

'The Birds of Scotland': species reference lists

001 Mute Swan (45)

- Boase, H. 1965. Movements of the Mute Swan in east Scotland. *Scottish Birds* 3: 301-310.
- Boyd, H. & Ogilvie, M. 1964. Losses of Mute Swans in England in the winter of 1962-63. *Wildfowl Trust Annual Report* 15: 37-43.
- Brown, A.W. & Brown, L.M. 1981-1991. Mute Swan census, Lothians. *Lothian Bird Report* 1981-1991.
- Brown, A.W. & Brown, L.M. 1982-2002. *Mute Swan census, Fife*. Unpublished reports.
- Brown, A.W. & Brown, L.M. 1982a. 1981 Mute Swan census – the Lothians. *Lothian Bird Report* 1981: 52-53.
- Brown, A.W. & Brown, L.M. 1984a. 1982 Mute Swan census – the Lothians. *Lothian Bird Report* 1982: 59-61.
- Brown, A.W. & Brown, L.M. 1984b. 1983 Mute Swan breeding census. *Lothian Bird Report* 1983: 84-88.
- Brown, A.W. & Brown, L.M. 1985a. 1984 Mute Swan breeding census. *Lothian Bird Report* 1984: 71-76.
- Brown, A.W. & Brown, L.M. 1985c. The Scottish Mute Swan census 1983. *Scottish Birds* 13: 140-148.
- Brown, A.W. & Brown, L.M. 1986. Mute Swan breeding census 1985. *Lothian Bird Report* 1985: 91-96.
- Brown, A.W. & Brown, L.M. 1987. Mute Swan breeding census 1986. *Lothian Bird Report* 1986: 72-75.
- Brown, A.W. & Brown, L.M. 1988. Mute Swan breeding census 1987. *Lothian Bird Report* 1987: 74-77.
- Brown, A.W. & Brown, L.M. 1989. Mute Swan breeding census 1988. *Lothian Bird Report* 1988: 71-72.
- Brown, A.W. & Brown, L.M. 1990. 1989 Mute Swan census – the Lothians. *Lothian Bird Report* 1989: 78-81.
- Brown, A.W. & Brown, L.M. 1991. Mute Swan breeding census 1990. *Lothian Bird Report* 1990: 101-104.
- Brown, A.W. & Brown, L.M. 1992a. Mute Swan breeding census 1991. *Lothian Bird Report* 1991: 91-95.
- Brown, A.W. & Brown, L.M. 1993a. Mute Swan breeding census 1992. *Lothian Bird Report* 1992: 95-99.
- Brown, A.W. & Brown, L.M. 1993b. The Scottish Mute Swan census 1990. *Scottish Birds* 17: 93-102.
- Brown, A.W. & Brown, L.M. 1994. Mute Swan breeding census 1993. *Lothian Bird Report* 1993: 96-99.
- Brown, A.W. & Brown, L.M. 1996. Mute Swan breeding census 1994. *Lothian Bird Report* 1994: 94-98.
- Brown, A.W. & Brown, L.M. 1997. Mute Swan breeding census 1995. *Lothian Bird Report* 1995: 93-98.
- Brown, A.W. & Brown, L.M. 1998a. Mute Swan breeding census, 1996. *Lothian Bird Report* 1996: 93-98.
- Brown, A.W. & Brown, L.M. 1998b. Mute Swan breeding census, 1997. *Lothian Bird Report* 1997: 88-90.
- Brown, A.W. & Brown, L.M. 1999a. Mute Swan census - Lothians 1998. *Lothian Bird Report* 1998: 117-123.
- Brown, A.W. & Brown, L.M. 1999b. Changes in the numbers and distribution of Mute Swans in the Lothians in spring from 1978 to 1998. *Scottish Birds* 20: 18-26.
- Brown, A.W. & Brown, L.M. 2000. Mute Swan census - Lothians 1999. *Lothian Bird Report* 1999: 111-119.
- Brown, A.W. & Brown, L.M. 2003a. Lothian Mute Swan census 2000. *Lothian Bird Report* 2001: 85-93.
- Brown, A.W. & Brown, L.M. 2003b. Lothian Mute Swan census 2001. *Lothian Bird Report* 2001: 94-100.
- Brown, A.W. & Brown, L.M. 2004. Lothian Mute Swan census 2002. *Lothian Bird Report* 2002: 122-131.
- Brown, A.W. & Brown, L.M. 2005. The 2002 census of the Mute Swan in Scotland. *Scottish Birds* 25: 1-16.
- Delany, S. & Scott, D. 2002. *Waterbird Population Estimates*. 3rd Edition. Wetlands International Global Series No. 12. Wetlands International, Wageningen, The Netherlands.
- Eltringham, S.K. 1963. The British population of the Mute Swan in 1961. *Bird Study* 10: 10-28.
- Gilissen, N., Haanstra, L., Delany, S., Boere, G. & Hagemeijer, W. 2002. *Numbers and distribution of wintering waterbirds in the Western Palearctic and Southwest Asia in 1997, 1998 and 1999: results from the International Waterbird Census*. Wetlands International Global Series No. 11. Wetlands International, Wageningen, The Netherlands.
- Leach, I.H. 1988. Mute Swans in Ayrshire. *Scottish Birds* 15: 36-39.
- MacGillivray, W. 1846. *A Manual of British Ornithology*. Volume 2. 2nd Edition. Scott, Webster & Geary, London.
- Meek, E.R. 1993b. Population fluctuations and mortality of Mute Swans on an Orkney loch system in relation to a Canadian Pondweed growth cycle. *Scottish Birds* 17: 85-92.
- Ogilvie, M.A. 1981. The Mute Swan in Britain, 1978. *Bird Study* 28: 87-106.
- Ogilvie, M.A. 1986. The Mute Swan in Britain, 1983. *Bird Study* 33: 121-137.
- Owen, M. 1977. *Wildfowl of Europe*. Macmillan, London.
- Owen, M., Atkinson-Willes, G.L. & Salmon, D.G. 1986. *Wildfowl in Great Britain*. 2nd Edition. Cambridge University Press, Cambridge.
- Rawcliffe, C.P. 1958. The Scottish Mute Swan Census 1955-56. *Bird Study* 5: 45-55.
- Rowell, H.E. & Spray, C.J. 2004. *The Mute Swan Cygnus olor (Britain and Ireland populations) in Britain and Northern Ireland 1960/61 – 2000/01*. Waterbird Review Series. WWT/JNCC, Slimbridge.
- Scherner, E.R. 2000. Genealogy, distribution and frequency of the *immutabilis* allele in the Mute Swan (*Cygnus olor*) [in German]. *Zeitschrift für Jagdwissenschaft* 46: 213-235.
- Spray, C. 1983. East of Scotland Mute Swan study. *Scottish Birds* 12: 197-198.
- Spray, C.J. 1981. Movements of Mute Swans from Scotland to Ireland. *Irish Birds* 2: 82-84.
- Ticehurst, N.F. 1957. *The Mute Swan in England*. Cleaver Hume, London.
- Turnbull, W.P. 1863. *The Birds of East Lothian and a Portion of the Adjoining Counties from Memorandums made between 1845-1850*. Caxton Press of Sherman, Son & Co., Philadelphia.

- Ward, R.M., Cranswick, P.A., Kershaw, M., Austin, G., Brown, A.W., Brown, L.M. & Coleman, J.T. 2004. *National Mute Swan Census 2002*. Draft report. WWT, Slimbridge.
- Yarrell, W. 1838. [On a new species of Swan]. *Proceedings of the Zoological Society of London* 6: 19.
- Yarrell, W. 1845. *A History of British Birds*. 2nd Edition. Three volumes. Van Voorst, London.

002 Tundra Swan (12)

- Beekman, J.H. 1997. International censuses of the North-west European Bewick's Swan population, January 1990 and 1995. *Swan Specialist Group Newsletter* 6: 7-9.
- Harvie-Brown, J.A. 1902c. On the avifauna of the Outer Hebrides, 1888-1902. *Annals of Scottish Natural History* 1902: 83-91, 136-151, 199-217.
- Harvie-Brown, J.A. & Buckley, T.E. 1888. *A Vertebrate Fauna of the Outer Hebrides*. David Douglas, Edinburgh.
- Harvie-Brown, J.A. & Buckley, T.E. 1892. *A Vertebrate Fauna of Argyll and the Inner Hebrides*. David Douglas, Edinburgh.
- Merne, O.J. 1977. The changing status of Bewick's Swan in Ireland. *Irish Birds* 1: 3-15.
- Murray, A. 2002a. Whistling Swan in East Dunbartonshire - to feed or not to feed? *Birding Scotland* 5 (3): back cover.
- Owen, M., Atkinson-Willes, G.L. & Salmon, D.G. 1986. *Wildfowl in Great Britain*. 2nd Edition. Cambridge University Press, Cambridge.
- Pollitt, M.S., Hall, C., Holloway, S.J., Hearn, R.D., Marshall, P.E., Musgrove, A.J., Robinson, J.A. & Cranswick, P.A. 2003. *The Wetland Bird Survey 2000-01: wildfowl and wader counts*. BTO/WWT/RSPB/JNCC, Slimbridge.
- Rennie, W. 1951. *Possil Marsh - Yesterday and Today, or Jottings from my Journals*. Privately printed, Glasgow.
- Stroud, D.A., Chambers, D., Cook, S., Buxton, N., Fraser, B., Clement, P., Lewis, P., McLean, I., Baker, H. & Whitehead, S. 2001. *The UK SPA network: its scope and content*. Joint Nature Conservation Committee, Peterborough.
- Worden, J., Cranswick, P.A., Crowe, O., McElwaine, G. & Rees, E.C. 2006b. Numbers and distribution of Bewick's Swan *Cygnus columbianus bewickii* wintering in Britain and Ireland: results of international census, January 1995, 2000 and 2005. *Wildfowl* 56: 3-22.
- Yarrell, W. 1845. *A History of British Birds*. 2nd Edition. Three volumes. Van Voorst, London.

003 Whooper Swan (24)

- Black, J.M. & Rees, E.C. 1984. The structure and behaviour of the Whooper Swan population wintering at Caerlaverock, Dumfries and Galloway, Scotland: an introductory study. *Wildfowl* 35: 21-36.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Boyd, H. & Eltringham, S.K. 1962. The Whooper Swan in Great Britain. *Bird Study* 9: 217-241.
- Brazil, M. & Spray, C.J. 1983. Large clutch and brood sizes of Whooper Swans. *Scottish Birds* 12: 226-227.
- Brazil, M.A. 2003. *The Whooper Swan*. T. & A.D. Poyser, London.
- Brazil, M.A. & Kirk, J. 1979. *The current status of Whooper Swans in Great Britain and Ireland*. Unpublished report. WWT, Slimbridge.
- Brown, M.J., Linton, E. & Rees, E.C. 1992. Causes of mortality among wild swans in Britain. *Wildfowl* 43: 70-79.
- Chisholm, H.K. & Spray, C.J. 2002. Habitat usage and field choice by Mute and Whooper Swans in the Tweed valley, Scotland. In: Rees, E.C., Earnst, S.L. & Coulson, J. (eds) *Proceedings of the Fourth International Swan Symposium, 2001*. *Waterbirds* 25 (Special Publication 1): 177-182.
- Cranswick, P.A., Bowler, J.M., Delany, S., Einarsson, O., Gardarsson, A., McElwaine, J.G., Merne, O.J., Rees, E.C. & Wells, J.H. 1996. Numbers of Whooper Swans *Cygnus cygnus* in Iceland, Ireland and Britain in January 1995: results of the international census. *Wildfowl* 47: 17-30.
- Cranswick, P.A., Colhoun, K., Einarsson, O., McElwaine, J.G., Gardarsson, A., Pollitt, M. & Rees, E.C. 2002. The status and distribution of the Icelandic Whooper Swan *Cygnus cygnus* population: results of the International Whooper Swan Census 2000. In: Rees, E.C., Earnst, S.L. & Coulson, J. (eds) *Proceedings of the Fourth International Swan Symposium, 2001*. *Waterbirds* 25 (Special Publication 1): 37-48.
- Cranswick, P.A., Worden, J., Ward, R.M., Rowell, H.E., Hall, C., Musgrove, A.J., Hearn, R.D., Holloway, S.J., Banks, A.N., Austin, G.E., Griffin, L.R., Hughes, B., Kershaw, M., O'Connell, M.J., Pollitt, M.S., Rees, E.C. & Smith, L.E. 2005. *The Wetland Bird Survey 2001-03: wildfowl and wader counts*. BTO/WWT/RSPB/JNCC, Slimbridge.
- Fea, J. 1775. *The Present State of the Orkney Islands Considered*. Brown, Edinburgh.
- Henderson, T. 1910. Whooper Swans breeding in Shetland. *Annals of Scottish Natural History* 1910: 245.
- Hewson, R. 1973. Changes in a winter herd of Whooper Swans at a Banff loch. *Bird Study* 20: 41-49.
- Kirby, J.S., Rees, E.C., Merne, O.J. & Gardarsson, A. 1992. International census of Whooper Swans *Cygnus cygnus* in Britain, Ireland and Iceland: January 1991. *Wildfowl* 43: 20-26.
- Okill, J.D. & Fisher, P.R. 2005. Hybridisation between a Whooper and Mute Swan in Scotland. *Scottish Birds* 25: 61-62.
- Pennycuick, C.J., Einarsson, O., Bradbury, T.A.M. & Owen, M. 1996. Migrating whooper swans *Cygnus cygnus*: satellite tracks and flight performance calculations. *Journal of Avian Biology* 27: 118-134.

- Pollitt, M.S., Hall, C., Holloway, S.J., Hearn, R.D., Marshall, P.E., Musgrove, A.J., Robinson, J.A. & Cranswick, P.A. 2003. *The Wetland Bird Survey 2000-01: wildfowl and wader counts*. BTO/WWT/RSPB/JNCC, Slimbridge.
- Rees, E.C., Kirby, J.S. & Gilburn, A. 1997. Site selection by swans wintering in Britain and Ireland; the importance of habitat and geographic location. *Ibis* 139: 337-352.
- Robinson, J.A., Colhoun, K., McElwaine, J.G. & Rees, E.C. 2004a. *Whooper Swan Cygnus cygnus (Iceland population) in Britain and Ireland 1960/61 - 1999/2000*. Waterbird Review Series. WWT/JNCC, Slimbridge.
- Salmon, D.G. & Black, J.M. 1986. The January 1986 Whooper Swan census in Britain, Ireland and Iceland. *Wildfowl* 37: 172-174.
- Scott, M. 2004d. Summer 'Swan Song'. *Birding Scotland* 7 (3): back cover.
- Spray, C.J. & Milne, H. 1988. The incidence of lead poisoning among Whooper and Mute swans *Cygnus cygnus* and *C. olor* in Scotland. *Biological Conservation* 44: 265-282.
- Worden, J., Crowe, O., Einarsson, O., Gardarsson, A., McElwaine, J.G. & Rees, E.C. 2006a. *Population size and breeding success of the Icelandic Whooper Swan Cygnus cygnus: results of the January 2005 International Census*. Unpublished report. WWT, Slimbridge.

004 Bean Goose (20)

- Allport, G.A. 1991. *The feeding ecology and habitat requirements of over wintering Western Taiga Bean Geese (Anser fabalis fabalis)*. Unpublished PhD thesis, University of East Anglia.
- Bannerman, D.A. 1957. *The Birds of the British Isles*. Volume 6. Oliver & Boyd, Edinburgh.
- Berry, J. 1939. *The Status and Distribution of Wild Geese and Wild Duck in Scotland*. Volume 2. International Wildfowl Inquiry. The University Press, Cambridge.
- Bourne, W.R.P. 1997. 'Tundra' Bean Geese in North-East Scotland. *North-East Scotland Bird Report* 1996: 69-70.
- Bourne, W.R.P. & Ralph, R. 2000. The past history of grey geese in Scotland. *Birding Scotland* 3: 152-153.
- Burgers, J., Smit, J.J. & Voet, H.V.d. 1991. Origins and systematics of two types of the Bean Goose *Anser arvensis* (Latham, 1787) wintering in the Netherlands. *Ardea* 79: 307-316.
- Fraser, I. 2004. Bean Goose Action Plan. In: Perks, A. (ed.) *The Falkirk Area Biodiversity Action Plan*. Falkirk Area Biodiversity Partnership, Falkirk.
- Gibson, J.A., Hopkins, I. & Stephen, A. 1980. Notes on the birds of the Island of Bute. *Transactions of the Buteshire Natural History Society* 31: 69-92.
- Hearn, R. 2004a. *The Bean Goose in Britain and Ireland 1960/61- 1999/2000: a monitoring review*. Unpublished report to JNCC. WWT.
- Madsen, J., Cracknell, G. & Fox, A. (eds) 1999. *Goose Populations of the Western Palearctic: a review of status and distribution*. Wetlands International, Wageningen, The Netherlands.
- Noeske, A. 1990. Occurrence of 'Russian' Bean Geese in Britain. *British Birds* 83: 556-560.
- Oates, J. 1997. Identification of Taiga Bean Goose and Tundra Bean Goose. *Birding World* 10: 421-426.
- Parslow-Otsu, M. 1991. Bean Geese in the Yare Valley, Norfolk. *British Birds* 84: 161-170.
- Percival, S. & Votier, S. 1996. *A dietary analysis of Bean Geese on the Slamannan Plateau and Whooper Swans at Inchinnan/Black Cart*. Unpublished report to SNH.
- Sangster, G. & Oreel, G.J. 1996. Progress in the taxonomy of Taiga and Tundra Bean Geese. *Dutch Birding* 18: 310-316.
- Simpson, J. 1990-93. *Bean Geese winter reports*. Unpublished reports.
- Simpson, J. & Maciver, A. 1996-2004. *Population and distribution of Bean Geese in the Slamannan area*. Reports to the Bean Goose Action Group.
- Smith, P.H. & Forshaw, W.D. 1988. Occurrence of 'Russian' Bean Geese in Lancashire/Merseyside. *British Birds* 81: 68-70.
- Smith, T., Bainbridge, I. & O'Brien, M. 1994. *Distribution and habitat use by Bean Geese in the Slamannan area*. Report to SNH. RSPB.
- Watson, A.D. 1986. Bean Geese in South-West Scotland. *Scottish Birds* 14: 17-24.

005 Pink-footed Goose (25)

- Bell, M.V., Dunbar, J. & Parkin, J. 1988. Numbers of wintering Pink-footed and Greylag Geese in north-east Scotland 1950-1986. *Scottish Birds* 15: 49-60.
- Bell, M.V., Newton, A.V. & Newton, S.F. 1998. Roost selection by Pink-footed *Anser brachyrhynchus* and Greylag *A. anser* Geese in east central Scotland. *Wildfowl* 48: 40-51.
- Bell, M.V. & Newton, S.F. 1995. The status and distribution of wintering Pink-footed and Greylag Geese in east central Scotland. *Scottish Birds* 18: 24-50.
- Berry, J. 1939. *The Status and Distribution of Wild Geese and Wild Duck in Scotland*. Volume 2. International Wildfowl Inquiry. The University Press, Cambridge.
- Brown, A.W. 1992-2002. *Pink-footed and Greylag Geese in Fife, 1991-92 to 2001-02*. Unpublished reports.
- Brown, A.W. 2000. Counts of Pink-footed and Greylag Geese in Lothians and Borders, winter 1999/2000. *Lothian Bird Report* 1999: 120-124.

- Brown, A.W. 2003. Counts of Pink-footed and Greylag Geese in Lothians and Borders, winter 2000/01. *Lothian Bird Report* 2001: 101-106.
- Brown, A.W. 2004. Counts of Pink-footed and Greylag Geese in Lothians and Borders, winter 2001/02. *Lothian Bird Report* 2002: 132-136.
- Brown, A.W. & Brown, L.M. 1992b. Development of an internationally important Pink-footed Goose roost at West Water Reservoir, Borders Region, 1966-1990. *Scottish Birds* 16: 260-268.
- Giroux, J.-F. 1991. Roost fidelity of Pink-footed Geese *Anser brachyrhynchus* in north-east Scotland. *Bird Study* 38: 112-117.
- Giroux, J.F. & Patterson, I.J. 1995. Daily movements and habitat use by radio-tagged Pink-footed Geese *Anser brachyrhynchus* wintering in north-east Scotland. *Wildfowl* 46: 31-44.
- Hearn, R. & Mitchell, C. 1995. *Goose distribution and feeding around Loch Leven NNR*. Report to SNH. WWT, Slimbridge.
- Hearn, R.D. 2000. *The 1999 National Census of Pink-footed Geese and Icelandic Greylag Geese in Britain, Ireland*. Report to JNCC. WWT, Slimbridge.
- Matthews, J. 1992. Grey geese and agriculture in north-east Scotland. *Scottish Birds* 16: 269-272.
- Mitchell, C.R. & Hearn, R.D. 2004. *Pink-footed Goose Anser brachyrhynchus (Greenland/Iceland population) in Britain 1960/61 - 1999/2000*. Waterbird Review Series. WWT/JNCC, Slimbridge.
- Newton, S.F., Bell, M.V., Brown, A.W. & Murray, R. 1990. Pink-footed Goose numbers at arrival sites in eastern and central Scotland. *Scottish Birds* 16: 35-36.
- Owen, M., Atkinson-Willes, G.L. & Salmon, D.G. 1986. *Wildfowl in Great Britain*. 2nd Edition. Cambridge University Press, Cambridge.
- Patterson, I.J. & Hearn, R.D. 2006. Turnover of individuals in a local population of Pink-footed Geese *Anser brachyrhynchus*. *Wildfowl* 56: 52-64.
- Pollitt, M.S., Hall, C., Holloway, S.J., Hearn, R.D., Marshall, P.E., Musgrove, A.J., Robinson, J.A. & Cranswick, P.A. 2003. *The Wetland Bird Survey 2000-01: wildfowl and wader counts*. BTO/WWT/RSPB/JNCC, Slimbridge.
- Rowell, H.E. & Hearn, R.D. 2005. *The 2003 Icelandic-breeding goose census*. WWT/JNCC, Slimbridge.
- Russell, G.W. 1930b. Pink-footed Goose as winter visitor to Shetland. *Scottish Naturalist* 1930: 68.
- Scottish Executive. 2000. *Policy report and recommendations of the National Goose Forum*. Scottish Executive, Edinburgh.
- Scottish Office. 1996. *Wild geese and agriculture in Scotland: a discussion paper*. Scottish Office Agriculture, Environment and Fisheries Department, Edinburgh.
- Stenhouse, I.J. 1996. The feeding behaviour of Greylag and Pink-footed Geese around the Moray Firth, 1992-93. *Scottish Birds* 18: 222-230.
- Wildfowl and Wetlands Trust. 1960-2003. *Annual census of Pink-footed and Greylag Geese*. Unpublished reports.

006 Greater White-fronted Goose (17)

- Atkinson-Willes, G.L. 1963. *Wildfowl in Great Britain*. HMSO, London.
- Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
- Ely, C.R., Fox, A.D., Alisauskas, R.T., Andreev, A., Bromley, R.G., Degtyarev, A.G., Ebbing, B., Gurtonaya, E.N., Kerbes, R., Kondratyev, A.V., Kostin, I., Krechmar, A.V., Litvin, K.E., Miyabayashi, Y., Mooij, J.H., Oates, R.M., Orthmeyer, D.L., Sabano, Y., Simpson, S.G., Solovieva, D.V., Spindler, M.A., Syreochkovsky, Y.V., Takekawa, J.Y. & Walsh, A. 2005. Circumpolar variation in morphological characteristics of Greater White-fronted Geese *Anser albifrons*. *Bird Study* 52: 104-119.
- Fox, A.D. 2003. *The Greenland White-fronted Goose Anser albifrons flavirostris - the annual cycle of a migratory herbivore on the European continental fringe*. Unpublished DSc thesis, University of Copenhagen, Denmark.
- Fox, A.D., Glahder, C.M. & Walsh, A.J. 2003. Spring migration routes and timing of Greenland white-fronted geese - results from satellite telemetry. *Oikos* 103: 415-425.
- Fox, A.D., Hilmarsson, J.O., Einarsson, O., Boyd, H., Kristiansen, J.N., Stroud, D.A., Walsh, A.J., Warren, S.M., Mitchell, C., Francis, I.S. & Nygård, T. 1999. Phenology and distribution of Greenland White-fronted Geese *Anser albifrons flavirostris* staging in Iceland. *Wildfowl* 50: 29-45.
- Fox, A.D., Madsen, J., Boyd, H., Kuijken, E., Norriss, D.W., Tombre, I.M. & Stroud, D.A. 2005. Effects of agricultural change on abundance, fitness components and distribution of two arctic-nesting goose populations. *Global Change Biology* 11: 881-893.
- Fox, A.D., Stroud, D.A., Walsh, A.J., Wilson, H.J., Norriss, D.W. & Francis, I.S. 2006. The rise and fall of the Greenland White-fronted Goose: a case study in international conservation. *British Birds* 99: 242-261.
- Francis, I. & Fox, T. 2003. Greenland White-fronted Geese in Scotland. *Birding Scotland* 6: 162-167.
- Harvie-Brown, J.A. 1902c. On the avifauna of the Outer Hebrides, 1888-1902. *Annals of Scottish Natural History* 1902: 83-91, 136-151, 199-217.
- Hearn, R. 2004b. *Greater White-fronted Goose Anser albifrons albifrons (Baltic/North Sea population) in Britain 1960/61-1999/2000*. Waterbird Review Series. WWT/JNCC, Slimbridge.
- Laybourne, S. & Fox, A.D. 1988. Greenland White-fronted Geese in Caithness. *Scottish Birds* 15: 30-35.
- Madsen, J., Cracknell, G. & Fox, A. (eds) 1999. *Goose Populations of the Western Palearctic: a review of status and*

- distribution.* Wetlands International, Wageningen, The Netherlands.
- McMillan, R.L. 2005. *Skye Birds: an illustrated guide to the birds of Skye.* Skye-birds.com, Elgol.
- Ruttledge, R.F. & Ogilvie, M.A. 1979. The past and current status of Greenland White-fronted Goose in Britain and Ireland. *Irish Birds* 1: 293-363.
- Stroud, D.A. 1984. Status of Greenland White-fronted Geese in Britain 1982/83. *Bird Study* 31: 111-117.
- Warren, S.M., Fox, A.D., Walsh, A., Merne, O.J. & Wilson, H.J. 1992. Wintering site interchange amongst Greenland White-fronted Geese *Anser albifrons flavirostris* captured at Wexford Slobs, Ireland. *Bird Study* 39: 186-194.

007 Lesser White-fronted Goose (6)

- BirdLife International. 1998. *Threatened Birds of the World.* Lynx Edicions, Barcelona.
- Delany, S. 1993. Introduced and escaped geese in Britain in summer 1991. *British Birds* 86: 591-599.
- Madsen, J., Cracknell, G. & Fox, A. (eds) 1999. *Goose Populations of the Western Palearctic: a review of status and distribution.* Wetlands International, Wageningen, The Netherlands.
- Watson, A. 1954. Lesser White-fronted Geese in the Stewartry of Kirkudbright. *Scottish Naturalist* 1954: 186-188.
- Watson, A.D. & Paterson, T. 1960. Lesser White-fronted Geese in Wigtonshire and Clackmannan. *Scottish Birds* 1: 271-272.
- Watson, D. 1955a. Lesser White-fronted Geese in Kirkcudbright. *British Birds* 48: 323-325.

008 Greylag Goose (47)

- Allen, G. 1993. The changing status of wintering waterfowl at the Loch of Skene. *North-East Scotland Bird Report* 1992: 4-10.
- Bell, M.V. 1985. Wintering Greylag and Pink-footed Geese on Deeside and Donside. *North-East Scotland Bird Report* 1984: 37-43.
- Bell, M.V. 1986. Wintering Greylag and Pink-footed Geese in Buchan. *North-East Scotland Bird Report* 1985: 39-44.
- Bell, M.V. 1988. Feeding behaviour of wintering Pink-footed and Greylag Geese in Northeast Scotland. *Wildfowl* 39: 43-53.
- Bell, M.V., Dunbar, J. & Parkin, J. 1988. Numbers of wintering Pink-footed and Greylag Geese in north-east Scotland 1950-1986. *Scottish Birds* 15: 49-60.
- Bell, M.V. & Newton, S.F. 1995. The status and distribution of wintering Pink-footed and Greylag Geese in east central Scotland. *Scottish Birds* 18: 24-50.
- Berry, J. 1939. *The Status and Distribution of Wild Geese and Wild Duck in Scotland.* Volume 2. International Wildfowl Inquiry. The University Press, Cambridge.
- Bourne, W.R.P. 1982b. Greylag Geese breeding at the Loch of Skene. *North-East Scotland Bird Report* 1981: 42.
- Bowler, J., Mitchell, C. & Leitch, A.J. 2005. Greylag Geese on Tiree and Coll: status, habitat use and movements. *Waterbirds* 28: 61-70.
- Boyd, H. & Ogilvie, M.A. 1972. Icelandic Greylag Geese wintering in Britain in 1960-1971. *Wildfowl* 23: 64-82.
- Brotherston, W. 1964. The numbers and behaviour of geese in the Lothians and Berwickshire. *Wildfowl* 15: 57-70.
- Brown, A.W. & Dick, G. 1992. Distribution and number of feral Greylag Geese in Scotland. *Scottish Birds* 16: 184-191.
- Craik, J.C.A. 2004. Increasing numbers of Greylag and Canada Geese breeding in mainland sealochs. *Argyll Bird Report* 18: 123-124.
- Forrester, R.W. 2004. The breeding birds of Inchmarnock – an evolving avifauna. *Transactions of the Buteshire Natural History Society* 26: 108-120.
- Frederiksen, M., Hearn, R.D., Mitchell, C., Sigfússon, A., Swann, R.L. & Fox, A.D. 2004a. The size and dynamics of Icelandic-breeding goose populations a reassessment of the evidence. *Journal of Applied Ecology* 41: 315-334.
- Harvie-Brown, J.A. & Buckley, T.E. 1888. *A Vertebrate Fauna of the Outer Hebrides.* David Douglas, Edinburgh.
- Harvie-Brown, J.A. & Macpherson, H.A. 1904. *A Fauna of the North-west Highlands and Skye.* David Douglas, Edinburgh.
- Hearn, R. 2002. *The 2000 national census of Pink-footed and Icelandic Greylag Geese in Britain and Ireland.* Unpublished report. WWT, Slimbridge.
- Hearn, R. & Worden, J. 2005. *Goose News. Issue No. 4.* The Wildfowl and Wetlands Trust, Slimbridge.
- Hearn, R.D. & Mitchell, C.R. 2004. *Greylag Goose Anser anser (Icelandic population) in Britain and Ireland 1960/61-1999/2000.* Waterbird Review Series. WWT/JNCC, Slimbridge.
- Innes, M. 1996. The movement of wildfowl off Peterhead, Grampian. *North-East Scotland Bird Report* 1995: 67-86.
- Kear, J. 1962. Feeding habits of the Greylag Goose on the island of Bute. *Scottish Birds* 2: 233-238.
- Kear, J. 1965. Recent changes in Scottish barley acreages and the possible effect on wild geese. *Scottish Birds* 3: 288-292.
- Madders, M. 1992. Wintering and breeding Greylag Geese on Coll and Tiree. *Argyll Bird Report* 8: 13-18.
- Mainwood, A.T. 1996. *The post-moult movements of Greylag Geese (Anser anser) in Sutherland and Caithness.* Unpublished report to SNH.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001.* Privately published, Thurso.

- McMillan, R.L. 2005. *Skye Birds: an illustrated guide to the birds of Skye*. Skye-birds.com, Elgol.
- Meek, E.R. 2003. The status of the Greylag Goose in Orkney. *Orkney Bird Report* 2002: 82-85.
- Mitchell, C. 1999. Greylag Goose (Scotland). In: Madsen, J., Cracknell, G. & Fox, A.D. (eds) *Goose populations of the Western Palearctic. A review of status and distribution*. Wetlands International, Wageningen, The Netherlands.
- Mitchell, C., Patterson, D., Boyer, P., Cunningham, P., McDonald, R., Meek, E., Okill, J.D. & Symonds, F. 2000. The summer status and distribution of Greylag Geese in north and west Scotland. *Scottish Birds* 21: 69-77.
- Mitchell, C. & Sigfusson, A. 1999. Greylag Goose (Iceland). In: Madsen, J., Cracknell, G. & Fox, A.D. (eds) *Goose populations of the Western Palearctic. A review of status and distribution*. Wetlands International, Wageningen, The Netherlands.
- Newton, I. & Campbell, C. 1973. Feeding of geese on farmland in east central Scotland. *Journal of Applied Ecology* 10: 781-801.
- Newton, I. & Kerbes, R.H. 1974. Breeding of greylag geese *Anser anser* on the Outer Hebrides, Scotland. *Journal of Animal Ecology* 43: 771-783.
- Owen, M. & Salmon, D.G. 1988. Feral Greylag Geese *Anser anser* in Britain and Ireland, 1960-1986. *Bird Study* 35: 37-45.
- Paterson, I.W. 1987. The status and distribution of Greylag Geese *Anser anser* in the Uists, Scotland. *Bird Study* 34: 235-238.
- Paterson, I.W. 1991. The status and breeding distribution of Greylag Geese *Anser anser* in the Uists (Scotland) and their impact upon crofting agriculture. *Ardea* 79: 243-251.
- Paterson, I.W., Boyer, P.R. & Massen, D.D. 1990. Variations in clutch size and breeding success of Greylag Geese *Anser anser* in the Uists, Scotland. *Wildfowl* 41: 18-22.
- Pennington, M.G. 2000. Greylag Geese breeding in Shetland. *Scottish Birds* 21: 27-35.
- Rowell, H.E. 2005. *The 2004 Icelandic-breeding goose census*. Unpublished report. WWT, Slimbridge.
- Shaw, G. 1974a. Feral Greylag Geese in south-west Scotland. *Scottish Birds* 8: 91.
- Shimmings, P.J., Owen, M. & Burn, J.L. 1989. Feral Greylag Geese and other breeding wildfowl in south-west Scotland during 1988. *Scottish Birds* 15: 162-169.
- Stenhouse, I.J. 1996. The feeding behaviour of Greylag and Pink-footed Geese around the Moray Firth, 1992-93. *Scottish Birds* 18: 222-230.
- Stroud, D.A. (ed.) 1989. *The Birds of Coll and Tiree: status, habitats and conservation*. NCC/SOC, Edinburgh.
- Swann, R.L., Brockway, I.K., Frederiksen, M., Hearn, R.D., Mitchell, C. & Sigfusson, A. 2005. Within-winter movements and site fidelity of Icelandic Greylag Geese *Anser anser*. *Bird Study* 52: 25-36.
- Wildfowl and Wetlands Trust. 1960-2003. *Annual census of Pink-footed and Greylag Geese*. Unpublished reports.
- Young, J.G. 1972a. Distribution, status and movements of feral Greylag Geese in south-west Scotland. *Scottish Birds* 7: 170-182.
- Young, J.G. 1972b. Breeding biology of feral Greylag Geese in southwest Scotland. *Wildfowl* 23: 83-87.

009 Snow Goose (29)

- Anon. 1963c. Snow and Ross's Geese in Scotland, and the problem of escapes. *Scottish Birds* 2: 306-308.
- Barlee, J. & Ruttle, R.F. 1947. Blue Snow-Geese in County Wexford. *British Birds* 40: 44-47.
- Berry, J. 1939. *The Status and Distribution of Wild Geese and Wild Duck in Scotland*. Volume 2. International Wildfowl Inquiry. The University Press, Cambridge.
- Blankert, J.J. 1980. Lesser Snow Goose from Canada in Netherlands. *Dutch Birding* 2: 52,74.
- Bloomfield, A. 2004. Hybrid and aberrant geese in Britain. *Birding World* 17: 123-127.
- Boase, H., King, J. & Richmond, W.K. 1959. Snow Geese in north Perth, West Lothian and Inverness. *Scottish Birds* 1: 121-122.
- Brotherston, W. & Mackenzie, W. 1961. Snow Geese in Mid-Lothian, Berwickshire and North Uist. *Scottish Birds* 1: 425.
- Brotherston, W. & Williamson, K. 1954. Greater Snow Goose in Midlothian. *Edinburgh Bird Bulletin* 4: 33-35.
- Chisholm, M. & Garden, E.A. 1959. Snow Geese in north Argyll and Aberdeenshire. *Scottish Birds* 1: 67-68.
- Clarke, W.E. 1921. The Greater Snow Goose in the Scottish Solway area: a first record for Great Britain. *Scottish Naturalist* 1921: 69-70.
- Clarke, W.E. 1924. The Lesser Snow-Goose in the Outer Hebrides. *Scottish Naturalist* 1924: 9.
- Cook, M. 1992. *The Birds of Moray and Nairn*. The Mercat Press, Edinburgh.
- Crawford, J.R. & Job, R. 1963. Snow Geese in Perthshire. *Scottish Birds* 2: 418-420.
- Dudley, S.P. 2005. Changes to Category C of the British List. *Ibis* 147: 803-820.
- Holloway, J. 1991. Snow Geese on Stronsay. *Birding World* 4: 260.
- Jardine, D. 1991a. Feral Snow Geese. *Birding World* 4: 259.
- Joicey, J.A. 1934. Snow-Geese in Morayshire. *British Birds* 27: 236.
- Kemp, J. 1997. Wild Snow Geese. *Birding World* 10: 72.
- Lyell, B.A. 1960. Snow Goose in Aberdeenshire. *Scottish Birds* 1: 185.
- Macmillan, A.T. 1960b. Snow Geese in Lanarkshire. *Scottish Birds* 1: 272-274.
- Macmillan, A.T. 1964a. Snow and Ross's Geese in Scotland. *Scottish Birds* 3: 138-140.

- Macmillan, A.T. 1977. The status of Snow Geese in Scotland. *Scottish Birds* 9: 357-358.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Sadura, A. & Cooke, F. 1982. On European occurrence of Lesser Snow Goose from Canada. *Dutch Birding* 4: 37-40.
- Scott, M. 1995. The status and identification of Snow Goose and Ross's Goose. *Birding World* 8: 56-63.
- Stroud, D.A. (ed.) 1989. *The Birds of Coll and Tiree: status, habitats and conservation*. NCC/SOC, Edinburgh.
- Williamson, K. 1953c. A blue Snow Goose in Shetland. *Fair Isle Bird Observatory Bulletin* 2: 10-12.
- Williamson, K. 1954d. American birds in Scotland in autumn and winter, 1953-54. *Scottish Naturalist* 1954: 13-29.
- Williamson, K. & Sandeman, P.W. 1954. Snow Goose in Lanarkshire. *Scottish Naturalist* 1954: 40-41.

010 Canada Goose (21)

- Appleton, G.F., Adams, S.Y., Clark, J.A., Simons, J.R. & Peach, W.J. 1997. Report on bird ringing in Britain and Ireland for 1995. *Ringing & Migration* 18: 113-158.
- Batty, C., Hackett, P. & Lowe, T. 2001. Vagrant Canada Geese in Britain: autumn 2001. *Birding World* 14: 515-519.
- Batty, C. & Lowe, T. 2001. Vagrant Canada Geese in Britain and Ireland. *Birding World* 14: 57-61.
- Batty, C., Lowe, T. & Millington, R. 2003. *Branta* goose gallery: winter 2002/03. *Birding World* 16: 108-113.
- Blurton-Jones, N.G. 1956. Census of breeding Canada Geese. *Bird Study* 3: 135-170.
- Clark, M. 1977. Canada Geese breeding, and other geese wintering, on island of Colonsay. *The Western Naturalist* 6: 103.
- Craik, J.C.A. 2004. Increasing numbers of Greylag and Canada Geese breeding in mainland sealochs. *Argyll Bird Report* 18: 123-124.
- Delany, S. 1993. Introduced and escaped geese in Britain in summer 1991. *British Birds* 86: 591-599.
- Dennis, R. 1964. Capture of moulting Canada Geese on the Beauly Firth. *Wildfowl Trust Annual Report* 15: 71-74.
- Grantham, M. 2004. Ringing in November. *Birding World* 17: 440.
- Meiklejohn, M.F.M. 1969. Medium sized race of Canada Goose in Islay. *Scottish Birds* 5: 466.
- Oates, J. 1999. Canada Goose forms in Aberdeenshire. *Birding World* 12: 124.
- Ogilvie, M. & Young, S. 1998. *Photographic Handbook of the Wildfowl of the World*. New Holland, London.
- Ogilvie, M.A. 1977. The numbers of Canada Geese in Britain 1976. *Wildfowl* 28: 27-34.
- Owen, M., Atkinson-Willes, G.L. & Salmon, D.G. 1986. *Wildfowl in Great Britain*. 2nd Edition. Cambridge University Press, Cambridge.
- Rehfisch, M.M., Austin, G.E., Holloway, S.J., Allan, J.R. & O'Connell, M. 2002. An approach to the assessment of change in the numbers of Canada Geese *Branta canadensis* and Greylag Geese *Anser anser* in southern Britain. *Bird Study* 49: 50-59.
- Rowell, H., Wall, R., Hall, C. & Cranswick, P. 2004. *The Naturalised Goose Survey*. Unpublished report. WWT, Slimbridge.
- Sangster, G., Collinson, J.M., Helbig, A.J., Knox, A.G. & Parkin, D.T. 2005. Taxonomic recommendations for British birds: third report. *Ibis* 147: 821-826.
- Shepperd, J. 1960. Small race of Canada Goose in Islay. *Scottish Birds* 1: 274-275.
- Sibley, D. 2004. Identification of Canada and Cackling Goose. http://www.sibleyguides.com/canada_cackling.htm. Accessed on 7 October 2004.
- Walker, A.F.G. 1970. The moult migration of Yorkshire Canada Geese. *Wildfowl* 21: 99-104.

011 Barnacle Goose (18)

- Berry, J. 1939. *The Status and Distribution of Wild Geese and Wild Duck in Scotland*. Volume 2. International Wildfowl Inquiry. The University Press, Cambridge.
- Black, J.M., Patterson, D., Shimmings, P. & Rees, E.C. 1999. Barnacle Geese on the Solway 1990-1996. *Scottish Birds* 20: 63-72.
- Delany, S. 1993. Introduced and escaped geese in Britain in summer 1991. *British Birds* 86: 591-599.
- Delany, S. & Ogilvie, M.A. 1994. *Greenland Barnacle Geese in Scotland, March 1994*. Research report. WWT, Slimbridge.
- Easterbee, N., Stroud, D.A., Bignal, E.M. & Dick, T.D. 1987. The arrival of Greenland Barnacle Geese at Loch Gruinart, Islay. *Scottish Birds* 14: 175-179.
- Fox, A.D., Ogilvie, M.A., Easterbee, N. & Bignal, E.M. 1990. East Greenland Barnacle Geese in Scotland, spring 1988. *Scottish Birds* 16: 1-10.
- Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.
- Harvie-Brown, J.A. & Buckley, T.E. 1892. *A Vertebrate Fauna of Argyll and the Inner Hebrides*. David Douglas, Edinburgh.
- Madsen, J., Cracknell, G. & Fox, A. (eds) 1999. *Goose Populations of the Western Palearctic: a review of status and distribution*. Wetlands International, Wageningen, The Netherlands.
- Ogilvie, M.A. 1978. *Wild Geese*. T. & A.D. Poyser, Calton.

- Ogilvie, M.A. 1983. The numbers of Greenland Barnacle Geese in Britain and Ireland. *Wildfowl* 34: 77-88.
- Ogilvie, M.A., Boertmann, D., Cabot, D., Merne, O., Percival, S.M. & Sigfusson, A. 1999. Barnacle Goose *Branta leucopsis*: Greenland. In: Madsen, J., Cracknell, G. & Fox, A.D. (eds) *Goose populations of the Western Palearctic. A review of status and distribution*. Wetlands International, Wageningen, The Netherlands.
- Owen, M. 1982. Population dynamics of Svalbard Barnacle Geese. *Aquila* 89: 229-247.
- Owen, M. & Black, J.M. 1999. Barnacle Goose *Branta leucopsis*: Svalbard. In: Madsen, J., Cracknell, G. & Fox, A.D. (eds) *Goose populations of the Western Palearctic. A review of status and distribution*. Wetlands International, Wageningen, The Netherlands.
- Owen, M. & Campbell, C.R.G. 1974. Recent studies on Barnacle Geese at Caerlaverock. *Scottish Birds* 8: 181-193.
- Owen, M. & Kerbes, M.R.H. 1971. The autumn food of Barnacle Geese at Caerlaverock National Nature reserve. *Wildfowl* 22: 114-119.
- Percival, S.M. 1991a. The population structure of Greenland Barnacle Geese on the wintering grounds on Islay. *Ibis* 133: 357-364.
- Worden, J., Mitchell, C., Merne, O. & Cranswick, P. 2004. *Greenland Barnacle Geese Branta leucopsis in Britain and Ireland: results of the international census, spring 2003*. Research report. WWT, Slimbridge.

012 Brent Goose (17)

- Atkinson-Willes, G.L. 1963. *Wildfowl in Great Britain*. HMSO, London.
- Atkinson-Willes, G.L. & Matthews, G.V.T. 1960. The past status of Brent Goose. *British Birds* 53: 352-357.
- Berry, J. 1939. *The Status and Distribution of Wild Geese and Wild Duck in Scotland*. Volume 2. International Wildfowl Inquiry. The University Press, Cambridge.
- Booth, C.G. 1975. *Birds in Islay*. Argyll Reproductions Ltd, Port Charlotte.
- Boyd, H. 2005. Brent Goose (Brant). In: Kear, J. (ed.) *Ducks, Geese and Swans*. Oxford University Press.
- Clausen, P., Madsen, J., Percival, S.M., Anderson, G.Q.A., Koffijberg, K., Mehllum, F. & Vangeluwe, D. 1999. Light-bellied Brent Goose *Branta bernicla hrota*: Svalbard. In: Madsen, J., Cracknell, G. & Fox, A.D. (eds) *Goose populations of the Western Palearctic. A review of status and distribution*. Wetlands International Publication No. 48. Wageningen, the Netherlands: Wetlands International; Ronde, Denmark: National Environmental Research Institute.
- Cook, M. 1992. *The Birds of Moray and Nairn*. The Mercat Press, Edinburgh.
- Delany, S. & Scott, D. 2002. *Waterbird Population Estimates*. 3rd Edition. Wetlands International Global Series No. 12. Wetlands International, Wageningen, The Netherlands.
- Denny, M.J.H., Clausen, P., Percival, S.M., Anderson, G.Q.A., Koffijberg, K. & Robinson, J.A. 2004. *Light-bellied Brent Goose Branta bernicla hrota [East Atlantic population] in Svalbard, Greenland, Franz Josef Land, Norway, Denmark, The Netherlands and Britain 1960/61 - 2000/01*. Waterbird Review Series. WWT/JNCC, Slimbridge.
- Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
- Harvie-Brown, J.A. & Buckley, T.E. 1895. *A Vertebrate Fauna of the Moray Basin*. Two volumes. David Douglas, Edinburgh.
- Hutt, A. & Taylor, G. 2006. The apparent Grey-bellied Brant in East Yorkshire. *Birding World* 19: 113-117.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- McWilliam, J.M. 1936. *The Birds of the Firth of Clyde*. H.F. & G. Witherby, London.
- Murray, J. 1958a. Brent Geese in Wigtonshire. *Scottish Birds* 1: 11.
- Owen, M., Atkinson-Willes, G.L. & Salmon, D.G. 1986. *Wildfowl in Great Britain*. 2nd Edition. Cambridge University Press, Cambridge.
- Paterson, J. 1897b. The Brent Goose in the "Clyde". *Annals of Scottish Natural History* 1897: 252-254.
- Rintoul, L.J. & Baxter, E.V. 1935. *A Vertebrate Fauna of Forth*. Oliver & Boyd, Edinburgh & London.
- Webbe, D. 1959. Our Pale-Breasted Brent. *The Shooting Times and Country Magazine* 1959: 453-454.

013 Red-breasted Goose (6)

- BirdLife International. 1998. *Threatened Birds of the World*. Lynx Edicions, Barcelona.
- Fraser, D. 1957. A Red-breasted Goose in North-East Scotland. *Scottish Naturalist* 1957: 118.
- Gantlett, S. 2005. 2004: the Western Palearctic year. *Birding World* 18: 17-40.
- Madsen, J., Cracknell, G. & Fox, A. (eds) 1999. *Goose Populations of the Western Palearctic: a review of status and distribution*. Wetlands International, Wageningen, The Netherlands.
- Schofield, R. 1999. Red-breasted Goose (*Branta ruficollis*) at the Loch of Strathbeg, 1-18 April; the first for North-east Scotland. *North-East Scotland Bird Report* 1998: 114.
- Wallace, D.I.M., Bradshaw, C., Rogers, M.J. on behalf of BBRC. 2006. A review of the 1950-57 British rarities. *British Birds* 99: 460-464.

014 Ruddy Shelduck (13)

- Bolam, G. 1896a. A list of the birds of Berwick-on-Tweed, with special reference to "The Birds of Berwickshire", and notices of the occurrence of some of the rarer species in the adjoining districts. *Annals of Scottish Natural History* 1896: 76-93.
- British Ornithologists' Union (BOU). 2003. British Ornithologists' Union Records Committee: 29th Report (October 2002). *Ibis* 145: 178-183.
- Brown, J. 1892. Ruddy Shelducks in the Moray Firth. *Annals of Scottish Natural History* 1892: 269-270.
- Clarke, W.E. 1909e. Ruddy Shelduck at Sule Skerry, Orkney. *Annals of Scottish Natural History* 1909: 247.
- Duff, A., Harrop, A.H.J. & Vinicombe, K.E. 2001. The alleged influx of wild Ruddy Shelduck in 1994. *British Birds* 94: 91-92.
- Harrop, A.H.J. 2002a. The Ruddy Shelduck in Britain, a review (on behalf of BOURC). *British Birds* 95: 123-128.
- Ogilvie, F.M. 1892. On the recent occurrence in the British Islands of the Ruddy Sheldrake. *Zoologist* 50: 392-398.
- Pennie, I.D. & Gunn, J.M. 1951. Birds in the Wick Museum *Scottish Naturalist* 1951: 196-197.
- Phillips, J.C. 1922. *A Natural History of the Ducks*. Four volumes. Houghton Mifflin, Boston.
- Rogers, M.J. 1982. Ruddy Shelducks in Britain in 1965-79. *British Birds* 75: 446-455.
- Saunders, H. 1899. *Illustrated Manual of British Birds*. 2nd Edition. Gurney & Jackson, London.
- Viniccombe, K. 2004. Ruddy Shelduck - a tick in waiting. *Birdwatch* 13 (3): 42-45.
- Viniccombe, K.E. & Harrop, A.H.J. 1999. Ruddy Shelducks in Britain and Ireland 1986-1994. *British Birds* 92: 225-255.

015 Common Shelduck (30)

- Andrews, I.J. 1993. The Wildfowl and Wetlands Trust Shelduck Survey 1992: the Lothians. *Lothian Bird Report* 1992: 87-94.
- Bignal, E. 1978. Mink predation of Shelduck and other wildfowl at Loch Lomond. *The Western Naturalist* 7: 47-53.
- Bignal, E.M. 1980. *Observations on the Shelduck population of Loch Lomond NNR*. Unpublished Report to NCC.
- Brown, A. & Grice, P. 2005. *Birds in England*. T. & A.D. Poyser, London.
- Bryant, D.M. 1978a. Moulting Shelducks on the Forth estuary. *Bird Study* 25: 103-108.
- Bryant, D.M. & Leng, J. 1975. Feeding distribution and behaviour of Shelduck in relation to food supply. *Wildfowl* 26: 20-30.
- Bryant, D.M. & Waugh, D.R. 1976. Flightless Shelducks on the Forth. *Scottish Birds* 9: 124.
- Buxton, N.E. & Young, C.M. 1981. The food of the Shelduck in north-east Scotland. *Bird Study* 28: 41-48.
- Chilvers, R.N. 1998. *Changes in the abundance and distribution of the Shelduck (Tadorna tadorna) on the Eden estuary, N. E. Fife, Scotland*. Unpublished M. Phil. thesis, University of St Andrews.
- Evans, P.R. & Pienkowski, M.W. 1982. Behaviour of shelducks *Tadorna tadorna* in a winter flock: does regulation occur? *Journal of Animal Ecology* 51: 241-262.
- Ewins, P.J. 1987b. The status, distribution and breeding of Shelducks in Shetland. *Shetland Bird Report* 1986: 54-61.
- Friswell, N. & Wells, C.E. 2000. A major new Shelduck moult site. *Cheshire and Wirral Bird Report* 1998: 95-97.
- Hori, J. 1969. Social and population studies in the Shelduck. *Wildfowl* 20: 5-22.
- Jenkins, D. 1972. The status of Shelducks in the Forth area. *Scottish Birds* 7: 183-201.
- Jenkins, D., Murray, M.G. & Hall, P. 1975. Structure and regulation of a shelduck (*Tadorna tadorna* (L.)) population. *Journal of Animal Ecology* 44: 201-231.
- Macdonald, D. 1980. Shelduck killed in territorial dispute. *Scottish Birds* 11: 53.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Meltofte, H., Blew, J., Frikke, J., Röner, H.-U. & Smit, C.J. 1994. Numbers and distribution of water birds in the Wadden Sea. Results and evaluation of 36 simultaneous counts in the Dutch-German-Danish Wadden Sea 1980-1991. *Wader Study Group Bulletin* 74 (Special Issue): 17-192.
- Patterson, I.J. 1982. *The Shelduck: a study of behavioural ecology*. Cambridge University Press, Cambridge.
- Patterson, I.J. & Makepeace, M. 1979. Mutual interference during nest-prospecting in the Shelduck. *Animal Behaviour* 27: 522-535.
- Patterson, I.J., Makepeace, M. & Williams, G. 1979. Limitation of local population size in the Shelduck. *Ardea* 71: 105-115.
- Pienkowski, M.W. & Evans, P.R. 1978. Shelducks on the Firth of Forth. *Edinburgh Ringing Group Bulletin* 6: 10-18.
- Pienkowski, M.W. & Evans, P.R. 1979. The origins of Shelducks moulting in the Forth. *Bird Study* 26: 195-196.
- Pienkowski, M.W. & Evans, P.R. 1982a. Breeding behaviour, productivity and survival of colonial and non-colonial Shelducks *Tadorna tadorna*. *Ornis Scandinavica* 13: 101-116.
- Pienkowski, M.W. & Evans, P.R. 1982b. Clutch parasitism and nesting interference between Shelducks at Aberlady Bay. *Wildfowl* 33: 159-163.
- Suddaby, D. 1993. The distribution of breeding Shelducks in Shetland, 1992. *Shetland Bird Report* 1992: 86-88.
- Thompson, D.A.B. 1980. Unusual food of Shelduck. *Scottish Birds* 11: 83.
- Thompson, D.A.B. 1981. Feeding behaviour of wintering Shelduck on the Clyde estuary. *Wildfowl* 32: 88-98.
- Thompson, D.A.B. 1982a. The abundance and distribution of inter-tidal invertebrates, and an estimation of their selection by Shelduck. *Wildfowl* 33: 151-158.

Yarker, B. & Atkinson-Willes, G.L. 1971. The numerical distribution of some British breeding ducks. *Wildfowl* 22: 63-70.

016 Mandarin Duck (6)

- Anderson, D.I.K. & Petty, S.J. 1996. Population growth and breeding of Mandarin *Aix galericulata* in Cowal, Argyll. *Argyll Bird Report* 12: 82-84.
- Cosgrove, P. 2003. Mandarin Ducks in northern Scotland and the potential consequences for breeding Goldeneye. *Scottish Birds* 24 (1): 1-10.
- Davies, A.K. 1988a. The distribution and status of the Mandarin Duck *Aix galericulata* in Britain. *Bird Study* 35: 203-208.
- Delany, S. & Scott, D. 2002. *Waterbird Population Estimates*. 3rd Edition. Wetlands International Global Series No. 12. Wetlands International, Wageningen, The Netherlands.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Petty, S.J. & Anderson, D.I.K. 1994. First breeding records of the Mandarin in Argyll. *Scottish Birds* 17: 164-165.

017 Eurasian Wigeon (31)

- Adair, P. 1895. Wigeon breeding in Selkirkshire. *Annals of Scottish Natural History* 1895: 231-233.
- Baxter, E.V. & Rintoul, L.J. 1922. *Some Scottish Breeding Duck: their arrival and dispersal*. Oliver & Boyd, Edinburgh.
- Bell, M.C. & Mitchell, C. 1996. *Survival in surface feeding ducks*. Unpublished report to JNCC. Wetlands & Wildfowl Trust, Slimbridge.
- Berry, J. 1939. *The Status and Distribution of Wild Geese and Wild Duck in Scotland*. Volume 2. International Wildfowl Inquiry. The University Press, Cambridge.
- Blackwood, G.G. 1911b. Wigeon breeding in Roxburghshire. *Annals of Scottish Natural History* 1911: 117-118.
- Bolam, G. 1896b. On the breeding of Wigeon in the Borders. *Annals of Scottish Natural History* 1896: 219-220.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
- Cook, M. 1992. *The Birds of Moray and Nairn*. The Mercat Press, Edinburgh.
- Dennis, R. 1995a. *The Birds of Badenoch and Strathspey*. 2nd Edition. Colin Baxter Photography, Grantown-on-Spey.
- Dougall, T.W. 1978. *Census of breeding Wigeon (Anas penelope) in part of the Ettrick Forest*. NCC Report.
- Duncan, R. 1992a. Female natal philopatry in a Scottish Wigeon population. *Scottish Birds* 16: 222.
- Duncan, R. 1998. An unusual open Wigeon nest. *Scottish Birds* 19: 172.
- Fox, A.D., Jarrett, N., Gitay, H. & Paynter, D. 1989. Late summer habitat selection by breeding waterfowl in northern Scotland. *Wildfowl* 40: 106-114.
- Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
- Jardine, W. 1843. [Wigeon]. *The Naturalist's Library (Ornithology)* 14: 130-134.
- Jourdain, F.C.R. 1922. Breeding dates of Wigeon, Shoveller, and other ducks in Scotland. *Scottish Naturalist* 1922: 15-17.
- Maclean, I.M.D., Austin, G.E., Mellan, H.J. & Girling, T. 2005. *WeBS Alerts 2003/2004: changes in numbers of wintering waterbirds in the United Kingdom, its Constituent Countries, Special Protection Areas (SPAs) and Sites of Special Scientific Interest (SSSIs)*. BTO Research Report 416. BTO, Thetford.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Mayhew, P.W. 1988. The daily energy intake of European Wigeon in Winter. *Ornis Scandinavica* 19: 217-233.
- Mitchell, C., Owen, M. & Etheridge, B. 1995. *Within-winter movements and winter site fidelity of Wigeon in Britain and Ireland*. Report to JNCC. WWT, Slimbridge.
- Newton, I. & Campbell, C.R.G. 1975. Breeding of duck at Loch Leven, Kinross. *Wildfowl* 26: 83-102.
- Owen, M., Atkinson-Willes, G.L. & Salmon, D.G. 1986. *Wildfowl in Great Britain*. 2nd Edition. Cambridge University Press, Cambridge.
- Owen, M. & Mitchell, C. 1988. Movements and migrations of Wigeon *Anas penelope* wintering in Britain and Ireland. *Bird Study* 35: 47-59.
- Parslow, J.L.F. 1973. *Breeding Birds in Britain and Ireland: a historical survey*. T. & A.D. Poyser, Berkhamsted.
- Ratcliffe, D.A. & Oswald, P.H. 1988. *The Flow Country: the peatland of Caithness and Sutherland*. NCC Publications.
- Rintoul, L.J. & Baxter, E.V. 1935. *A Vertebrate Fauna of Forth*. Oliver & Boyd, Edinburgh & London.
- Rose, P.M. 1995. *Western Palearctic and South West Asia Waterfowl Census 1994*. IWRB Publication 29. IWRB, Slimbridge.
- Saxby, H.L. 1874. *The Birds of Shetland*. Maclachlan & Stewart, Edinburgh.
- Thomson, D.L. & Dougall, T.W. 1988. The status of Wigeon in the Ettrick Forest. *Scottish Birds* 15: 61-64.
- Wright, G.A. 1986. Breeding wildfowl of Loch Leven National Nature Reserve. *Scottish Birds* 14: 39-43.
- Yarker, B. & Atkinson-Willes, G.L. 1971. The numerical distribution of some British breeding ducks. *Wildfowl* 22: 63-

018 American Wigeon (13)

- Anderson, J.A., Rintoul, L.J. & Baxter, E.V. 1920. Occurrences of the American Wigeon in Scotland. *Scottish Naturalist* 1920: 13-14.
- Bryant, D.M. 1972. American Wigeon in Fife. *Scottish Birds* 7: 92.
- Carins, M. 1967. American Wigeon in Shetland. *Scottish Birds* 4: 445.
- Clarke, A.L., Sæther, B.E. & Røskaft, E. 1997. Sex biases in avian dispersal: a reappraisal. *Oikos* 79: 429-438.
- Corbett, E.M. 1907. Occurrence of the American Wigeon in Benbecula, Outer Hebrides. *Annals of Scottish Natural History* 1907: 116.
- Cross, D. 1948. American Wigeon in Shetland. *The Field* 17th July: 76.
- Dennis, R.H. 1965. American Wigeon in east Inverness. *Scottish Birds* 3: 360.
- Dennis, R.H. 1966d. Green-winged Teal and American Wigeon in Inverness-shire. *Scottish Birds* 4: 294.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Sinclair, M. & Walker, F.J. 1968. American Wigeon in Shetland. *Scottish Birds* 5: 23.
- Votier, S.C., Harrop, A.H.J. & Denny, M. 2003a. A review of the status and identification of American Wigeon in Britain and Ireland. *British Birds* 96: 2-22.
- Walker, F.J. 1968b. American Wigeon in Shetland. *Scottish Birds* 5: 210.
- Wallace, D.I.M. 1960. American Wigeon (Balldpate) in Inverness. *Scottish Birds* 1: 183.

019 Gadwall (30)

- Alstron, C.H. 1913. Gadwall in Caithness. *Scottish Naturalist* 1913: 20.
- Amat, J.A. & Soriguer, R.C. 1984. Kleptoparasitism of Coots by Gadwalls. *Ornis Scandinavica* 15: 188-194.
- Anon. 1906. Current literature. *Annals of Scottish Natural History* 1906: 245-246.
- Austin, G.E., Jackson, S.S.F. & Mellan, H.J. 2004a. *WeBS Alerts 2000/2001: changes in numbers of wintering waterbirds in the United Kingdom, its Constituent Countries, Special Protection Areas (SPAs) and Sites of Special Scientific Interest (SSSIs)*. BTO Research Report 349. BTO, Thetford.
- Baxter, E.V. & Rintoul, L.J. 1909. Nesting of the Gadwall in Scotland. *Annals of Scottish Natural History* 1909: 184.
- Baxter, E.V. & Rintoul, L.J. 1920. The Gadwall as a Scottish breeding species. *Scottish Naturalist* 1920: 15.
- Baxter, E.V. & Rintoul, L.J. 1922. *Some Scottish Breeding Duck: their arrival and dispersal*. Oliver & Boyd, Edinburgh.
- Baxter, E.V. & Rintoul, L.J. 1948. Gadwall in North Perth. *Scottish Naturalist* 1948: 220.
- Berry, J. 1939. *The Status and Distribution of Wild Geese and Wild Duck in Scotland*. Volume 2. International Wildfowl Inquiry. The University Press, Cambridge.
- Buckley, T.E. 1896a. Gadwall in Shetland. *Annals of Scottish Natural History* 1896: 122.
- Buckley, T.E. 1898. Gadwall in Moray. *Annals of Scottish Natural History* 1898: 117.
- Campbell, J.W. & Rayfield, P.A. 1948. Gadwall in North Perth and Wester Ross. *Scottish Naturalist* 1948: 133.
- Evans, W. 1908e. Gadwall in Scotland in the breeding season. *Annals of Scottish Natural History* 1908: 254.
- Evans, W. 1910b. Nesting of the Gadwall and the Widgeon in "Forth". *Annals of Scottish Natural History* 1910: 249.
- Fox, A.D. 1988. Breeding status of the Gadwall in Britain and Ireland. *British Birds* 81: 51-66.
- Fox, A.D. & Salmon, D.G. 1989. The winter status and distribution of Gadwall in Britain and Ireland. *Bird Study* 36: 37-44.
- Gibson, S. 2006. A recent history of Gadwall in the Clyde area. *Clyde Birds* 16: 120-134.
- Gilissen, N., Haanstra, L., Delany, S., Boere, G. & Hagemeijer, W. 2002. *Numbers and distribution of wintering waterbirds in the Western Palearctic and Southwest Asia in 1997, 1998 and 1999: results from the International Waterbird Census*. Wetlands International Global Series No. 11. Wetlands International, Wageningen, The Netherlands.
- Harvie-Brown, J.A. & Buckley, T.E. 1892. *A Vertebrate Fauna of Argyll and the Inner Hebrides*. David Douglas, Edinburgh.
- Jackson, A.C. 1913a. Gadwall nesting in Caithness. *Scottish Naturalist* 1913: 44.
- Jackson, A.C. 1915. Gadwall nesting in Caithness. *Scottish Naturalist* 1915: 94.
- Knights, C. 1984. Gadwalls and Black-headed Gulls feeding with Coot. *British Birds* 77: 21-22.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Maxwell, H. 1904. Gadwall in Wigtownshire. *Annals of Scottish Natural History* 1904: 57.
- Newton, I. & Campbell, C.R.G. 1975. Breeding of duck at Loch Leven, Kinross. *Wildfowl* 26: 83-102.
- Paterson, J. & Robertson, J. 1904. Gadwall in East Renfrewshire. *Annals of Scottish Natural History* 1904: 127.
- Ramsay, L.N.G. & Thompson, A.L. 1908. Gadwall in Aberdeenshire. *Annals of Scottish Natural History* 1908: 184.
- Smith, A.V. 1959b. Gadwall breeding on south Inverness. *Scottish Birds* 1: 92.
- Stroud, D.A., Chambers, D., Cook, S., Buxton, N., Fraser, B., Clement, P., Lewis, P., McLean, I., Baker, H. &

- Whitehead, S. 2001. *The UK SPA network: its scope and content*. Joint Nature Conservation Committee, Peterborough.
- Urquhart, L.A. 1964. Parasitic association of Gadwall and Coot. *Scottish Birds* 3: 195.

020 Eurasian Teal (16)

- Berry, J. 1939. *The Status and Distribution of Wild Geese and Wild Duck in Scotland*. Volume 2. International Wildfowl Inquiry. The University Press, Cambridge.
- British Ornithologists' Union (BOU). 2001. British Ornithologists' Union Records Committee: 27th Report (October 2000). *Ibis* 143: 171-175.
- Collier, M.P., Banks, A.N., Austin, G.E., Girling, T., Hearn, R.D. & Musgrove, A.J. 2005. *The Wetland Bird Survey 2003/04: wildfowl and wader counts*. BTO/WWT/RSPB/JNCC, Slimbridge.
- Duncan, R. 1992c. The autumn dispersal of Grampian Teal ducklings. *Grampian Ringing Group Report* 7: 46-48.
- Fox, A.D. 1986. The breeding Teal *Anas crecca* of a coastal raised mire in central west Wales. *Bird Study* 33: 18-23.
- Gitay, H., Fox, A.D. & Ridgill, S.C. 1990. Survival estimates of Teal *Anas crecca* ringed at 3 stations in Britain. *The Ring* 13: 210-248.
- Gregory, R.D., Wilkinson, N.I., Noble, D.G., Robinson, J.A., Brown, A.F., Hughes, J., Procter, D., Gibbons, D.W. & Galbraith, C.A. 2002. The population status of birds in the United Kingdom, Channel Islands and Isle of Man: an analysis of conservation concern 2002-2007. *British Birds* 95: 410-448.
- Innes, M. 1996. The movement of wildfowl off Peterhead, Grampian. *North-East Scotland Bird Report* 1995: 67-86.
- Jackson, S.F., Austin, G.E. & Armitage, M.J.S. 2006. Surveying waterbirds away from major waterbodies: implications for waterbird population estimates in Great Britain. *Bird Study* 53: 105-111.
- Lauder, A.W. 2007. Trends in the breeding duck (Anatidae) population at Loch Leven, Perth & Kinross 1966-2004. *Scottish Birds*.
- MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
- Maclean, I.M.D., Austin, G.E., Mellan, H.J. & Girling, T. 2005. *WeBS Alerts 2003/2004: changes in numbers of wintering waterbirds in the United Kingdom, its Constituent Countries, Special Protection Areas (SPAs) and Sites of Special Scientific Interest (SSSIs)*. BTO Research Report 416. BTO, Thetford.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Newton, I. & Campbell, C.R.G. 1975. Breeding of duck at Loch Leven, Kinross. *Wildfowl* 26: 83-102.
- Sangster, G., Collinson, M., Helbig, A.J., Knox, A.G., Parkin, D.T. & Prater, A. 2001. The taxonomic status of Green-winged Teal *Anas carolinensis*. *British Birds* 94: 218-226.
- Wright, G.A. 1986. Breeding wildfowl of Loch Leven National Nature Reserve. *Scottish Birds* 14: 39-43.

021 Green-winged Teal (12)

- American Ornithologists' Union (AOU). 1998. *The Check-list of North American Birds: the species of birds of North America from the Arctic through Panama, including the West Indies and the Hawaiian Islands*. 7th Edition. American Ornithologists' Union, Ithaca.
- Andrew, D.G. & Smout, T.C. 1961. Green-winged Teal in Midlothian. *Scottish Birds* 1: 490-491.
- Crawford, W. 1958. Green-winged Teal in Aberdeenshire. *Scottish Birds* 1: 10-11.
- Dennis, R.H. 1963a. Green-winged Teal in Inverness-shire. *Scottish Birds* 2: 418.
- Dennis, R.H. 1966d. Green-winged Teal and American Wigeon in Inverness-shire. *Scottish Birds* 4: 294.
- Erskine-Hill, R. 1969. Green-winged Teal in Lanarkshire. *Scottish Birds* 5: 279-280.
- Halliday, K.C.R., Halliday, H.S.C. & McFarlane, J.M. 1970. Green-winged Teal in Fife. *Scottish Birds* 6: 28.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Sangster, G., Collinson, M., Helbig, A.J., Knox, A.G., Parkin, D.T. & Prater, A. 2001. The taxonomic status of Green-winged Teal *Anas carolinensis*. *British Birds* 94: 218-226.
- Urquhart, L.A. 1965. Green-winged Teal in Renfrewshire. *Scottish Birds* 3: 408-409.
- Venables, L.S.V. & Venables, U.M. 1955. *The Birds and Mammals of Shetland*. Oliver & Boyd, Edinburgh.
- Zonfrillo, B. 1967. Green-winged Teal in Lanarkshire and Dunbartonshire. *Scottish Birds* 4: 502-503.

022 Mallard (14)

- Baillie, S.R., Marchant, J.H., Crick, H.Q.P., Noble, D.G., Balmer, D.E., Coombes, R.H., Downie, I.S., Freeman, S.N., Joys, A.C., Leech, D.I., Raven, M.J., Robinson, R.A. & Thewlis, R.M. 2006. *Breeding Birds in the Wider Countryside: their conservation status 2005*. BTO Research Report 435. BTO, Thetford.
- Clark, N.A., Varley, T.A., Evans, J. & Wright, G.A. 1987. Breeding success of Mallard *Anas platyrhynchos* at Loch Leven National Nature Reserve. *Bird Study* 34: 129-134.
- Collier, M.P., Banks, A.N., Austin, G.E., Girling, T., Hearn, R.D. & Musgrove, A.J. 2005. *The Wetland Bird Survey 2003/04: wildfowl and wader counts*. BTO/WWT/RSPB/JNCC, Slimbridge.

- Harradine, J. 1985. Duck shooting in the United Kingdom. *Wildfowl* 36: 81-94.
- Innes, M. 1996. The movement of wildfowl off Peterhead, Grampian. *North-East Scotland Bird Report* 1995: 67-86.
- Jackson, S.F., Austin, G.E. & Armitage, M.J.S. 2006. Surveying waterbirds away from major waterbodies: implications for waterbird population estimates in Great Britain. *Bird Study* 53: 105-111.
- Lauder, A.W. 2007. Trends in the breeding duck (Anatidae) population at Loch Leven, Perth & Kinross 1966-2004. *Scottish Birds*.
- Mackey, E.C., Shaw, P., Holbrook, J., Shewry, M.C., Saunders, G., Hall, J. & Ellis, N.E. 2001. *Natural Heritage Trends: Scotland 2001*. Scottish Natural Heritage, Perth.
- Maclean, I.M.D., Austin, G.E., Mellan, H.J. & Girling, T. 2005. *WeBS Alerts 2003/2004: changes in numbers of wintering waterbirds in the United Kingdom, its Constituent Countries, Special Protection Areas (SPAs) and Sites of Special Scientific Interest (SSSIs)*. BTO Research Report 416. BTO, Thetford.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Murray, R.D. 1988. The 1987 B.T.O. sawbill census. *Borders Bird Report* 1987: 62-80.
- Newton, I. & Campbell, C.R.G. 1975. Breeding of duck at Loch Leven, Kinross. *Wildfowl* 26: 83-102.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Wright, G.A. 1986. Breeding wildfowl of Loch Leven National Nature Reserve. *Scottish Birds* 14: 39-43.

023 American Black Duck (8)

- Clugston, D.L. 1981. Black Duck in Renfrewshire. *Scottish Birds* 11: 223.
- Gordon, P.R. 1986. Black Duck at Tynningham. *Lothian Bird Report* 1985: 109.
- Kennedy, P.G. 1955. Black Duck in Co. Kilkenny: a bird new to Ireland and Britain. *British Birds* 48: 341.
- Longcore, J.R., McAuley, D.G., Hepp, G.R. & Rhymer, J.M. 2000. American Black Duck (*Anas rubripes*). In: Poole, A. & Gill, F. (eds) *The Birds of North America*. Volume 481. The Birds of North America Inc., Philadelphia, PA.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Palmer, P. 2000. *First for Britain and Ireland, 1600-1999*. Arlequin Press, Chelmsford.
- Wills, J. 2005a. Black Duck, New Pitsligo - a first for North-east Scotland. *Birding Scotland* 8: 16-18.
- Wills, J. 2005b. The Black Duck at New Pitsligo – the first record for North-East Scotland. *North-East Scotland Bird Report* 2004: 126-127.

024 Northern Pintail (24)

- Baxter, E.V. & Rintoul, L.J. 1922. *Some Scottish Breeding Duck: their arrival and dispersal*. Oliver & Boyd, Edinburgh.
- Bennett, A.E. 1952. Pintail (*Anas acuta*) nesting in Tiree. *Scottish Naturalist* 1952: 117-118.
- Berry, J. 1939. *The Status and Distribution of Wild Geese and Wild Duck in Scotland*. Volume 2. International Wildfowl Inquiry. The University Press, Cambridge.
- Best, M.G.S. 1937. Pintail in Sutherland. *Scottish Naturalist* 1937: 24.
- Buckley, T.E. 1901b. Pintail in Caithness. *Annals of Scottish Natural History* 1901: 236.
- Buckley, T.E. 1902b. Pintail in Caithness-shire. *Annals of Scottish Natural History* 1902: 184.
- Clarke, J. & Clarke, P.M. 1988. Pintail breeding on Colonsay. *Scottish Birds* 15: 44.
- Evans, W. 1898. Pintail nesting in the “Forth” area. *Annals of Scottish Natural History* 1898: 162.
- Evans, W. 1900. Pintails at Edenmouth. *Annals of Scottish Natural History* 1900: 123.
- Hale, J.R. & Aldworth, T.P. 1910. Notes on birds in Orkney in 1910. *British Birds* 4: 220-221.
- Harvie-Brown, J.A. 1902c. On the avifauna of the Outer Hebrides, 1888-1902. *Annals of Scottish Natural History* 1902: 83-91, 136-151, 199-217.
- Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
- Harvie-Brown, J.A. & Buckley, T.E. 1895. *A Vertebrate Fauna of the Moray Basin*. Two volumes. David Douglas, Edinburgh.
- Harvie-Brown, J.A. & Macpherson, H.A. 1904. *A Fauna of the North-west Highlands and Skye*. David Douglas, Edinburgh.
- Henderson, T. 1906a. Breeding of the Pintail Duck in Shetland. *Annals of Scottish Natural History* 1906: 53.
- Laidlaw, T.G. 1897. Pintail in the Forth district. *Annals of Scottish Natural History* 1897: 252.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- Meek, E.R. 1993a. The status of the Pintail in the Orkney Islands. *Scottish Birds* 17: 14-19.
- Noble, H. 1908. On the identification of ducks' eggs. *British Birds* 2: 18-23.
- Parslow, J.L.F. 1967. Changes in status among breeding birds in Britain and Ireland. *British Birds* 60: 396-404.

- Renton, W. 1902. Pintail nesting in Selkirkshire. *Annals of Scottish Natural History* 1902: 120.
 Thom, V.M. 1969. Wintering duck in Scotland 1962-68. *Scottish Birds* 5: 417-466.
 Watson, D. 1964. Pintail breeding in Kirkcudbrightshire. *Scottish Birds* 3: 195.

025 Garganey (29)

- Baikie, W.B. & Heddle, R. 1848. *Naturalis Orcadensis. Zoology. Part I. Being a Catalogue of the Mammalia and Birds hitherto Observed in the Orkney Islands.* J. & W. Patterson, Edinburgh.
 Balfour, E. 1972. *Orkney Birds: status and guide.* Charles Senior, Stromness.
 Baxter, E.V. & Rintoul, L.J. 1936a. Garganey and Wood Sandpiper in South Fife. *Scottish Naturalist* 1936: 149.
 Baxter, E.V. & Rintoul, L.J. 1936b. Garganey in Kinross. *Scottish Naturalist* 1936: 172.
 Berry, J. 1939. *The Status and Distribution of Wild Geese and Wild Duck in Scotland.* Volume 2. International Wildfowl Inquiry. The University Press, Cambridge.
 Christer, G. 1991. Garganey breeding attempt at Loch of Strathbeg RSPB reserve. *North-East Scotland Bird Report* 1990: 71-72.
 Cumming, H.G. 1920. Garganey near Glasgow. *Scottish Naturalist* 1920: 153.
 Dennis, R. 1984. *Birds of Badenoch and Strathspey.* Roy Dennis Enterprises, North Kessock.
 Gibson, I. 1998a. Probable breeding of Garganey in the Clyde Area. *Clyde Birds* 10: 143.
 Grierson, J. 1962. A check-list of the birds of Tentsmuir, Fife. *Scottish Birds* 2: 113-164.
 Hamilton, F., Smith, R.W.J. & Walker, C. 1950. Garganey in Outer Hebrides. *Scottish Naturalist* 1950: 183.
 Hamilton, F.D. & Macgregor, K.S. 1960. The birds of Aberlady Bay Nature Reserve. *Transactions of the East Lothian Antiquarian and Field Naturalists' Society* 8: 1-33.
 Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore.* David Douglas, Edinburgh.
 Hogg, A. 1981. Garganey breeding in Clyde faunal area. *Scottish Birds* 11: 164.
 Hogg, A. 1983. *Birds of Ayrshire: a county checklist.* Glasgow University, Glasgow.
 MacGillivray, W. 1837-52. *A History of British Birds.* Five volumes. W.S. Orr & Co., London.
 Meiklejohn, M.F.M. 1953. Garganeys in North Argyll and South Inverness. *Scottish Naturalist* 1953: 127-128.
 Meiklejohn, M.F.M. & Palmar, C.E. 1952. Recent notes on the birds of the Clyde area, 1950. *Scottish Naturalist* 1952: 26-30.
 Molteno, D.I. 1938. Garganey in Orkney. *Scottish Naturalist* 1938: 147.
 Rennie, W. 1936. Garganey near Glasgow. *Scottish Naturalist* 1936: 150.
 Rintoul, L.J. & Baxter, E.V. 1935. *A Vertebrate Fauna of Forth.* Oliver & Boyd, Edinburgh & London.
 Ritchie, J. 1928. The Garganey – an addition to the breeding birds of Scotland. *Scottish Naturalist* 1928: 77-80.
 Robertson, J. 1922. Garganey in Dumbartonshire. *Scottish Naturalist* 1922: 174.
 Saxby, T.E. 1907. Garganey in Shetland. *Annals of Scottish Natural History* 1907: 182.
 Sim, G. 1899b. Garganey and Gadwall in Aberdeenshire. *Annals of Scottish Natural History* 1899: 50.
 Turnbull, W.P. 1863. *The Birds of East Lothian and a Portion of the Adjoining Counties from Memorandums made between 1845-1850.* Caxton Press of Sherman, Son & Co., Philadelphia.
 Walls, F.D.E. 1949a. Garganey in Ayrshire. *Scottish Naturalist* 1949: 184.
 Watson, D. 1949. Garganey in East Lothian. *Scottish Naturalist* 1949: 123.
 Wilson, R.S.W. 1923. Garganey in Lanarkshire. *Scottish Naturalist* 1923: 17.

026 Blue-winged Teal (10)

- Anon. 1951. American Blue-winged Teal in South Uist, Outer Hebrides. *Scottish Naturalist* 1951: 191-193.
 Anon. 1952d. Corrections. *Scottish Naturalist* 1952: 182.
 Dennis, J.V. 1990. Banded North American birds encountered in Europe: an update. *North American Bird Bander* 15 (4): 131.
 Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland.* T. & A.D. Poyser, Calton.
 Garner, M.S. & Lansdown, P. 1991. Blue-winged or Cinnamon Teal? *British Birds* 84: 285-287.
 Gibson, W.G. 1858. Blue-winged Teal. *Naturalist* 1858: 168.
 Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area.* H.F. & G. Witherby, London.
 Macdonald, J.D. 1951. American Blue-winged Teal in South Uist, Outer Hebrides. *Scottish Naturalist* 1951: 191-192.
 McGregor, A.R. 1970. Blue-winged Teal in Outer Hebrides. *Scottish Birds* 6: 28-33.
 Walker, K.G. 1967d. Blue-winged Teal in Orkney. *Scottish Birds* 4: 503.

027 Northern Shoveler (19)

- Baikie, W.B. & Heddle, R. 1848. *Naturalis Orcadensis. Zoology. Part I. Being a Catalogue of the Mammalia and Birds hitherto Observed in the Orkney Islands.* J. & W. Patterson, Edinburgh.
 Baxter, E.V. & Rintoul, L.J. 1922. *Some Scottish Breeding Duck: their arrival and dispersal.* Oliver & Boyd, Edinburgh.

- Berry, J. 1939. *The Status and Distribution of Wild Geese and Wild Duck in Scotland*. Volume 2. International Wildfowl Inquiry. The University Press, Cambridge.
- Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.
- Godfrey, R. 1897a. Shoveller in East and Mid Lothian. *Annals of Scottish Natural History* 1897: 43-44.
- Harvey, W. 1892. The Shoveller (*Spatula clypeata* L.) nesting in Sanday, Orkney. *Annals of Scottish Natural History* 1892: 138.
- Harvie-Brown, J.A. 1903c. Shoveller and Tufted Duck nesting on South Uist. *Annals of Scottish Natural History* 1903: 245.
- Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
- Kirkby, J.S. & Mitchell, C. 1993. Distribution and status of wintering Shovelers *Anas clypeata* in Great Britain. *Bird Study* 40: 170-180.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Maxwell, H. 1895. The Shoveller in Wigtonshire. *Annals of Scottish Natural History* 1895: 55.
- Newton, I. & Campbell, C.R.G. 1975. Breeding of duck at Loch Leven, Kinross. *Wildfowl* 26: 83-102.
- Ogilvie, M.A. 1962. The movement of Shoveler ringed in Britain. *Wildfowl Trust Annual Report* 13: 65-69.
- Owen, M., Atkinson-Willes, G.L. & Salmon, D.G. 1986. *Wildfowl in Great Britain*. 2nd Edition. Cambridge University Press, Cambridge.
- Rose, P.M. 1995. *Western Palearctic and South West Asia Waterfowl Census 1994*. IWRB Publication 29. IWRB, Slimbridge.
- Thom, V.M. 1969. Wintering duck in Scotland 1962-68. *Scottish Birds* 5: 417-466.
- Walls, F.D.E. 1949b. Shoveler nesting in Ayrshire. *Scottish Naturalist* 1949: 184.
- Wright, G.A. 1986. Breeding wildfowl of Loch Leven National Nature Reserve. *Scottish Birds* 14: 39-43.
- Yarker, B. & Atkinson-Willes, G.L. 1971. The numerical distribution of some British breeding ducks. *Wildfowl* 22: 63-70.

028 Red-crested Pochard (10)

- Baatsen, R.G. 1990. Red-crested Pochard *Netta rufina* in the Cotswold Water Park. *Hobby* 16: 64-67.
- Baxter, P.A.A. 1998a. The status of Red-crested Pochard in Scotland. *Birding Scotland* 1: 51-56.
- Brown, A. & Grice, P. 2005. *Birds in England*. T. & A.D. Poyser, London.
- Connell, C.G. 1925. Red-crested Pochard (*Netta rufina*, Pallas), a rare Scottish immigrant, in Midlothian. *Scottish Naturalist* 1925: 21-22.
- Dudley, S.P. 2005. Changes to Category C of the British List. *Ibis* 147: 803-820.
- Graham, H.D. 1890. *The Birds of Iona and Mull*. David Douglas, Edinburgh.
- Hughes, B. 1988. *1988 Waterfowl Survey and Report*. Unpublished report. WWT, Slimbridge.
- MacKinnon, J. & Phillipps, K. 2000. *A Field Guide to the Birds of China*. Oxford University Press, Oxford.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Pyman, G.A. 1959. The status of the Red-crested Pochard in the British Isles. *British Birds* 52: 42-56.

029 Canvasback (3)

- Alderfer, J. 2006. *Complete Birds of North America*. National Geographic Society, Washington.
- Dillon, I. 2000. Canvasback on Orkney - a first for Scotland? *Birding Scotland* 3: 155-156.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.

030 Common Pochard (18)

- Anderson, J.J. 1967. Hybrid Tufted Duck x Pochard in Edinburgh. *Scottish Birds* 4: 553- 554.
- Austin, G.E., Jackson, S.S.F. & Mellan, H.J. 2004a. *WeBS Alerts 2000/2001: changes in numbers of wintering waterbirds in the United Kingdom, its Constituent Countries, Special Protection Areas (SPAs) and Sites of Special Scientific Interest (SSSIs)*. BTO Research Report 349. BTO, Thetford.
- Baxter, E.V. & Rintoul, L.J. 1922. *Some Scottish Breeding Duck: their arrival and dispersal*. Oliver & Boyd, Edinburgh.
- Berry, J. 1939. *The Status and Distribution of Wild Geese and Wild Duck in Scotland*. Volume 2. International Wildfowl Inquiry. The University Press, Cambridge.
- Campbell, L.H. 1984. The impact of changes in sewage treatment on seaducks wintering in the Firth of Forth, Scotland. *Biological Conservation* 28: 173-180.
- Fox, A.D. 1991. History of the Pochard breeding in Britain. *British Birds* 84: 83-98.
- Fox, A.D. & Salmon, D.G. 1988. Changes in non-breeding distribution and habitat of Pochard *Aythya ferina* in Britain.

- Biological Conservation* 46: 303-316.
- Hockey, P.A.R. 1983. Status and sex ratio of Pochard wintering at Edinburgh. *Scottish Birds* 12: 143-148.
- Hori, J. 1966. Observations on Pochard and Tufted Duck breeding biology with particular reference to colonisation of a home range. *Bird Study* 13: 297-305.
- Jourdain, F.C.R. 1922. Breeding dates of Wigeon, Shoveller, and other ducks in Scotland. *Scottish Naturalist* 1922: 15-17.
- Maclean, I.M.D., Austin, G.E., Mellan, H.J. & Girling, T. 2005. *WeBS Alerts 2003/2004: changes in numbers of wintering waterbirds in the United Kingdom, its Constituent Countries, Special Protection Areas (SPAs) and Sites of Special Scientific Interest (SSSIs)*. BTO Research Report 416. BTO, Thetford.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- McGowan, R.Y. 1988. Early records of Pochard breeding in Fife. *Scottish Birds* 15: 90.
- Olney, P.J.S. 1968. The food and feeding-habits of the Pochard, *Aythya ferina*. *Biological Conservation* 1: 71-76.
- Phillips, V.E. 1991. Pochard *Aythya ferina* use of chironomid-rich feeding habitat in winter. *Bird Study* 38: 118-122.
- Stewart, B. & Lauder, A. 1997. Gizzard contents of Pochard, Tufted Duck and Goldeneye from Loch Leven, Kinross, in winter 1994-95. *Scottish Birds* 19: 28-35.
- Stroud, D.A., Chambers, D., Cook, S., Buxton, N., Fraser, B., Clement, P., Lewis, P., McLean, I., Baker, H. & Whitehead, S. 2001. *The UK SPA network: its scope and content*. Joint Nature Conservation Committee, Peterborough.
- Thom, V.M. 1969. Wintering duck in Scotland 1962-68. *Scottish Birds* 5: 417-466.

031 Redhead (2)

- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Scott, C., Gillon, K. & Rivers, S.L. 2004. The female Redhead on Barra, September 2003 to April 2004 - the first Scottish record. *Birding Scotland* 7: 130-135.

032 Ring-necked Duck (4)

- Cook, M.J.H. 1970. Ring-necked Duck in Aberdeenshire. *Scottish Birds* 6: 33-34.
- Dennis, R.H. & MacDonell, M.T. 1963. Ring-necked Duck in Inverness-shire - a new Scottish bird. *Scottish Birds* 2: 476-478.
- Fraser, P.A. & Rogers, M.J. 2005. Report on scarce migrant birds in Britain in 2002. Part 2: American Wigeon to Ring-billed Gull. *British Birds* 98: 73-88.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.

033 Ferruginous Duck (13)

- Brock, E.R. 1949. Ferruginous Duck near Dumbarton. *Scottish Naturalist* 1949: 124.
- Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
- Davidson, B., Given, D. & Hogg, A. 1988. Ferruginous Duck at Craufurdland and North Craig Reservoir from 21-26 October 1987. *Ayrshire Bird Report* 1987: 46-47.
- Davidson, G.D. 1929. Ferruginous and Scaup Ducks in Selkirkshire. *Scottish Naturalist* 1929: 86.
- Fisher, I. & Proctor, R. 1999. Identification and status of Ferruginous Duck in Scotland. *Birding Scotland* 2: 151-156.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Palmer, P. 2000. *First for Britain and Ireland, 1600-1999*. Arlequin Press, Chelmsford.
- Pennie, I.D. & Gunn, J.M. 1951. Birds in the Wick Museum *Scottish Naturalist* 1951: 196-197.
- Sim, G. 1903. *The Vertebrate Fauna of 'Dee'*. Wyllie, Aberdeen.
- Smith, J.A. 1855. Notice of the Ferruginous, or White-eyed Duck (*Nyroca leucophthalmos*, Flem.), recently shot near Musselburgh. *Proceedings of the Royal Physical Society of Edinburgh* 1: 52.
- Squire, J. 2003. Ferruginous Duck, Loch Gelly, Fife, July 2003 - the first Fife record. *Birding Scotland* 6: 168-170.
- Tucker, G.M. & Heath, M.F. 1994. *Birds in Europe: their conservation status*. BirdLife Conservation Series No. 3. BirdLife International, Cambridge.
- Usher, C.H. 1932. White-eyed or Ferruginous Duck (*Nyroca nyroca*) in Aberdeenshire. *Scottish Naturalist* 1932: 58.

034 Tufted Duck (19)

- Anderson, J.J. 1967. Hybrid Tufted Duck x Pochard in Edinburgh. *Scottish Birds* 4: 553- 554.
- Baxter, E.V. & Rintoul, L.J. 1922. *Some Scottish Breeding Duck: their arrival and dispersal*. Oliver & Boyd, Edinburgh.

- Bell, M.V. 1993. Productivity of waterfowl breeding at Airthrey Loch, Stirling. *Scottish Birds* 17: 27-39.
- Berry, J. 1939. *The Status and Distribution of Wild Geese and Wild Duck in Scotland*. Volume 2. International Wildfowl Inquiry. The University Press, Cambridge.
- Evans, W. 1896a. Some notes on the Tufted Duck (*Fuligula cristata*). *Annals of Scottish Natural History* 1896: 148-155.
- Harvie-Brown, J.A. 1896. The Tufted Duck in Scotland, its increase and distribution. *Annals of Scottish Natural History* 1896: 3-22.
- Hildén, O. 1964. Ecology of duck populations in the island group of Valassaaret, Gulf of Bothnia. *Annales Zoologici Fennici* 1: 153-227.
- Jackson, S.F., Austin, G.E. & Armitage, M.J.S. 2006. Surveying waterbirds away from major waterbodies: implications for waterbird population estimates in Great Britain. *Bird Study* 53: 105-111.
- Lauder, A.W. 2006. *The impact of "large" gulls on the breeding duck population at Loch Leven NNR, Perth & Kinross*. Unpublished report. Scottish Natural Heritage.
- Lauder, A.W. 2007. Trends in the breeding duck (Anatidae) population at Loch Leven, Perth & Kinross 1966-2004. *Scottish Birds*.
- Laughlin, K.F. 1974. Bioenergetics of Tufted Duck *Aythya fuligula* at Loch Leven, Kinross. *Proceedings of the Royal Society of Edinburgh* 74: 383-389.
- Liordos, V. 1996. *A study of nesting Tufted Duck Aythya fuligula on St. Serf's Island, Loch Leven National Nature Reserve: factors involved in determining nesting density and success with particular regard to the importance of the Black-headed Gull Larus ridibundus*. Unpublished MSc thesis, University of Edinburgh.
- MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
- Marquiss, M. & Leitch, A. 1990. The diet of Grey Herons *Ardea cinerea* breeding at Loch Leven, Scotland, and the importance of their predation on ducklings. *Ibis* 132: 535-549.
- Newton, I. & Campbell, C.R.G. 1975. Breeding of duck at Loch Leven, Kinross. *Wildfowl* 26: 83-102.
- Owen, M., Atkinson-Willes, G.L. & Salmon, D.G. 1986. *Wildfowl in Great Britain*. 2nd Edition. Cambridge University Press, Cambridge.
- Stewart, B. & Lauder, A. 1997. Gizzard contents of Pochard, Tufted Duck and Goldeneye from Loch Leven, Kinross, in winter 1994-95. *Scottish Birds* 19: 28-35.
- Venables, L.S.V. & Venables, U.M. 1960. Tufted Duck breeding in Shetland. *Scottish Birds* 1: 184.
- Wright, G.A. 1986. Breeding wildfowl of Loch Leven National Nature Reserve. *Scottish Birds* 14: 39-43.

035 Greater Scaup (31)

- Andrew, D.G. 1968a. Scaup breeding in Orkney. *Scottish Birds* 5: 23-24.
- Bahr, P.H. 1907. Some bird notes from the Outer Hebrides during a month spent there May-June 1907. *Annals of Scottish Natural History* 1907: 208-215.
- Baker, H., Stroud, D.A., Aebsicher, N.J., Cranswick, P.A., Gregory, R.D., McSorley, C.A., Noble, D.G. & Rehfisch, M.M. 2006. Population estimates of birds in Great Britain and the United Kingdom. *British Birds* 99: 25-44.
- Balfour, E. 1968b. Breeding birds of Orkney. *Scottish Birds* 5: 89-104.
- Berry, J. 1939. *The Status and Distribution of Wild Geese and Wild Duck in Scotland*. Volume 2. International Wildfowl Inquiry. The University Press, Cambridge.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Campbell, L.H. 1978b. Patterns of distribution and behaviour of flocks of seaducks wintering at Leith and Musselburgh, Scotland. *Biological Conservation* 14: 111-123.
- Campbell, L.H. 1984. The impact of changes in sewage treatment on seaducks wintering in the Firth of Forth, Scotland. *Biological Conservation* 28: 173-180.
- Evans, R.J. 1998. Numbers of wintering seaducks, divers and grebes in the Moray Firth, 1977-1995. *Scottish Birds* 19: 206-222.
- Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.
- Guthrie, D. 1919. Some bird notes from South Uist. *Scottish Naturalist* 1919: 145-150, 187-192.
- Harvie-Brown, J.A. 1899. On the breeding of the Scaup in Scotland. *Annals of Scottish Natural History* 1899: 215-216.
- Harvie-Brown, J.A. 1902c. On the avifauna of the Outer Hebrides, 1888-1902. *Annals of Scottish Natural History* 1902: 83-91, 136-151, 199-217.
- Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
- Innes, M. 1996. The movement of wildfowl off Peterhead, Grampian. *North-East Scotland Bird Report* 1995: 67-86.
- Kirby, J.S., Evans, R.J. & Fox, A.D. 1993. Wintering seaducks in Britain and Ireland: populations, threats, conservation and research priorities. *Aquatic Conservation: Marine and Freshwater Ecosystems* 3: 105-137.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- Milne, H. & Campbell, L.H. 1973. Wintering sea-ducks off the east coast of Scotland. *Bird Study* 20: 153-172.
- Nash, J.K. 1935. *The Birds of Midlothian*. H.F. & G. Witherby, London.

- Noble, H. 1913. Scaup Duck nesting in Outer Hebrides. *Scottish Naturalist* 1913: 211.
- Petersen, Æ. 1998. *Íslandskur Fuglar [in Icelandic]*. Vaka-Helgafell hf, Reykjavík.
- Pihl, S., Petersen, I.K., Hounisen, J.-P. & Laubek, B. 2001. *Landsdekkende optælling af vandfugle, vinteren 1999/2000*. National Environmental Research Institute Report 356. Danish Ministry of the Environment and Energy, Kalø.
- Quinn, J.L., Still, L., Kirby, J.S., Carrier, M.C. & Lambdon, P. 1997. Scaup *Aythya marila* numbers and the Cockle *Cardium edule* fishery on the Solway Firth: are they related? *Wildfowl* 47: 187-193.
- Rintoul, L.J. & Baxter, E.V. 1911. Report on Scottish ornithology in 1910. *Annals of Scottish Natural History* 1911: 133-149, 194-210.
- Rintoul, L.J. & Baxter, E.V. 1935. *A Vertebrate Fauna of Forth*. Oliver & Boyd, Edinburgh & London.
- Scott, J.E. 1948. Scaup duck breeding in Ross-shire. *Scottish Naturalist* 1948: 134-135.
- Thom, V.M. 1969. Wintering duck in Scotland 1962-68. *Scottish Birds* 5: 417-466.
- Walker, K.G. 1967c. Scaup breeding on Orkney. *Scottish Birds* 4: 503.
- Wild, O.H. 1939. Reminiscences of Scottish ornithology. [Anonymous report on talk given to SOC]. *Scottish Naturalist* 1939: 59-60.
- Wilson, L.J., Dean, B.J., Webb, A., McSorley, C.A. & Reid, J.B. 2006. *Wintering seaducks, divers and grebes in UK inshore areas: aerial surveys and shore-based counts 2004/5*. Unpublished report 371. JNCC, Peterborough.

036 Lesser Scaup (9)

- Allen, G.T., Caithamer, D.F. & Otto, M. 1999. *A review of the status of greater and lesser scaup in North America*. Unpublished report. U. S. Fish and Wildlife Service, Office of Migratory Bird Management, Washington, D. C.
- American Ornithologists' Union (AOU). 1998. *The Check-list of North American Birds: the species of birds of North America from the Arctic through Panama, including the West Indies and the Hawaiian Islands*. 7th Edition. American Ornithologists' Union, Ithaca.
- Ellis, P.M. 1999a. Three Lesser Scaup at Loch of Spiggie – second Shetland record. *Shetland Bird Report* 1998: 89-90.
- Harvey, P.V. & Shaw, K.D. 1998. Dealing with difficult rarities - their identification and assessment. Number two: Lesser Scaup, Ayrshire, September 1997. *Birding Scotland* 1: 167-170.
- Hesketh, R. & Cooper, S. 1991. Lesser Scaup in Dumfries & Galloway. *Birding World* 4: 29.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Mellor, M. 1993. The Lesser Scaup in Shetland. *Birding World* 6: 180.
- Orr, B. 1998. Lesser Scaup, Martnaham Loch, 13-17 September 1997. *Ayrshire Bird Report* 1997: 76-78.
- Votier, S. 2000. Lesser Scaup at Munnoch Reservoir 9-10 May 1999. *Ayrshire Bird Report* 1999: 71-73.

037 Common Eider (79)

- Adam, R.G. & Booth, C.J. 1999. The breeding birds of Auskerry, Orkney, 1969-1998. *Scottish Birds* 20: 1-5.
- Andrew, D.G. & Sandeman, G.L. 1953. Notes on the birds of the Flannan Isles. *Scottish Naturalist* 1953: 157-166.
- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Anon. 1905. Occurrence of the Pacific Eider Duck in Orkney. *Annals of Scottish Natural History* 1905: 183-184.
- Baillie, S. & Milne, H. 1998. Eider population biology - the Forvie contribution. In: Gorman, M.L. (ed.) *The Ythan*. University of Aberdeen.
- Baillie, S.R. & Milne, H. 1982. The influence of female age on breeding in the Eider *Somateria mollissima*. *Bird Study* 29: 55-66.
- Baillie, S.R. & Milne, H. 1989. Movements of Eiders *Somateria mollissima* on the east coast of Britain. *Ibis* 131: 321-335.
- Baillie, S.R. & Stowe, T.J. 1984. A comparison between the percentage of seabirds reported as oiled from ringing recoveries and from the Beached Bird Survey. *Seabird* 7: 47-54.
- Baxter, E.V. & Rintoul, L.J. 1922. *Some Scottish Breeding Duck: their arrival and dispersal*. Oliver & Boyd, Edinburgh.
- Berry, J. 1939. *The Status and Distribution of Wild Geese and Wild Duck in Scotland*. Volume 2. International Wildfowl Inquiry. The University Press, Cambridge.
- Bonhote, J.K. 1907. [On behalf of Mr F. Smalley exhibited a specimen of the Common Eider showing a V-shaped mark under the chin]. *Bulletin of the British Ornithologists' Club* 19: 80-81.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Brand, J. 1701. *A Brief Description of Orkney, Zetland, Pightland-firth, and Caithness*. Brown, Edinburgh.
- Buchanan, J.L. 1793. *Travel in the Western Hebrides: from 1782 to 1790*. G.G.J. & J. Robinson and J. Debrett, London.
- Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
- Bustnes, J.O. & Erikstad, K.E. 1988. The diets of sympatric wintering populations of Common Eider *Somateria mollissima* and King Eider *S. spectabilis* in Northern Norway. *Ornis Fennica* 65: 163-168.
- Calladine, J., Harris, M.P., Taylor, S. & Wanless, S. 1995. The status of the Eider on the Isle of May and other Forth Islands. *Scottish Birds* 18: 1-10.

- Campbell, L.H. 1978. Diurnal and tidal behaviour of Eider wintering at Leith. *Wildfowl* 29: 147-152.
- Campbell, L.H., Barrett, J. & Barrett, C.F. 1986. Seaducks in the Moray Firth: a review of their current status and distribution. *Proceedings of the Royal Society of Edinburgh* 91B: 105-112.
- Campbell, L.H. & Milne, H. 1984. Moultling eiders in eastern Scotland. *Wildfowl* 34: 105-107.
- Cook, M. 1992. *The Birds of Moray and Nairn*. The Mercat Press, Edinburgh.
- Coulson, J.C. 1984. The population dynamics of the Eider Duck *Somateria mollissima* and the evidence of extensive non-breeding by adult ducks. *Ibis* 126: 525-543.
- Dean, B.J., Webb, A., McSorley, C.A. & Reid, J.B. 2003. *Aerial surveys of UK inshore areas for wintering seaduck, divers and grebes: 2000/01 and 2001/02*. Unpublished report 333. JNCC.
- Dickson, R.C. 1986. Moultling Eiders on the west coast of Scotland. *Scottish Birds* 14: 67.
- Donald, C. 1995. Eider showing features of the race *S. m. borealis*. *Shetland Bird Report* 1994: 103.
- Dunnet, G.M. 1983. Eiders at Eynhallow. *Orkney Bird Report* 1982: 60.
- Dunnet, G.M. & Heubeck, M. 1995. The monitoring of breeding seabirds and eiders. *Proceedings of the Royal Society of Edinburgh* 103: 137-164.
- Dunthorn, A.A. 1971. The predation of cultivated mussels by eiders. *Bird Study* 18: 107-112.
- Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
- Elkins, N. & Lynch, B.M. 1997. Waterfowl counts on the Tay Estuary 1985-1995. *Scottish Birds* 19: 36-54.
- Evans, R.J. 1998. Numbers of wintering seaducks, divers and grebes in the Moray Firth, 1977-1995. *Scottish Birds* 19: 206-222.
- Ewins, P.J. 1987c. Eider with Arctic Tern chick in bill. *British Birds* 80: 330-331.
- Furness, R.W. & Walther, C. 1999. Results of the 1999 spring census of eider ducks in Argyll and the Clyde. *The Eider* September 1999.
- Garner, M. & Farrelly, W. 2005. Northern Eiders in Scotland - are they being missed? *Birding Scotland* 8: 4-15.
- Harris, M.P., Wanless, S., Darling, I. & Gallacher, C. 2000a. Breeding birds of the Isle of May, Firth of Forth, 1972-99. *Scottish Birds* 21: 6-14.
- Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
- Harvie-Brown, J.A. & Buckley, T.E. 1888. *A Vertebrate Fauna of the Outer Hebrides*. David Douglas, Edinburgh.
- Heubeck, M. 1987. Changes in the status of the Common Eider in Shetland, 1977-1984. *Scottish Birds* 14: 146-152.
- Heubeck, M. 1992. Great Skuas attacking a flock of moultling Eiders. *Scottish Birds* 16: 284-285.
- Heubeck, M. 1993a. Moult flock surveys indicate a continued decline in the Shetland Eider population, 1984-92. *Scottish Birds* 17: 77-84.
- Heubeck, M. 1993b. Eider mortality in Shetland in early 1980. *Shetland Bird Report* 1992: 95-101.
- Heubeck, M. 2002b. The recent status of the Common Eider (*Somateria mollissima*) in the Shetland Islands: an isolated, declining population. In: *Abstract of presentations to the Wetlands International Seaduck Specialist Group Meeting. Workshop on Baltic/North Sea common eider populations and progress workshop on Steller's eider, 17-21 April 2002, at Roosta Holiday Village, Estonia*. Wetlands International Seaduck Specialist Group and National Environmental Research Institute, Denmark.
- Hope Jones, P. & Kinnear, P.K. 1979. Moultling Eiders in Orkney and Shetland. *Wildfowl* 30: 109-113.
- Jenkins, D. 1970. Eiders nesting inland in East Lothian. *Scottish Birds* 6: 251-255.
- Jenkins, D. & Watson, A. 1960. Notes on plumage variation in the Common Eider. *Scottish Birds* 1: 270-271.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Martin, M. 1716. *Description of the Western Islands of Scotland*. Reprinted Edinburgh: Birlinn, 1994.
- McWilliam, J.M. 1924. Breeding of Eider in the Clyde Area. *Scottish Naturalist* 1924: 165.
- McWilliam, J.M. 1936. *The Birds of the Firth of Clyde*. H.F. & G. Witherby, London.
- Meek, E.R. 1985a. Oil-related Eider mortality in Scapa Flow, Orkney. *Scottish Birds* 13: 225-228.
- Mendenhall, V.M. & Milne, H. 1985. Factors affecting duckling survival of Eiders *Somateria mollissima* in northeast Scotland. *Ibis* 127: 148-158.
- Milne, H. 1961. Eiders breeding in Morayshire. *Scottish Birds* 1: 491.
- Milne, H. 1974. Breeding numbers and reproductive rate of Eiders at the Sands of Forvie National Nature Reserve, Scotland. *Ibis* 116: 135-154.
- Milne, H. & Campbell, L.H. 1973. Wintering sea-ducks off the east coast of Scotland. *Bird Study* 20: 153-172.
- Monro, D. 1774. *Description of the Western Isles of Scotland, called Hybrides*. W. Auld, Edinburgh.
- Moser, M.E., Broad, R.A., Dennis, R.H. & Madders, M. 1986. The distribution and abundance of some coastal birds on the west and north-west coasts of Scotland in winter. *Scottish Birds* 14: 61-67.
- Murray, S. 2002b. The birds of St Kilda. *Scottish Birds* 23 (supplement): 1-64.
- Pennie, I.D. 1959. Spread of Eider in east Sutherland. *Scottish Birds* 1: 66.
- Pounder, B. 1971. Wintering Eiders in the Tay Estuary. *Scottish Birds* 6: 407-419.
- Pounder, B. 1974. Breeding and moultling Eiders in the Tay region. *Scottish Birds* 8: 159-176.
- Rintoul, L.J. & Baxter, E.V. 1935. *A Vertebrate Fauna of Forth*. Oliver & Boyd, Edinburgh & London.
- Robson, M. & Wills, P. 1959. Birds of the Flannan Isles. *Scottish Birds* 1: 110-117.
- Robson, M.J.H. 1968. The breeding birds of North Rona. *Scottish Birds* 5: 126-155.
- Ross, B.P. & Furness, R.W. 2000. *Minimising the Impact of Eider Ducks on Mussel Farming*. University of Glasgow

- and SNH, Glasgow.
- Ross, B.P., Lien, J. & Furness, R.W. 2001. Use of underwater playback to reduce the impact of eiders on mussel farms. *Journal of Marine Science* 58: 517-524.
- Service, R. 1909. Eider Duck in Solway waters. *Annals of Scottish Natural History* 1909: 119.
- Sharpe, B. 1905. Specimens present. *Bulletin of the British Ornithologists' Club* 15: 32.
- Sibbald, R. 1684. *Scotia Illustrata, sive Prodromus Historia Naturalis*. J. Kniblo, J. Solingensis & J. Colmarii, Edinburgh.
- Smalley, F. 1907. The supposed occurrence of the Pacific Eider (*Somateria v-nigrum*) in British waters. *British Birds* 1: 69-75.
- Smout, A.-M. 1986. *The Birds of Fife: an outline of their status and distribution*. John Donald, Edinburgh.
- Swennen, C. 1989. Gull predation upon Eider *Somateria mollissima* ducklings: destruction or elimination of the unfit? *Ardea* 77: 21-45.
- Swennen, C. 1990. Dispersal and migratory movements of Eiders *Somateria mollissima* breeding in the Netherlands. *Ornis Scandinavica* 21: 17-27.
- Tiedemann, R., Paulus, K.B., Scheer, M., von Kistowski, K.G., Skirnisson, K., Bloch, D. & Dam, M. 2004. Mitochondrial DNA and microsatellite variation in the eider duck (*Somateria mollissima*) indicate stepwise postglacial colonisation of Europe and limited current long-distance dispersal. *Molecular Ecology* 13: 1481-1494.
- Walther, C.M. 2001a. *Firth of Clyde Eider News*. No. 1, August 2001. Printed privately.
- Walther, C.M. 2001b. Eider in the Firth of Clyde: a 20th Century success story. In: *Proceedings of the Conference on the Ecology and Management of the Firth of Clyde*. pp 19-23. Firth of Clyde Forum, Clydebank.
- Walther, C.M. 2002a. *Firth of Clyde Eider News*. No. 2, January 2002. Printed privately.
- Walther, C.M. 2002b. Common Eider populations in western Scotland: historic and recent trends. In: *Abstract of presentations to the Wetlands International Seaduck Specialist Group Meeting. Workshop on Baltic/North Sea common eider populations and progress workshop on Steller's eider, 17-21 April 2002, at Roosta Holiday Village, Estonia*. Wetlands International Seaduck Specialist Group and National Environmental Research Institute, Denmark.
- Walther, C.M. 2002c. *Firth of Clyde Eider News*. No. 3, August 2002. Printed privately.
- Walther, C.M. 2003. *Firth of Clyde Eider News*. No. 4, August 2003. Printed privately.
- Walther, C.M. 2004. *Firth of Clyde Eider News*. No. 5, August 2004. Printed privately.
- Williams, E.J. 2000. Wintering seabirds in Scapa Flow, Orkney, October 1998 to March 1999. *Scottish Birds* 21: 15-26.

038 King Eider (22)

- Baxter, E.V. & Rintoul, L.J. 1928b. Report on Scottish ornithology in 1927. *Scottish Naturalist* 1928: 105-121, 135-162.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Bowers, G. & Coutts, D. 1965. King Eider in Shetland. *Scottish Birds* 3: 311-312.
- Clarke, A.L., Sæther, B.E. & Røskaft, E. 1997. Sex biases in avian dispersal: a reappraisal. *Oikos* 79: 429-438.
- Coast-Smith, R.C. & Darling, I.M. 1972. King Eiders in Bute and Ayrshire. *Scottish Birds* 7: 93.
- Coutts, D. 1966b. King Eider in Shetland. *Scottish Birds* 4: 295.
- Coutts, D. 1967b. King Eider in Shetland. *Scottish Birds* 4: 446-467.
- Coutts, D. 1968. King Eider in Shetland. *Scottish Birds* 5: 171-172.
- Coutts, D. & Jacobs, A.F. 1971. King Eiders in Shetland and Wigtownshire. *Scottish Birds* 6: 274-275.
- Eggeling, W.J. 1974. The birds of the Isle of May - a revised assessment of status. *Scottish Birds* 8 (supplement): 93-148.
- Grove, E.A. 1960. King Eider in Shetland. *Scottish Birds* 1: 184-185.
- Harvey, P.V. & Pennington, M.G. 2002. The status of King Eider in Shetland since 1958, including a review of records between 1958 and 1990. *Shetland Bird Report* 2001: 100-102.
- Heppleston, P.B. 1968. King Eider in Aberdeenshire. *Scottish Birds* 5: 24.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Riviere, B.B. 1902. King-Eider in Fifeshire. *Zoologist* 60: 27.
- Saunders, H. & Clarke, W.E. 1927. *Manual of British Birds*. 3rd Edition. Gurney & Jackson, London.
- Smith, K.D. 1962a. King Eider in Shetland. *Scottish Birds* 2: 245.
- Smout, A.-M. 1986. *The Birds of Fife: an outline of their status and distribution*. John Donald, Edinburgh.
- Suddaby, D., Shaw, K.D., Ellis, P.M. & Brockie, K. 1994. King Eiders in Britain and Ireland in 1958-90: occurrences and ageing. *British Birds* 87: 418-430.
- Turnbull, W.P. 1867. *The Birds of East Lothian and a Portion of the Adjoining Counties*. 2nd Edition. Privately published, Glasgow.
- Walker, R. 1873. On King Ducks (*Somateria spectabilis*) in St Andrews Bay, etc. *Scottish Naturalist* 1873: 49-54.
- Yarrell, W. 1884-85. *A History of British Birds*. Volume 4. 4th Edition. Van Voorst, London. Revised and enlarged by H. Saunders.

039 Steller's Eider (12)

- Arthur, G. 1947. Steller's Eiders in Orkney. *British Birds* 40: 253.
- Arthur, G. 1950. Steller's Eider in Orkney. *Scottish Naturalist* 1950: 57-58.
- Glazier, P., Jenkins, D., Robertson-Justice, J. & Watson, A. 1960. Steller's Eider in Sutherland. *Scottish Birds* 1: 234-235.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Nygård, T., Frantzen, B. & Svabas, S. 1995. Steller's eider *Polysticta stelleri* wintering in Europe: numbers, distribution and origin. *Wildfowl* 46: 140-155.
- O'Sullivan, J.M. 1972. Steller's Eider in the Outer Hebrides. *Scottish Birds* 7: 202-203.
- Palmer, P. 2000. *First for Britain and Ireland, 1600-1999*. Arlequin Press, Chelmsford.
- Pihl, S. 1997. *Final draft, Action Plan for the Steller's Eider (Polysticta stelleri)*. Wetlands International Seaduck Specialist Group, Denmark.
- Pullan, D. 2000b. The Steller's Eider in Moray. *Birding World* 13: 458-459.
- Pullan, D. 2001. Steller's Eider, Hopeman, Moray - the ninth Scottish record. *Birding Scotland* 4: 36-38.
- Quakenbush, L. & Cochrane, J. 1993. *Report on the conservation status of the Steller's Eider (Polysticta stelleri), a candidate threatened and endangered species*. U.S. Fish and Wildlife Service, Anchorage.
- Williams, M.R. 1971. Steller's Eider in Aberdeenshire. *Scottish Birds* 6: 444.

040 Harlequin Duck (21)

- Baikie, W.B. & Heddle, R. 1848. *Naturalis Orcadensis. Zoology. Part I. Being a Catalogue of the Mammalia and Birds hitherto Observed in the Orkney Islands*. J. & W. Patterson, Edinburgh.
- Barnes, G., Shand, G.S. & Gunn, G. 1966. Harlequin Ducks at Fair Isle and in Caithness. *Scottish Birds* 4: 83-86.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Booth, C.G. 1975. *Birds in Islay*. Argyll Reproductions Ltd, Port Charlotte.
- Bruce, R.S. 1933. Some notes on birds seen in Shetland. *Scottish Naturalist* 1933: 147-152.
- Dalgleish, J.J. 1880a. List of occurrences of North American birds in Europe. *Bulletin of the Nuttall Ornithological Club* 5: 65-74, 141-150, 210-223.
- Freme, S.W.P. 1931. Ornithological notes from North Uist, Outer Hebrides. *British Birds* 24: 369-371.
- Innes, M. 2000. Harlequin Duck (*Histrionicus histrionicus*) at Peterhead, 6 November 1999 - the first record for North-east Scotland. *North-East Scotland Bird Report* 1999: 121-122.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Montevecchi, W.A., Bourget, A., Brazil, J., Goudie, R.I., Hutchinson, A.E., Johnson, B.C., Kehoe, P., Laporte, P., McCollough, M.A., Milton, R. & Seymour, N. 1995. *National Recovery Plan for the Harlequin Duck in Eastern North America*. Recovery of Nationally Endangered Wildlife (RENEW) Report No. 12. Canadian Wildlife Service, Ottawa.
- Murphy, C. 1997. Harlequin Ducks, Kennedy's Pass, 13-27 April 1996. *Ayrshire Bird Report* 1996: 72.
- Rusk, M. & Ryan, M.N. 1956. Harlequin Duck in Shetland. *British Birds* 49: 36-37.
- Scott, M. 2004c. The 2nd Harlequin Duck for the Outer Hebrides, spring 2004. *Birding Scotland* 7: 83-86.
- Shearer, R.I. & Osborne, H. 1862. Notes on the ornithology of Caithness. *Proceedings of the Royal Physical Society of Edinburgh* 2: 334-347.
- Sim, G. 1903. *The Vertebrate Fauna of 'Dee'*. Wyllie, Aberdeen.
- Sowerby, J. 1804-06. *British Miscellany*. 2 volumes. R. Taylor, London.
- Venables, L.S.V. & Venables, U.M. 1955. *The Birds and Mammals of Shetland*. Oliver & Boyd, Edinburgh.
- Williamson, K. 1954d. American birds in Scotland in autumn and winter, 1953-54. *Scottish Naturalist* 1954: 13-29.
- Wynne-Edwards, V.C. 1957a. Harlequin Duck in Shetland. *British Birds* 50: 445-446.
- Yarrell, W. 1845. *A History of British Birds*. 2nd Edition. Three volumes. Van Voorst, London.
- Yarrell, W. 1884-85. *A History of British Birds*. Volume 4. 4th Edition. Van Voorst, London. Revised and enlarged by H. Saunders.

041 Long-tailed Duck (29)

- Anon. 1912d. Reported breeding of the Long-tailed Duck in Orkney. *British Birds* 6: 128-129.
- Aplin, O.V. 1911. Long-tailed Duck breeding in Orkney. *Zoologist* 1911: 432.
- Barrett, J. 1983. *Moray Firth seaducks: winters 1981-82 and 1982-83*. Unpublished report to Britoil/RSPB.
- Batten, L.A., Bibby, C.J., Clement, P., Elliott, G.D. & Porter, R.F. 1990. *Red Data Birds in Britain: action for rare, threatened and important species*. T. & A.D. Poyser, London.
- Berry, J. 1939. *The Status and Distribution of Wild Geese and Wild Duck in Scotland*. Volume 2. International Wildfowl Inquiry. The University Press, Cambridge.

- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- British Ornithologists' Union (BOU). 1971. *The Status of Birds in Britain and Ireland*. Blackwell Scientific Publications, Oxford.
- Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
- Campbell, L.H., Barrett, J. & Barrett, C.F. 1986. Seaducks in the Moray Firth: a review of their current status and distribution. *Proceedings of the Royal Society of Edinburgh* 91B: 105-112.
- Evans, A.H. & Buckley, T.E. 1899. *A Vertebrate Fauna of the Shetland Islands*. David Douglas, Edinburgh.
- Evans, R.J. 1998. Numbers of wintering seaducks, divers and grebes in the Moray Firth, 1977-1995. *Scottish Birds* 19: 206-222.
- Hale, J.R. 1913. The Orkney breeding-record of the Long-tailed Duck. *British Birds* 7: 205-206.
- Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
- Heubeck, M. 1979. Seabirds and recent oil pollution. *Shetland Bird Report* 1978: 47-51.
- Hope Jones, P. 1979. Roosting behaviour of Long-tailed Ducks in relation to possible oil pollution. *Wildfowl* 30: 155-158.
- Innes, M. 1996. The movement of wildfowl off Peterhead, Grampian. *North-East Scotland Bird Report* 1995: 67-86.
- Kershaw, M. & Cranswick, P.A. 2003. Numbers of wintering waterbirds in Great Britain, 1994/1995-1998/1999: I. Wildfowl and selected species. *Biological Conservation* 111: 91-104.
- Kirby, J.S., Evans, R.J. & Fox, A.D. 1993. Wintering seaducks in Britain and Ireland: populations, threats, conservation and research priorities. *Aquatic Conservation: Marine and Freshwater Ecosystems* 3: 105-137.
- Lea, D. 1980. *Seafowl in Scapa Flow, Orkney*. Unpublished report to NCC.
- Lea, D. & Bourne, W.R.P. 1975. The birds of Orkney. *British Birds* 68: 261-283.
- Millais, J.G. 1913. *British Diving Ducks*. Longmans, London.
- More, A.G. 1865. On the distribution of birds in Great Britain during the nesting-season. *Ibis* 1865: 1-27, 119-142, 425-458.
- Mudge, G.P. & Allen, D.S. 1980. Wintering seaducks in the Moray and Dornoch Firths, Scotland. *Wildfowl* 31: 123-130.
- Rintoul, L.J. & Baxter, E.V. 1935. *A Vertebrate Fauna of Forth*. Oliver & Boyd, Edinburgh & London.
- Robinson, H.W. 1913. Orkney breeding-records of Grey Lag-Goose and Long-tailed Duck. *British Birds* 6: 263.
- Saxby, H.L. 1874. *The Birds of Shetland*. MacLachlan & Stewart, Edinburgh.
- Williams, E.J. 2000. Wintering seafowl in Scapa Flow, Orkney, October 1998 to March 1999. *Scottish Birds* 21: 15-26.
- Wilson, L.J., Dean, B.J., Webb, A., McSorley, C.A. & Reid, J.B. 2006. *Wintering seaducks, divers and grebes in UK inshore areas: aerial surveys and shore-based counts 2004/5*. Unpublished report 371. JNCC, Peterborough.
- Wolley, J. 1907. *Ootheca Wolleyana: an illustrated catalogue of the collection of birds' eggs begun by the late John Wolley, Jun. , M. A. , F. Z. S. , and continued with additions by the editor, Alfred Newton*. Volume 2. Porter, London.

042 Common Scoter (23)

- Anderson, P. 1897. Common Scoter breeding in the Inner Hebrides. *Annals of Scottish Natural History* 1897: 252.
- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Baker, H., Stroud, D.A., Aebsicher, N.J., Cranswick, P.A., Gregory, R.D., McSorley, C.A., Noble, D.G. & Rehfisch, M.M. 2006. Population estimates of birds in Great Britain and the United Kingdom. *British Birds* 99: 25-44.
- Baxter, E.V. 1928. Common and Velvet Scoter in Orkney. *Scottish Naturalist* 1928: 28.
- Baxter, E.V. & Rintoul, L.J. 1922. *Some Scottish Breeding Duck: their arrival and dispersal*. Oliver & Boyd, Edinburgh.
- Boase, H. 1921. Common Scoter in Perthshire. *Scottish Naturalist* 1921: 104.
- Cranswick, P. 2003. Status and distribution of common scoter *Melanitta nigra* and velvet scoter *M. fusca* in the United Kingdom. In: *Western Palearctic Scoter Flyway Review: Proceedings of the Seaduck Specialist Group meeting at Fuglsø, Jutland 2000. NERI technical report*. Available at www.wwt.org.uk/threatsp/scoter/downloads/UK%20Scoter%20status%20cranswick.pdf. pp 59-65.
- Cranswick, P.A., Worden, J., Ward, R.M., Rowell, H.E., Hall, C., Musgrove, A.J., Hearn, R.D., Holloway, S.J., Banks, A.N., Austin, G.E., Griffin, L.R., Hughes, B., Kershaw, M., O'Connell, M.J., Pollitt, M.S., Rees, E.C. & Smith, L.E. 2005. *The Wetland Bird Survey 2001-03: wildfowl and wader counts*. BTO/WWT/RSPB/JNCC, Slimbridge.
- Evans, R.J. 1998. Numbers of wintering seaducks, divers and grebes in the Moray Firth, 1977-1995. *Scottish Birds* 19: 206-222.
- Hancock, M. 1991. *Common Scoter in the Flow Country – results of 1991 survey, comparison with previous years, and suggested monitoring methods*. Unpublished report. RSPB, Sandy.
- Hartley, C. 2007. Status and distribution of Common Scoters on the Solway Firth. *British Birds* 100: 280-288.
- Harvie-Brown, J.A. & Buckley, T.E. 1892. *A Vertebrate Fauna of Argyll and the Inner Hebrides*. David Douglas, Edinburgh.
- Joensen, A.H. 1973. Moult migration and wing-feather moult of seaducks in Denmark. *Danish Review of Game Biology* 8: 1-42.

- Jourdain, F.C.R. 1922. Breeding dates of Wigeon, Shoveller, and other ducks in Scotland. *Scottish Naturalist* 1922: 15-17.
- Lack, D. 1943b. The breeding birds of Orkney. *Ibis* 85: 1-27.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Mitchell, J. 1977. Observations on the Common Scoter on Loch Lomond. *Loch Lomond Bird Report* 5: 8-13.
- Mitchell, J. 1978b. Further observations on the Common Scoter on Loch Lomond. *Loch Lomond Bird Report* 6: 9.
- More, A.G. 1865. On the distribution of birds in Great Britain during the nesting-season. *Ibis* 1865: 1-27, 119-142, 425-458.
- Owen, M., Atkinson-Willes, G.L. & Salmon, D.G. 1986. *Wildfowl in Great Britain*. 2nd Edition. Cambridge University Press, Cambridge.
- Parr, S.J., Haycock, R.J. & Smith, M.E. 1997. *The impact of the Sea Empress oil spill on the birds of the Pembrokeshire coast and islands*. Proceedings of the 1997 International Oil Spill Conference. Publication 4651. American Petroleum Institute, Washington DC.
- Underhill, M.C., Gittings, T., Callaghan, D.A., Hughes, B., Kirby, J.S. & Delany, S. 1998. Status and distribution of breeding Common Scoters *Melanitta nigra nigra* in Britain & Ireland in 1995. *Bird Study* 45: 146-156.
- Whilde, A. 1993. *Threatened Mammals, Birds, Amphibians and Fish in Ireland. Irish Red Data Book 2: Vertebrates*. HMSO, Belfast.

043 Black Scoter (8)

- American Ornithologists' Union (AOU). 1983. *Check-list of North American birds*. 6th Edition. American Ornithologists' Union.
- Astins, D. 1992. Identification of Black Scoter. *Birding World* 5: 58-59.
- Brown, A. 1989b. Black Scoter in Gosford Bay. *Lothian Bird Report* 1988: 86.
- Garner, M.S. 1989. Common Scoter of nominate race with extensive yellow on bill. *British Birds* 82: 616-618.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Naylor, K.A. 1996. *A Reference Manual of Rare Birds in Great Britain and Ireland*. Privately published, Nottingham.
- Pullan, D. 2002. Black Scoter at Burghead Bay, Moray, October-December 2001. *Birding Scotland* 5: 88-89.
- Sangster, G., Collinson, J.M., Helbig, A.J., Knox, A.G. & Parkin, D.T. 2005. Taxonomic recommendations for British birds: third report. *Ibis* 147: 821-826.

044 Surf Scoter (23)

- Baikie, W.B. & Heddle, R. 1848. *Naturalis Orcadensis. Zoology. Part I. Being a Catalogue of the Mammalia and Birds hitherto Observed in the Orkney Islands*. J. & W. Patterson, Edinburgh.
- Balfour, E. 1963a. Surf Scoter in Orkney. *Scottish Birds* 2: 306.
- Bowyer, C. 1964. Surf Scoter in Solway. *Scottish Birds* 3: 195.
- Bruun, B. 1971. North American waterfowl in Europe. *British Birds* 64: 385-408.
- Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
- Campbell, J.W. 1959a. Surf Scoter in Outer Hebrides. *Scottish Birds* 1: 145-146.
- Clarke, A.L., Sæther, B.E. & Røskaft, E. 1997. Sex biases in avian dispersal: a reappraisal. *Oikos* 79: 429-438.
- Cunningham, L.H. 1972. Surf Scoter in Aberdeenshire. *Scottish Birds* 7: 51.
- Dunn, R. 1848a. Occurrence of the Surf Scoter (*Anas perspicillata*) in Shetland. *Zoologist* 1848: 2067.
- Elkins, N., Swan, J.H., Roberts, E.L. & Clare, E.S. 1965. Surf Scoters in Outer Hebrides and Solway. *Scottish Birds* 3: 362.
- Goudie, R.I., Brault, S., Conant, B., Kondratyev, A.V., Petersen, M.R. & Vermeer, K. 1994. *The status of sea ducks in the north Pacific rim: toward their conservation and management*. Transactions of the 59th North American Wildlife & Natural Resources Conference. pp 27-49.
- Gould, J. 1837. *The Birds of Europe*. Volume 5. London.
- Job, R. 1967. Surf Scoter in Fife. *Scottish Birds* 4: 446.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- McInerny, C. 2006. Surf Scoter off Midlothian before 1837 - the first record for Scotland and Britain. *Lothian Bird Report* 2004: 122-123.
- Murdoch, C.C.I. & Parkinson, R.C. 1965. Surf Scoter in Moray Firth. *Scottish Birds* 3: 252.
- Paterson, A. & Redhead, D.I. 1966. Surf Scoter in Kirkcudbrightshire. *Scottish Birds* 4: 294.
- Phillips, I.M. 1997. *Rare and Scarce Birds in North East Scotland*. I.M. Phillips, Cove.
- Pullan, D. 1998. Possible hybrid Common x Surf Scoter. *Birding Scotland* 1: 88.
- Richmond, W.K. & Osbourne, R. 1969. Surf Scoters in East Lothian. *Scottish Birds* 5: 280.
- Savard, J.-P.L., Bordage, D. & Reed, A. 1998. Surf Scoter (*Melanitta perspicillata*). In: Poole, A. & Gill, F. (eds) *The Birds of North America*. Volume 363. The Birds of North America Inc., Philadelphia, PA.

Thompson, D.W. 1928. Surf Scoter in St Andrews Bay. *Scottish Naturalist* 1928: 25.
Yarrell, W. 1884-85. *A History of British Birds*. Volume 4. 4th Edition. Van Voorst, London. Revised and enlarged by H. Saunders.

045 Velvet Scoter (7)

- Cranswick, P. 2003. Status and distribution of common scoter *Melanitta nigra* and velvet scoter *M. fusca* in the United Kingdom. In: *Western Palearctic Scoter Flyway Review: Proceedings of the Seaduck Specialist Group meeting at Fuglsø, Jutland 2000. NERI technical report*. Available at www.wwt.org.uk/threatsp/scoter/downloads/UK%20Scoter%20status%20cranswick.pdf. pp 59-65.
- Evans, R.J. 1998. Numbers of wintering seaducks, divers and grebes in the Moray Firth, 1977-1995. *Scottish Birds* 19: 206-222.
- Innes, M. 1996. The movement of wildfowl off Peterhead, Grampian. *North-East Scotland Bird Report* 1995: 67-86.
- Kirby, J.S., Evans, R.J. & Fox, A.D. 1993. Wintering seaducks in Britain and Ireland: populations, threats, conservation and research priorities. *Aquatic Conservation: Marine and Freshwater Ecosystems* 3: 105-137.
- Sangster, G., Collinson, J.M., Helbig, A.J., Knox, A.G. & Parkin, D.T. 2005. Taxonomic recommendations for British birds: third report. *Ibis* 147: 821-826.
- Venables, L.S.V. & Venables, U.M. 1955. *The Birds and Mammals of Shetland*. Oliver & Boyd, Edinburgh.
- Williams, E.J. 2000. Wintering seabirds in Scapa Flow, Orkney, October 1998 to March 1999. *Scottish Birds* 21: 15-26.

046 Bufflehead (6)

- Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
- Gauthier, G. 1993. Bufflehead (*Bucephala albeola*). In: Poole, A. & Gill, F. (eds) *The Birds of North America*. Volume 67. The Academy of Natural Sciences & the American Ornithologists' Union, Philadelphia & Washington DC.
- Knox, A.G. 2001. The Bufflehead in Britain – a review. *British Birds* 94: 61-73.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Sim, G. 1903. *The Vertebrate Fauna of 'Dee'*. Wyllie, Aberdeen.
- Yarrell, W. 1845. *A History of British Birds*. 2nd Edition. Three volumes. Van Voorst, London.

047 Barrow's Goldeneye (7)

- British Ornithologists' Union (BOU). 1984. British Ornithologists' Union Records Committee: 11th Report. *Ibis* 126: 440-444.
- British Ornithologists' Union (BOU). 1992b. British Ornithologists' Union Records Committee: 16th Report. *Ibis* 134: 211-214.
- Collinson, J.M. 2005. Barrow's Goldeneye - a Hastings Rarity in Scotland. *Scottish Birds* 25: 53-54.
- Knowler, J. 2002. Blast from the past: Barrow's Goldeneye, Irvine, Ayrshire, 1979. *Birding Scotland* 5: 50-51.
- Knowler, J.T. 1995. Barrow's Goldeneye in Strathclyde: new to Britain and Ireland. *British Birds* 88: 104-106.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Venables, L.S.V. & Venables, U.M. 1955. *The Birds and Mammals of Shetland*. Oliver & Boyd, Edinburgh.

048 Common Goldeneye (28)

- Austin, G.E., Armitage, M.J.S., Atkinson, P.W., Burton, N.H.K., Leech, D.I., Marshall, A.R., Mellan, H.J., Musgrove, A.J. & Rehfisch, M.M. 2003. *WeBS Alerts 1999/2000: changes in numbers of wintering waterbirds in the United Kingdom, its Constituent Countries, Special Protection Areas (SPAs) and Sites of Special Scientific Interest (SSSIs)*. BTO Research Report. BTO, Thetford.
- Baker, H., Stroud, D.A., Aebscher, N.J., Cranswick, P.A., Gregory, R.D., McSorley, C.A., Noble, D.G. & Rehfisch, M.M. 2006. Population estimates of birds in Great Britain and the United Kingdom. *British Birds* 99: 25-44.
- Barrett, J. & Barrett, C.F. 1985b. Wintering Goldeneye in the Moray Firth. *Scottish Birds* 13: 241-249.
- Begg, T. 2002. *Aspects of the breeding biology of Goldeneye (Bucephala clangula) in Scotland*. Unpublished PhD thesis, University of Glasgow.
- Berry, J. 1939. *The Status and Distribution of Wild Geese and Wild Duck in Scotland*. Volume 2. International Wildfowl Inquiry. The University Press, Cambridge.
- Buxton, N.E., Summers, R.W. & Peach, W.J. 2004. Survival rate of female Goldeneye *Bucephala clangula*. *Bird Study* 51: 280-281.
- Campbell, L.H. 1977. Local variations in the proportions of adult males in flocks of Goldeneye wintering in the Firth of Forth. *Wildfowl* 28: 77-80.
- Campbell, L.H. 1984. The impact of changes in sewage treatment on seaducks wintering in the Firth of Forth, Scotland. *Biological Conservation* 28: 173-180.

- Cosgrove, P. 2003. Mandarin Ducks in northern Scotland and the potential consequences for breeding Goldeneye. *Scottish Birds* 24 (1): 1-10.
- Cosgrove, P.J. 1996. A winter survey of Goldeneye on the River Deveron, north east Scotland. *Scottish Birds* 18: 242-246.
- Cosgrove, P.J., Butler, J.R.A. & Laughton, R.L. 2004. Canoe and walking surveys of wintering Goosanders, Red-breasted Mergansers, Great Cormorants and Common Goldeneyes on the River Spey, 1994-2003. *Scottish Birds* 24 (2): 1-10.
- Dennis, R. 1995a. *The Birds of Badenoch and Strathspey*. 2nd Edition. Colin Baxter Photography, Grantown-on-Spey.
- Dennis, R.H. 1987a. Boxes for Goldeneyes: a success story. *RSPB Conservation Review* 1: 85-87.
- Dennis, R.H. & Dow, H. 1984. The establishment of a population of Goldeneyes *Bucephala clangula* breeding in Scotland. *Bird Study* 31: 217-222.
- Duncan, K. & Marquiss, M. 1993. The sex/age ratio, diving behaviour and habitat use of Goldeneye *Bucephala clangula* wintering in northeast Scotland. *Wildfowl* 44: 111-120.
- Evans, M.R., Lank, D.B., Boyd, W.S. & Cooke, F. 2002. A comparison of the characteristics and fate of Barrow's Goldeneye and Bufflehead nests in nest boxes and natural cavities. *Condor* 104: 610-619.
- Evans, R.J. 1998. Numbers of wintering seaducks, divers and grebes in the Moray Firth, 1977-1995. *Scottish Birds* 19: 206-222.
- Macmillan, A.T. 1970. Goldeneye breeding in east Inverness-shire. *Scottish Birds* 6: 197-198.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Milne, H. & Campbell, L.H. 1973. Wintering sea-ducks off the east coast of Scotland. *Bird Study* 20: 153-172.
- Olney, P.J.S. & Mills, D.H. 1963. The food and feeding habits of Goldeneye *Bucephala clangula* in Great Britain. *Ibis* 105: 293-300.
- Pounder, B. 1976a. Wintering flocks of Goldeneye at sewage outfalls in the Tay Estuary. *Bird Study* 23: 121-131.
- Pounder, B. 1976b. Waterfowl at effluent discharges in Scottish coastal waters. *Scottish Birds* 9: 5-36.
- Prater, A.J. 1981. *Estuary Birds of Britain and Ireland*. T. & A.D. Poyser, Calton.
- Stewart, B. & Lauder, A. 1997. Gizzard contents of Pochard, Tufted Duck and Goldeneye from Loch Leven, Kinross, in winter 1994-95. *Scottish Birds* 19: 28-35.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
- Watson, A., Marquiss, M. & Cosgrove, P.J. 1998a. North east Scottish counts of Goldeneye, Goosander, Red-breasted Merganser and Cormorant in 1944-50 compared with 1988-97. *Scottish Birds* 19: 249-258.
- Williams, E.J. 2000. Wintering seabirds in Scapa Flow, Orkney, October 1998 to March 1999. *Scottish Birds* 21: 15-26.

049 Smew (22)

- Baikie, W.B. & Heddle, R. 1848. *Naturalis Orcadensis. Zoology. Part I. Being a Catalogue of the Mammalia and Birds hitherto Observed in the Orkney Islands*. J. & W. Patterson, Edinburgh.
- Buckley, T.E. 1900a. Smew and White-fronted Goose in Shetland. *Annals of Scottish Natural History* 1900: 50.
- Chalmers, D. 1895. Smew in Midlothian. *Annals of Scottish Natural History* 1895: 124.
- Cranswick, P.A., Pollitt, M.S., Musgrove, A.J. & Hughes, R.C. 1999. *The Wetland Bird Survey 1997-98: wildfowl and wader counts*. BTO/WWT/RSPB/JNCC, Slimbridge.
- Crosbie, K.C., Mackenzie, A. & Russell, G.W. 1912. Occurrences of Smews in the Forth and Moray areas and in Shetland. *Scottish Naturalist* 1912: 91.
- Cunningham, P. 1983a. *The Birds of the Outer Hebrides: a guide to their status and distribution*. The Melvern Press, Perth.
- Dennis, R. 1995a. *The Birds of Badenoch and Strathspey*. 2nd Edition. Colin Baxter Photography, Grantown-on-Spey.
- Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
- Eggeling, W.J. 1960a. *The Isle of May: a Scottish nature reserve*. Oliver & Boyd, Edinburgh & London.
- Eggeling, W.J. 1974. The birds of the Isle of May - a revised assessment of status. *Scottish Birds* 8 (supplement): 93-148.
- Gladstone, H.S. 1908. Smew in Dumfriesshire. *Annals of Scottish Natural History* 1908: 119.
- Graham, J.D.P. 1931. Numbers of Smews near Glasgow. *British Birds* 25: 32.
- Grant, D. 2002. That redhead's no lady! *Birding Scotland* 5: 29-32.
- Henderson, T. 1901. Smew and other birds in Shetland. *Annals of Scottish Natural History* 1901: 181.
- Jackson, A.C. 1913b. Smews in Moray area. *Scottish Naturalist* 1913: 69.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- Serle, W. 1914. Smew on Duddingston Loch. *Scottish Naturalist* 1914: 118.
- Sim, G. 1894. Smew in Aberdeenshire. *Annals of Scottish Natural History* 1894: 115.
- Smout, A.-M. 1986. *The Birds of Fife: an outline of their status and distribution*. John Donald, Edinburgh.
- Spencer, R. & the Rare Breeding Birds Panel. 1988a. Rare breeding birds in the United Kingdom in 1985. *British Birds* 81: 99-125.

Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.

050 Red-breasted Merganser (27)

- Aspinall, S.J. & Dennis, R.H. 1988. Goosander and Red-breasted Mergansers in the Moray Firth. *Scottish Birds* 15: 65-70.
- Baxter, E.V. & Rintoul, L.J. 1922. *Some Scottish Breeding Duck: their arrival and dispersal*. Oliver & Boyd, Edinburgh.
- Bengston, S.A. 1972. Reproduction and fluctuations in the size of duck populations at Lake Myvatn, Iceland. *Ornis Fennica* 48: 77-92.
- Berry, J. 1939. *The Status and Distribution of Wild Geese and Wild Duck in Scotland*. Volume 2. International Wildfowl Inquiry. The University Press, Cambridge.
- Cosgrove, P.J., Butler, J.R.A. & Laughton, R.L. 2004. Canoe and walking surveys of wintering Goosanders, Red-breasted Mergansers, Great Cormorants and Common Goldeneyes on the River Spey, 1994-2003. *Scottish Birds* 24 (2): 1-10.
- Dickson, R.C. 1987a. Red-breasted Mergansers moulting in Galloway. *Scottish Birds* 14: 214.
- Evans, R.J. 1998. Numbers of wintering seaducks, divers and grebes in the Moray Firth, 1977-1995. *Scottish Birds* 19: 206-222.
- Gregory, R.D., Carter, S.P. & Baillie, S.R. 1997. Abundance, distribution and habitat use of breeding Goosanders *Mergus merganser* and Red-breasted Mergansers *Mergus serrator* on British rivers. *Bird Study* 44: 1-12.
- Hildén, O. 1964. Ecology of duck populations in the island group of Valassaaret, Gulf of Bothnia. *Annales Zoologici Fennici* 1: 153-227.
- Hislop, J.R.G. & MacDonald, W.S. 1989. Damage to fish by seabirds in the Moray Firth. *Scottish Birds* 15: 151-155.
- Kershaw, M. & Cranswick, P.A. 2003. Numbers of wintering waterbirds in Great Britain, 1994/1995-1998/1999: I. Wildfowl and selected species. *Biological Conservation* 111: 91-104.
- Kirby, J.S. 1995. Winter population estimates for selected waterfowl species in Britain. *Biological Conservation* 73: 189-198.
- Kirby, J.S., Evans, R.J. & Fox, A.D. 1993. Wintering seaducks in Britain and Ireland: populations, threats, conservation and research priorities. *Aquatic Conservation: Marine and Freshwater Ecosystems* 3: 105-137.
- Knox, A.G. 1978. The status of the Red-breasted Merganser in North-east Scotland. *North-East Scotland Bird Report* 1977: 54.
- Macdonald, R.A. 1987. Red-breasted Merganser's large creche. *Scottish Bird News* 6: 4.
- Maclean, I.M.D., Austin, G.E., Mellan, H.J. & Girling, T. 2005. *WeBS Alerts 2003/2004: changes in numbers of wintering waterbirds in the United Kingdom, its Constituent Countries, Special Protection Areas (SPAs) and Sites of Special Scientific Interest (SSSIs)*. BTO Research Report 416. BTO, Thetford.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Marquiss, M., Carss, D.N., Armstrong, J.D. & Gardiner, R. 1998. *Fish-eating birds and salmonids in Scotland*. Report on fish-eating bird research (1990-1997) to the Scottish Office Agriculture, Environment and Fisheries Department. HMSO, Edinburgh.
- Marquiss, M. & Duncan, K. 1993. Variation in the abundance of Red-breasted Mergansers *Mergus serrator* on a Scottish river in relation to season, year, river hydrography, salmon density and spring culling. *Ibis* 135: 33-41.
- Martin, M.W.A. 1988. Colonial nesting Red-breasted Mergansers. *Scottish Bird News* 9: 8.
- Mills, D. 1962. The Goosander and Red-breasted Merganser in Scotland. *Wildfowl Trust Annual Report* 13: 79-92.
- Owen, M., Atkinson-Willes, G.L. & Salmon, D.G. 1986. *Wildfowl in Great Britain*. 2nd Edition. Cambridge University Press, Cambridge.
- Park, K.L., Calladine, J.R., Graham, K.E., Stephenson, C.M. & Wernham, C.V. 2005. *The Impacts of Predatory Birds on Waders, Songbirds, Gamebirds and Fisheries Interests*. A report by BTO & Stirling University to Scotland's Moorland Forum.
- Robinson, J.A. 1999. Migration and morphometrics of the Red-breasted Merganser *Mergus serrator* in northern Eurasia and the implications for conservation of this species in Britain and Ireland. *Wildfowl* 50: 139-148.
- Starling, A.E., Kirby, J.S., Pickering, S.P.C., Gilburn, A.C. & Howell, R. 1992. *Status and distribution of wintering cormorants, goosanders, and red-breasted mergansers in Great Britain with specific reference to the Welsh region*. National Rivers Authority, Cardiff.
- Stenning, J. 1994. *Moray Firth monitoring: winter 1993-1994*. Unpublished report. RSPB, Sandy.
- Watson, A., Marquiss, M. & Cosgrove, P.J. 1998a. North east Scottish counts of Goldeneye, Goosander, Red-breasted Merganser and Cormorant in 1944-50 compared with 1988-97. *Scottish Birds* 19: 249-258.

051 Goosander (26)

- Aspinall, S.J. & Dennis, R.H. 1988. Goosander and Red-breasted Mergansers in the Moray Firth. *Scottish Birds* 15: 65-70.
- Baxter, E.V. & Rintoul, L.J. 1922. *Some Scottish Breeding Duck: their arrival and dispersal*. Oliver & Boyd,

- Edinburgh.
- Berry, J. 1939. *The Status and Distribution of Wild Geese and Wild Duck in Scotland*. Volume 2. International Wildfowl Inquiry. The University Press, Cambridge.
- Carss, D.N. 1994. Killing of piscivorous birds at Scottish fin fish farms, 1984-1987. *Biological Conservation* 68: 181-188.
- Chandler, R.J. 1981. Influxes into Britain and Ireland of Red-necked Grebes and other waterbirds during winter 1978/79. *British Birds* 74: 55-81.
- Cosgrove, P.J., Butler, J.R.A. & Laughton, R.L. 2004. Canoe and walking surveys of wintering Goosanders, Red-breasted Mergansers, Great Cormorants and Common Goldeneyes on the River Spey, 1994-2003. *Scottish Birds* 24 (2): 1-10.
- Evans, R.J. 1998. Numbers of wintering seaducks, divers and grebes in the Moray Firth, 1977-1995. *Scottish Birds* 19: 206-222.
- Gordon, P.R. 1995. The January 1994 Tweed Goosander Census. *Borders Bird Report* 15: 64-66.
- Gregory, R.D., Carter, S.P. & Baillie, S.R. 1997. Abundance, distribution and habitat use of breeding Goosanders *Mergus merganser* and Red-breasted Mergansers *Mergus serrator* on British rivers. *Bird Study* 44: 1-12.
- Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
- Harvie-Brown, J.A. & Buckley, T.E. 1892. *A Vertebrate Fauna of Argyll and the Inner Hebrides*. David Douglas, Edinburgh.
- Hatton, P.L. & Marquiss, M. 2004. The origins of moulting Goosanders on the Eden Estuary. *Ringing & Migration* 22: 70-74.
- Little, B. & Furness, R.W. 1985. Long distance moult migration by British Goosanders *Mergus merganser*. *Ringing & Migration* 6: 77-82.
- Maclean, I.M.D., Austin, G.E., Mellan, H.J. & Girling, T. 2005. *WeBS Alerts 2003/2004: changes in numbers of wintering waterbirds in the United Kingdom, its Constituent Countries, Special Protection Areas (SPAs) and Sites of Special Scientific Interest (SSSIs)*. BTO Research Report 416. BTO, Thetford.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.
- Marquiss, M., Carss, D.N., Armstrong, J.D. & Gardiner, R. 1998. *Fish-eating birds and salmonids in Scotland*. Report on fish-eating bird research (1990-1997) to the Scottish Office Agriculture, Environment and Fisheries Department. HMSO, Edinburgh
- Marquiss, M. & Duncan, K. 1994a. Seasonal switching between habitats and changes in abundance of goosanders *Mergus merganser* within a Scottish river system. *Wildfowl* 45: 198-208.
- Marquiss, M. & Duncan, K. 1994b. Diurnal activity patterns of goosanders *Mergus merganser* on a Scottish river system. *Wildfowl* 45: 209-221.
- Meek, E.R. & Little, B. 1977. The spread of the Goosander in Britain and Ireland. *British Birds* 70: 229-237.
- Mills, D. 1962. The Goosander and Red-breasted Merganser in Scotland. *Wildfowl Trust Annual Report* 13: 79-92.
- Mitchell, J. 1991. Spring flock of Goosanders at Endrick Mouth. *Loch Lomond Bird Report* 19: 13.
- Murray, R.D. 1988. The 1987 B.T.O. sawbill census. *Borders Bird Report* 1987: 62-80.
- Murray, R.D. 1992. Goosanders in the Borders 1991. *Borders Bird Report* 13: 65-77.
- Park, K.L., Calladine, J.R., Graham, K.E., Stephenson, C.M. & Wernham, C.V. 2005. *The Impacts of Predatory Birds on Waders, Songbirds, Gamebirds and Fisheries Interests*. A report by BTO & Stirling University to Scotland's Moorland Forum.
- Rehfisch, M.M., Wernham, C.V. & Marchant, J.H. (eds) 1999. *Population, distribution, movements and survival of fish-eating birds in Great Britain*. Department of the Environment, Transport and the Regions, London.
- Starling, A.E., Kirby, J.S., Pickering, S.P.C., Gilburn, A.C. & Howell, R. 1992. *Status and distribution of wintering cormorants, goosanders, and red-breasted mergansers in Great Britain with specific reference to the Welsh region*. National Rivers Authority, Cardiff.

052 Ruddy Duck (13)

- British Ornithologists' Union (BOU). 1971. *The Status of Birds in Britain and Ireland*. Blackwell Scientific Publications, Oxford.
- Bundy, G. 1978b. Ruddy Duck in Shetland. *Scottish Birds* 10: 21-22.
- Department for Environment Food and Rural Affairs (DEFRA). 2002. *U.K. Ruddy Duck control trial final report*. Central Science Laboratory, York.
- Hudson, R. 1976. Ruddy Ducks in Britain. *British Birds* 69: 132-143.
- Hughes, B. 1996. *The feasibility of control measures for North American Ruddy Ducks Oxyura jamaicensis in the United Kingdom*. Report to the Department of the Environment, Contract Number CRO 123.
- Hughes, B. 1998. *Oxyura jamaicensis* Ruddy Duck. *BWP Update* 2: 159-171.
- Hughes, B., Underhill, M. & Delany, S. 1998. Ruddy Ducks breeding in the United Kingdom in 1994. *British Birds* 91: 336-353.
- Madge, S. & Burn, H. 1988. *Wildfowl: an identification guide to the ducks, geese and swans of the world*. Christopher Helm, London.

- Mead, C. 2000. *The State of the Nation's Birds*. Whittet Books, Stowmarket.
- Palmer, C. 2004a. 'Respect for nature' in the earth charter: the value of species and the value of individuals. *Ethics, Place & Environment* 7: 97-107.
- Paterson, G. 2003. The Ruddy Duck in Lothian, 1983-2000. *Lothian Bird Report* 2001: 79-81.
- Slater, P.J.B. 1965d. Current notes. *Scottish Birds* 3: 421-431.
- Smout, A.-M. 1986. *The Birds of Fife: an outline of their status and distribution*. John Donald, Edinburgh.

053 Red Grouse (Willow Ptarmigan) (27)

- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Dougall, J.D. 1875. *Shooting: its appliances, practice and purpose*. Sampson Low, Marston Low & Searle, London.
- Freeland, J., Allen, D. & Anderson, S. 2006. *DNA analysis of Red Grouse: an analysis of taxonomy and genetic diversity*. Report to the Environment and Heritage Service, Department of the Environment, Northern Ireland. EHS Ref Con 2/1 190.
- Gutiérrez, R.J., Barrowclough, G.F. & Groth, J.G. 2000. A classification of the grouse (Aves: Tetraoninae) based on Mitochondrial DNA sequences. *Wildlife Biology* 6: 205-211.
- Harvie-Brown, J.A. 1902a. Grouse in Shetland. *Annals of Scottish Natural History* 1902: 53.
- Hudson, P.J., Dobson, A.P. & Newborn, D. 1985. Cyclic and non-cyclic populations of red grouse: a role for parasitism? In: Rollinson, D. & Anderson, R.M. (eds) *Ecology and Genetics of Host-Parasite Interactions*. pp 79-89. Academic Press, London.
- Hudson, P.J., Newborn, D. & Dobson, A.P. 1992. Regulation and stability of a free-living host-parasite system: *Trichostrongylus tenuis* in red grouse. I. Monitoring and parasite reduction experiments. *Journal of Animal Ecology* 61: 477-486.
- Lee, J.A., Caporn, S.J.M. & Read, D.J. 1992. Effects of increasing nitrogen deposition and acidification on heathlands. In: Schneider, T. (ed.) *Acidification Research. Evaluation and Policy Applications*. pp 97-106. Elsevier, Colchester.
- Lovat Lord. 1911. Moor management. In: Lovat Lord (ed.) *The Grouse in Health and in Disease*. pp 372-391. Smith, Elder and Co., London.
- Mackey, E.C., Shewry, M.C. & Tudor, G.J. 1998. *Land Cover Change: Scotland from the 1940s to the 1980s*. The Stationery Office, Edinburgh.
- Moss, R. 1969. A comparison of red grouse (*Lagopus l. scoticus*) stocks with the production and nutritive value of heather (*Calluna vulgaris*). *Journal of Animal Ecology* 38: 103-112.
- Moss, R. 1989. Management of heather for game and livestock. *Botanical Journal of the Linnean Society* 101: 301-306.
- Moss, R. & Watson, A. 1991. Population cycles and kin selection in Red Grouse, *Lagopus lagopus scoticus*. *Ibis* 113: 113-120.
- Moss, R. & Watson, A. 2001. Population cycles in birds of the grouse family (Tetraonidae). *Advances in Ecological Research* 32: 53-111.
- Moss, R., Watson, A. & Parr, R. 1975. Maternal nutrition and breeding success in red grouse (*Lagopus lagopus scoticus*). *Journal of Animal Ecology* 44: 233-244.
- Moss, R., Watson, A. & Parr, R. 1988. Mate choice by hen Red Grouse *Lagopus lagopus* with an excess of cocks - role of territory size and food quality. *Ibis* 130: 545-552.
- Moss, R., Watson, A. & Parr, R. 1996. Experimental prevention of a population cycle in red grouse. *Ecology* 77: 1512-1530.
- Moss, R., Watson, A., Trenholm, I. & Parr, R. 1993. Caecal threadworms *Trichostrongylus tenuis* in red grouse *Lagopus lagopus scoticus*: effects of weather and host density upon estimated worm burdens. *Parasitology* 107: 199-209.
- Mougeot, F., Piercy, S.B., Leckie, F., Quinn, S., Moss, R., Redpath, S.M. & Hudson, P.J. 2005. Experimentally increased aggressiveness reduces population kin structure and subsequent recruitment in red grouse *Lagopus lagopus scoticus*. *Journal of Animal Ecology* 74: 488-497.
- Mougeot, F., Redpath, S.M., Moss, R., Matthiopoulos, J. & Hudson, P.J. 2003. Territorial behaviour and population dynamics in red grouse *Lagopus lagopus scoticus*. I. Population experiments. *Journal of Animal Ecology* 72: 1073-1082.
- Redpath, S.M. & Thirgood, S.J. 1997. *Birds of Prey and Red Grouse*. Stationery Office, London.
- Savory, C.J. 1977. The food of Red Grouse chicks *Lagopus l. scoticus*. *Ibis* 119: 1-9.
- Stone, B.H., Sears, J., Cranswick, P.A., Gregory, R.D., Gibbons, D.W., Rehfisch, M.M., Aebscher, N.J. & Reid, J.B. 1997. Population estimates of birds in Britain and in the United Kingdom. *British Birds* 90: 1-22.
- Watson, A. 1985. Social class, socially-induced loss, recruitment and breeding of red grouse. *Oecologia (Berlin)* 67: 493-498.
- Watson, A., Moss, R. & Rothery, P. 2000. Weather and synchrony in 10-year population cycles of Rock Ptarmigan and Red Grouse in Scotland. *Ecology* 81: 2126-2136.
- Watson, A., Moss, R., Rothery, P. & Parr, R. 1984. Demographic causes and predictive models of population fluctuations in red grouse. *Journal of Animal Ecology* 53: 639-662.
- Wilson, E. & Leslie, A.S. 1911. Grouse disease. In: Lovat Lord (ed.) *The Grouse in Health and in Disease*. pp 185-206.

Smith, Elder and Co., London.

054 Rock Ptarmigan (20)

- Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
- Cunningham, P. 1983a. *The Birds of the Outer Hebrides: a guide to their status and distribution*. The Melven Press, Perth.
- Dunn, M.H. 1985. Ptarmigan on Arran. *British Birds* 78: 668.
- Harvie-Brown, J.A. 1900a. Ptarmigan formerly on Rum. *Annals of Scottish Natural History* 1900: 50-51.
- Harvie-Brown, J.A. 1902c. On the avifauna of the Outer Hebrides, 1888-1902. *Annals of Scottish Natural History* 1902: 83-91, 136-151, 199-217.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- Moss, R. & Watson, A. 1984. Maternal nutrition, egg quality and breeding success of Scottish Ptarmigan *Lagopus mutus*. *Ibis* 126: 212-220.
- Rae, S. 1995. *Individual dispersion and productivity of Ptarmigan in relation to their selection of food and cover*. Unpublished PhD thesis, University of Aberdeen.
- Salomonsen, F. 1939. Moult and sequence of plumages in the Rock Ptarmigan (*Lagopus mutus* (Montin)). *Videnskabelige Meddelelser fra Dansk Naturhistorisk Forening* 103: 1-491.
- Service, R. 1887. On the former existence of Ptarmigan in south-west Scotland. *Zoologist* 1887: 81-89.
- Watson, A. 1961. Ptarmigan resident at low altitudes in Sutherland. *Scottish Naturalist* 1961: 81-82.
- Watson, A. 1965a. A population study of ptarmigan (*Lagopus mutus*) in Scotland. *Journal of Animal Ecology* 34: 135-172.
- Watson, A. 1965b. Research on Scottish Ptarmigan. *Scottish Birds* 3: 331-349.
- Watson, A. 1979a. Bird and mammal numbers in relation to human impact at ski-lifts on Scottish hills. *Journal of Applied Ecology* 16: 753-764.
- Watson, A. 1987. Weight and sexual cycle of Scottish Rock Ptarmigan. *Ornis Scandinavica* 18: 231-232.
- Watson, A. & Moss, R. 2004. Impacts of ski-development on ptarmigan (*Lagopus mutus*) at Cairn Gorm, Scotland. *Biological Conservation* 116: 267-275.
- Watson, A., Moss, R. & Rae, S. 1998b. Population dynamics of Scottish Rock Ptarmigan cycles. *Ecology* 79: 1174-1192.
- Watson, A., Moss, R. & Rothery, P. 2000. Weather and synchrony in 10-year population cycles of Rock Ptarmigan and Red Grouse in Scotland. *Ecology* 81: 2126-2136.
- Wilson, J. 1842. *A Voyage Round the Coasts of Scotland and the Isles*. 2 volumes. A. & C. Black, Edinburgh.
- Wynne-Edwards, V.C. 1954. Ptarmigan on Kincardineshire coast. *Scottish Naturalist* 1954: 42.

055 Black Grouse (30)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Angelstam, P. 1984. Sexual and seasonal differences in mortality of the black grouse *Tetrao tetrix* in boreal Sweden. *Ornis Scandinavica* 15: 123-134.
- Baines, D. 1991. Factors contributing to local and regional variations in Black Grouse breeding success in northern Britain. *Ornis Scandinavica* 22: 264-270.
- Baines, D. 1994. Seasonal differences in habitat selection by Black Grouse *Tetrao tetrix* in the northern Pennines, England. *Ibis* 136: 39-43.
- Baines, D. 1996a. The implications of grazing and predator management on the habitats and breeding success of black grouse *Tetrao tetrix*. *Journal of Applied Ecology* 33: 54-62.
- Baines, D. 1996b. Seasonal variation in lek attendance and lek behaviour by male Black Grouse *Tetrao tetrix*. *Ibis* 138: 177-180.
- Baines, D. & Hudson, P.J. 1995. The decline of Black Grouse in Scotland and northern England. *Bird Study* 42: 122-131.
- Baines, D. & Summers, R.W. 1997. Assessment of bird collisions with deer fences in Scottish forests. *Journal of Applied Ecology* 34: 941-948.
- Baines, D., Wilson, I.A. & Beeley, G. 1996. Timing of breeding in Black Grouse *Tetrao tetrix* and Capercaillie *Tetrao urogallus* and distribution of insect food for the chicks. *Ibis* 138: 181-187.
- Caizergues, A. & Ellison, L.N. 1997. Survival of Black Grouse *Tetrao tetrix* in the French Alps. *Wildlife Biology* 3: 177-185.
- Caizergues, A. & Ellison, L.N. 2002. Natal dispersal and its consequences in Black Grouse *Tetrao tetrix*. *Ibis* 144: 478-487.
- Cayford, J.T. 1993. *Black Grouse and Forestry: habitat requirements and management*. Forestry Commission Technical Paper 1. Forestry Commission, Edinburgh.
- Grant, M. & Dawson, B. 2005. Black Grouse habitat requirements in forested environments: implications for conservation management. In: *Proceedings of the 3rd International Black Grouse Conference*. pp 106-119.
- Hancock, M., Baines, D., Gibbons, D., Etheridge, B. & Shepherd, M. 1999. Status of male Black Grouse *Tetrao tetrix*

- in Britain in 1995-96. *Bird Study* 46: 1-15.
- Haysom, S.L. 2001. *Aspects of the ecology of black grouse (Tetrao tetrix) in plantation forests in Scotland*. Unpublished PhD thesis, University of Stirling.
- Höglund, J., Baines, D., Larsson, J.K. & Segelbacher, G. 2003. Population fragmentation and genetic variability in European Black Grouse - a progress report. *Sylvia* 39 (supplement): 17-23.
- MacFarlane, J. 2002. *Habitat associations of Black Grouse Tetrao tetrix broods in a native pinewood forest*. Unpublished MSc thesis, University of Reading.
- Marcström, V., Kenward, R.E. & Engren, E. 1988. The impact of predation on boreal tetraonids during vole cycles: an experimental study. *Journal of Animal Ecology* 57: 859-872.
- Moss, R. 1985. Rain, breeding success and distribution of Capercaillie *Tetrao urogallus* and Black Grouse *Tetrao tetrix* in Scotland. *Ibis* 128: 65-72.
- Pearce-Higgins, J.W., Grant, M.C., Robinson, M.C. & Haysom, S.L. 2007. The role of forest maturation in causing the decline of Black Grouse *Tetrao tetrix* *Ibis* 149: 143-155.
- Picozzi, N. & Catt, D.C. 1988. Habitat requirements of black grouse in the Spey Valley. In: Jenkins, D. (ed.) *Land Use in the River Spey Catchment*. pp 222-223. Aberdeen Centre for Land Use Aberdeen.
- Picozzi, N. & Hepburn, L.V. 1986. A study of black grouse in North East Scotland. In: Hudson, P. & Lovel, T.W.I. (eds) *Proceedings of the 3rd International Grouse Symposium, York, 1984*. pp 462-480. International Council for Game & Wildlife Conservation/World Pheasant Association.
- Robel, R. 1969a. Movements and flock stratification within a population of blackcocks (*Lyrurus tetrix*) in Scotland. *Journal of Animal Ecology* 38: 755-763.
- Robel, R.J. 1969b. Nesting activities and brood movements of Black Grouse in Scotland. *Ibis* 111: 395-399.
- Robinson, M.C., Baines, D. & Mattingley, W. 1993. A survey of Black Grouse leks in Perthshire. *Scottish Birds* 17: 20-26.
- Summers, R.W., Green, R.E., Proctor, R., Dugan, D., Lambie, D., Moncrieff, R., Moss, R. & Baines, D. 2004a. An experimental study of the effects of predation on the breeding productivity of capercaillie and black grouse. *Journal of Applied Ecology* 41: 513-525.
- Warren, P. & Baines, D. 2002. Dispersal, survival and causes of mortality in Black Grouse *Tetrao tetrix* in northern England. *Wildlife Biology* 8: 129-135.
- Watson, A. 1997b. Capercaillie and Black Grouse south of Banff in the 1940s. *Scottish Birds* 19: 117-118.
- Watson, A. & Nethersole-Thompson, D. 2006. Black Grouse and Western Capercaillie on upper Speyside in 1934-42. *Scottish Birds* 26: 55-59.
- Willebrand, T. 1988. *Demography and ecology of a Black Grouse Tetrao tetrix population*. Unpublished PhD thesis, Uppsala University, Sweden.

056 Western Capercaillie (44)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Baines, D. & Andrew, M. 2003. An experiment to assess the value of fence markings in reducing the frequency of collisions with deer fences by woodland grouse. *Biological Conservation* 110: 169-176.
- Baines, D., Moss, R. & Dugan, D. 2004. Capercaillie breeding success in relation to forest habitat and predator abundance. *Journal of Applied Ecology* 41: 59-71.
- Boag, D.A., Watson, A. & Bousfield, N. 1971. Characteristics of Pheasant x Capercaillie hybrids. *Scottish Birds* 6: 313-321.
- Catt, D.C., Baines, D., Picozzi, N., Moss, R. & Summers, R.W. 1998. Abundance and distribution of capercaillie *Tetrao urogallus* in Scotland 1992-1994. *Biological Conservation* 85: 257-267.
- Clancey, P.A. 1949. On the extinct Scottish Great Spotted Woodpecker and Capercaillie with a suggestion for systematic treatment. *Scottish Naturalist* 1949: 182-184.
- Cocker, M. & Mabey, R. 2005. *Birds Britannica*. Chatto & Windus, London.
- Cosgrove, P. & Oswald, J. 2001. Western Capercaillie captures in snares. *Scottish Birds* 22: 28-30.
- Harris, J. 1960. Some observations on the Capercaillie. *Scottish Birds* 1: 283-286.
- Harvie-Brown, J.A. 1878. On the Capercaillie in Scotland. *Proceedings of the Natural History Society of Glasgow* 3: 348-349.
- Harvie-Brown, J.A. 1879. *The Capercaillie in Scotland, with some account of the extension of its range since its restoration at Taymouth in 1837 and 1838*. David Douglas, Edinburgh.
- Harvie-Brown, J.A. 1880c. The Capercaillie in Scotland. *Scottish Naturalist* 1880: 289-294.
- Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
- Jenkins, D. & Mylne, C.K. 1962. Aggressive Capercaillies. *Scottish Birds* 2: 81-84.
- Johnstone, G.W. & Zwickel, F.C. 1966. Numbers of Capercaillie in the Black Wood of Rannoch. *British Birds* 59: 498-499.
- Jones, A.M. 1990. Capercaillie numbers on three Loch Lomond islands. *Scottish Birds* 16: 47.
- Kirkman, F.B. & Hutchinson, H.G. (eds) 1924. *British Sporting Birds*. T.C. & E.C. Jack, London.
- Macdonald, N.G. 1973. Autumn aggression of Capercaillie. *Scottish Birds* 7: 258.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.

- Moss, R. 1994. Research on Capercaillie and their habitat. *Scottish Birds* 17: 127-131.
- Moss, R. 2001. Second extinction of capercaillie (*Tetrao urogallus*) in Scotland? *Biological Conservation* 101: 255-257.
- Moss, R. & Oswald, J. 1985. Population dynamics of capercaillie in a North-east Scottish glen. *Ornis Scandinavica* 16: 229-238.
- Moss, R., Oswald, J. & Baines, D. 2001. Climate change and breeding success: decline of the capercaillie in Scotland. *Journal of Animal Ecology* 70: 47-61.
- Moss, R., Picozzi, N. & Catt, D.C. 2006. Natal dispersal of capercaillie *Tetrao urogallus* in northeast Scotland. *Wildlife Biology* 12: 227-232.
- Moss, R., Picozzi, N., Summers, R.W. & Baines, D. 2000. Capercaillie *Tetrao urogallus* in Scotland - demography of a declining population. *Ibis* 142: 259-267.
- Moss, R. & Watson, A. 2001. Population cycles in birds of the grouse family (Tetraonidae). *Advances in Ecological Research* 32: 53-111.
- Moss, R., Weir, D. & Jones, A. 1979b. Capercaillie management in Scotland. In: Lovel, T.W.I. (ed.) *Woodland Grouse 1978*. pp 140-155.
- Moss, R. & Weir, D.N. 1987. Demography of Capercaillie *Tetrao urogallus* in north-east Scotland. III. Production and recruitment of young. *Ornis Scandinavica* 18: 141-145.
- Murray, R. 1986. *The Birds of the Borders*. Scottish Ornithologists' Club, Borders Branch, Penicuik.
- Pennie, I.D. 1950. The history and distribution of the Capercaillie in Scotland. *Scottish Naturalist* 1950: 65-87, 157-178.
- Pennie, I.D. 1951. The history and distribution of the Capercaillie in Scotland. *Scottish Naturalist* 1951: 4-17 and 1951 (Supplement): 135.
- Picozzi, N., Catt, D.C. & Moss, R. 1992. Evaluation of capercaille habitat. *Journal of Applied Ecology* 29: 751-762.
- Sim, G. 1903. *The Vertebrate Fauna of 'Dee'*. Wyllie, Aberdeen.
- Smout, A.-M. 1986. *The Birds of Fife: an outline of their status and distribution*. John Donald, Edinburgh.
- Storch, I. 2001. *Tetrao urogallus* Capercaillie. *BWP Update* 3: 1-24.
- Summers, R.W., Green, R.E., Proctor, R., Dugan, D., Lambie, D., Moncrieff, R., Moss, R. & Baines, D. 2004a. An experimental study of the effects of predation on the breeding productivity of capercaillie and black grouse. *Journal of Applied Ecology* 41: 513-525.
- Summers, R.W., Proctor, R. & Shah, I.H. 1995. Lek habitats of Capercaillie at Abernethy Forest, Strathspey. *Scottish Birds* 18: 11-19.
- Taylor, W.L. 1948. The capercaillie in Scotland. *Journal of Animal Ecology* 17: 155-157.
- Thom, V.M. 1966a. Capercaillie x Black Grouse hybrid in Perthshire. *Scottish Birds* 4: 88.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
- Watson, A. 1997b. Capercaillie and Black Grouse south of Banff in the 1940s. *Scottish Birds* 19: 117-118.
- Watson, A. & Nethersole-Thompson, D. 2006. Black Grouse and Western Capercaillie on upper Speyside in 1934-42. *Scottish Birds* 26: 55-59.
- Wilkinson, N.I., Langston, R.H.W., Gregory, R.D., Gibbons, D.W. & Marquiss, M. 2002. Capercaillie *Tetrao urogallus* abundance and habitat use in Scotland, in winter 1998-99. *Bird Study* 49: 177-185.
- Zwickel, F.C. 1966. Sex and age ratios and weights of Capercaillie from the 1965-66 shooting season in Scotland. *Scottish Birds* 4: 209-213.

057 Red-legged Partridge (12)

- Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
- Christison, P. 1959. Red-legged Partridge in Scotland. *Scottish Birds* 1: 94.
- Dewar, T.F. 1896. Red-legged Partridge in Forfarshire. *Annals of Scottish Natural History* 1896: 59-60.
- Duthie, W.H.M. 1900. Red-legged Partridge in Forfarshire. *Annals of Scottish Natural History* 1900: 50.
- Green, R.E. 1984. Double nesting of the Red-legged Partridge *Alectoris rufa*. *Ibis* 126: 332-346.
- Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
- Madge, S. & McGowan, P. 2002. *Pheasants, Partridges and Grouse*. Christopher Helm, London.
- Potts, G.R. 1986. *The Partridge: pesticides, predation and conservation*. Collins, London.
- Potts, G.R. 1989. The impact of releasing hybrid partridges on wild Red-legged Partridge populations. *Game Conservation Annual Review* 20: 81-85.
- Sim, G. 1903. *The Vertebrate Fauna of 'Dee'*. Wyllie, Aberdeen.
- Tapper, S. 1999. *A Question of Balance*. Game Conservancy Trust, Fordingbridge.
- Weld, B.E. 1962. Red-legged Partridges in Perthshire. *Scottish Birds* 2: 96.

058 Grey Partridge (17)

- Aebischer, N.J., Green, R.E. & Evans, A.D. 2000. From science to recovery: four case studies of how research has been translated into conservation action in the UK. In: Aebischer, N.J., Evans, A.D., Grice, P.V. & Vickery, J.A. (eds) *Ecology and Conservation of Lowland Farmland Birds*. pp 43-54. BOU, Tring.

- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
- Gregory, R.D., Wilkinson, N.I., Noble, D.G., Robinson, J.A., Brown, A.F., Hughes, J., Procter, D., Gibbons, D.W. & Galbraith, C.A. 2002. The population status of birds in the United Kingdom, Channel Islands and Isle of Man: an analysis of conservation concern 2002-2007. *British Birds* 95: 410-448.
- Harvie-Brown, J.A. & Buckley, T.E. 1888. *A Vertebrate Fauna of the Outer Hebrides*. David Douglas, Edinburgh.
- Madge, S. & McGowan, P. 2002. *Pheasants, Partridges and Grouse*. Christopher Helm, London.
- McMillan, R.L. 2005. *Skye Birds: an illustrated guide to the birds of Skye*. Skye-birds.com, Elgol.
- Potts, G.R. 1970. Recent changes in the farmland fauna with special reference to the decline of the Grey Partridge *Perdix perdix*. *Bird Study* 17: 145-166.
- Potts, G.R. 1980. The effects of modern agriculture, nest predation and game management on the population ecology of partridges (*Perdix perdix* and *Alectoris rufa*). *Advances in Ecological Research* 11: 1-82.
- Potts, G.R. 1986. *The Partridge: pesticides, predation and conservation*. Collins, London.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Sotherton, N.W. & Self, M.J. 2000. Changes in plant and arthropod biodiversity on lowland farmland: an overview. In: Aebischer, N.J., Evans, A.D., Grice, P.V. & Vickery, J.A. (eds) *Ecology and Conservation of Lowland Farmland Birds*. pp 26-35. BOU, Tring.
- Tapper, S. 1999. *A Question of Balance*. Game Conservancy Trust, Fordingbridge.
- Tapper, S.C. 1992. *Game Heritage: an ecological review from shooting and game keeping records*. The Game Conservancy, Fordingbridge.
- Tapper, S.C., Potts, G.R. & Brockless, M.H. 1996. The effect of experimental reductions in predation pressure on the breeding success and population density of grey partridges *Perdix perdix*. *Journal of Applied Ecology* 33: 968-979.
- Venables, L.S.V. & Venables, U.M. 1955. *The Birds and Mammals of Shetland*. Oliver & Boyd, Edinburgh.
- Watson, A. 1960. Partridges nesting at high altitude. *Scottish Birds* 1: 186-187.

059 Common Quail (15)

- Adair, P. 1892a. On the former abundance of Quail (*Coturnix communis*, Bonnaterre) in Wigtownshire. *Annals of Scottish Natural History* 1892: 168-171.
- Adair, P. 1893. Quail (*Coturnix communis*) in Wigtownshire in 1892. *Annals of Scottish Natural History* 1893: 45.
- Brown, A. & Grice, P. 2005. *Birds in England*. T. & A.D. Poyser, London.
- Darroch, J.N. 1991. Quails in the Clyde Area 1989. *Clyde Birds* 3: 69-70.
- Gill, D.J.G. 1993. Quail activity at Gowanswell 1992. *North-East Scotland Bird Report* 1992: 14-16.
- Guyomarc'h, J.C., Combret, O., Puigcerver, M., Fontoura, P., Aebischer, N. & Wallace, D.I.M. 1998. *Coturnix coturnix* Quail. *BWP Update* 2: 27-46.
- Hinxman, L.W. 1894. Report on the movements and occurrence of birds in Scotland during 1893. *Annals of Scottish Natural History* 1894: 212-224.
- Kehoe, C. 2004. An odd Quail at Plex Moss. *Lancashire Bird Report* 2003: 158-159.
- Madge, S. & McGowan, P. 2002. *Pheasants, Partridges and Grouse*. Christopher Helm, London.
- Marchant, J.H., Hudson, R., Carter, S.P. & Whittington, P. 1990. *Population Trends in British Breeding Birds*. BTO/JNCC, Tring.
- Moreau, R.E. 1951. The British status of the Quail and some problems of its biology. *British Birds* 44: 257-276.
- Murray, R.D. 1991a. Quail in Scotland, 1989. *Scottish Bird Report* 1989: 45-50.
- Puigcerver, M., Rodríguez-Teijero, J.D. & Gallego, S. 2001. The problems of the subspecies in *Coturnix coturnix* quail. *Game and Wildlife Science* 18: 561-572.
- Smith, G.D. & McGarry, O. 1990. Influx of Quail in Lothian 1989. *Lothian Bird Report* 1989: 90-92.
- Tucker, G.M. & Heath, M.F. 1994. *Birds in Europe: their conservation status*. BirdLife Conservation Series No. 3. BirdLife International, Cambridge.
- Watson, A. 2001. Common Quail heard on north east Scottish farmland in 1988-2001. *Scottish Birds* 22: 112-113.

060 Common Pheasant (18)

- Boag, D.A., Watson, A. & Bousfield, N. 1971. Characteristics of Pheasant x Capercaillie hybrids. *Scottish Birds* 6: 313-321.
- da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
- Gill, M.F. 1977. Reared Pheasants a review of research and management. *Game Conservancy Annual Review* 1976: 76-82.
- Hill, D.A. & Ridley, M.W. 1987. Sexual segregation in winter, spring dispersal and habitat use in the Pheasant (*Phasianus colchicus*). *Journal of Zoology, London* 212: 657-668.
- Hill, D.A. & Robertson, P.A. 1988. *The Pheasant: ecology, management and conservation*. Blackwell Scientific Publications, London.

- Johnsgard, P.A. 1986. *Pheasants of the World*. Oxford University Press, Oxford.
- Jourdain, F.C.R. 1906a. On the hybrids which have occurred in Great Britain between Black-game and Pheasant. *Zoologist* 1906: 321-330, 433-435.
- Jourdain, F.C.R. 1906b. Hybrids between Black Game and Pheasants in Scotland. *Annals of Scottish Natural History* 1906: 238-239.
- Madge, S. & McGowan, P. 2002. *Pheasants, Partridges and Grouse*. Christopher Helm, London.
- Millais, J.G. 1906. Exhibition of a hybrid between Black Game and Pheasant. *Bulletin of the British Ornithologists' Club* 16: 55-56.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Ridely, M.W. 1983. *The mating system of the Pheasant Phasianus colchicus*. Unpublished DPhil thesis, University of Oxford.
- Robertson, P.A., Woodburn, M.A., Tapper, S.C. & Stoate, C. 1989. *Estimating game densities in Britain from land-use maps*. Unpublished report. Institute of Terrestrial Ecology.
- Tapper, S. 1999. *A Question of Balance*. Game Conservancy Trust, Fordingbridge.
- Tapper, S.C. 1992. *Game Heritage: an ecological review from shooting and game keeping records*. The Game Conservancy, Fordingbridge.
- Venables, L.S.V. & Venables, U.M. 1955. *The Birds and Mammals of Shetland*. Oliver & Boyd, Edinburgh.
- Woodburn, M.A. & Robertson, P.A. 1990. Woodland management for pheasants: economics and conservation effects. In: Lumeij, J.T. & Hoogeveen, Y.R. (eds) *The Future of Wild Galliformes in The Netherlands*. pp 185-197. Organisatiecommissie Nederlandse Wilde Hoenders, Amersfoort, Netherlands.
- Zhang, Z.W. 1991. Pheasant densities in China. *Game Conservation Annual Review* 22: 116.

061 Golden Pheasant (16)

- Balmer, D.E., Browne, S.J. & Rehfisch, M.M. 1996. A year in the life of Golden Pheasants *Chrysolophus pictus* L. In: Holmes, J.S. & Simons, J.R. (eds) *The Introduction and Naturalisation of Birds*. pp 87-93. The Stationery Office, London.
- Beebe, W. 1936. *Pheasants: their lives and homes*. Doubleday, Doran & Company, Garden City, New York.
- Goodwin, D. 1948. Incubation habits of the Golden Pheasant. *Ibis* 90: 280-284.
- Harvie-Brown, J.A. & Buckley, T.E. 1892. *A Vertebrate Fauna of Argyll and the Inner Hebrides*. David Douglas, Edinburgh.
- Holland, J. 1994. *Status of Golden Pheasant in Kirroughtree Forest*. Unpublished report to Forestry Commission, Newton Stewart Forest District.
- Lever, C. 1977. *The Naturalized Animals of the British Isles*. Hutchinson & Co. (Publishers) Ltd, London.
- Liang, W., Zheng, G.M., Zhang, Z.W. & Ding, C.Q. 2003. Habitat use by Golden Pheasants (*Chrysolophus pictus*) based on radio-tracking locations. *Acta Zoologica Sinica* 49: 179-184.
- Lianxian, H. 1996. Update on Golden Pheasants in China. *Game Bird Conservationists' Gazette* March 1996: 19.
- Long, J.L. 1981. *Introduced Birds of the World*. David & Charles, London.
- Madge, S. & McGowan, P. 2002. *Pheasants, Partridges and Grouse*. Christopher Helm, London.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- Maxwell, H. 1905. Naturalisation of the Golden Pheasant. *Annals of Scottish Natural History* 1905: 53-54.
- Ming, M. 1994. Decline of the Golden Pheasant in China. *World Pheasant Association News* 43: 41.
- Murray, R. 1986. *The Birds of the Borders*. Scottish Ornithologists' Club, Borders Branch, Penicuik.
- Robertson, P.A. 1996b. Naturalised introduced gamebirds in Britain. In: Holmes, J.S. & Simons, J.R. (eds) *The Introduction and Naturalisation of Birds*. pp 63-69. The Stationery Office, London.
- Wayre, P. 1969. *A Guide to the Pheasants of the World*. Country Life Books, London.

062 Red-throated Diver (31)

- Baker, H., Stroud, D.A., Aebsicher, N.J., Cranswick, P.A., Gregory, R.D., McSorley, C.A., Noble, D.G. & Rehfisch, M.M. 2006. Population estimates of birds in Great Britain and the United Kingdom. *British Birds* 99: 25-44.
- Barrett, J. & Barrett, C.F. 1985a. Divers in the Moray Firth, Scotland. *Scottish Birds* 13: 149-154.
- Booth, C.J. 1982. Fledgling success of some Red-throated Divers in Orkney. *Scottish Birds* 12: 33-38.
- Booth, C.J. 1999. Breeding success of Red-throated Divers on Orkney Mainland, 1973-1998. *Scottish Birds* 20: 94-97.
- Broad, R.A., Seddon, A.J.E. & Stroud, D.A. 1986. The waterfowl of freshwater lochs in Argyll: May-June 1985. *Argyll Bird Report* 3: 77-88.
- Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
- Bundy, G. 1976. Breeding biology of the Red-throated Diver. *Bird Study* 23: 249-256.
- Bundy, G. 1978a. Breeding Red-throated Divers in Shetland. *British Birds* 71: 199-208.
- Buxton, N.E. 1983. Unnatural mortality of Red-throated Divers. *Scottish Birds* 12: 227-228.
- Colling, A. & Colling, E. 2003. Breeding Red-throated Divers *Gavia stellata* on Islay in 2002. *Argyll Bird Report* 18: 121-122.

- Cook, M. 1992. *The Birds of Moray and Nairn*. The Mercat Press, Edinburgh.
- Cranswick, P.A., Worden, J., Ward, R.M., Rowell, H.E., Hall, C., Musgrove, A.J., Hearn, R.D., Holloway, S.J., Banks, A.N., Austin, G.E., Griffin, L.R., Hughes, B., Kershaw, M., O'Connell, M.J., Pollitt, M.S., Rees, E.C. & Smith, L.E. 2005. *The Wetland Bird Survey 2001-03: wildfowl and wader counts*. BTO/WWT/RSPB/JNCC, Slimbridge.
- Crombie, J. 2002. Breeding status of Red-throated Divers *Gavia stellata* in Ireland. *Irish Birds* 7: 13-20.
- Dean, B.J., Webb, A., McSorley, C.A. & Reid, J.B. 2003. *Aerial surveys of UK inshore areas for wintering seaduck, divers and grebes: 2000/01 and 2001/02*. Unpublished report 333. JNCC.
- Dean, B.J., Webb, A., McSorley, C.A., Schofield, R.A. & Reid, J.B. 2004. *Surveillance of wintering seaducks, divers and grebes in UK inshore areas: aerial surveys and shore-based counts 2003/04*. Unpublished report 357. JNCC.
- Dennis, R. 1995a. *The Birds of Badenoch and Strathspey*. 2nd Edition. Colin Baxter Photography, Grantown-on-Spey.
- Evans, R.J. 1998. Numbers of wintering seaducks, divers and grebes in the Moray Firth, 1977-1995. *Scottish Birds* 19: 206-222.
- Fowler, J.A. & Hicks, R. 1986. Movement of unfledged Red-throated Diver to the sea. *Scottish Birds* 14: 49.
- Gibbons, D.W., Bainbridge, I.P., Mudge, G.P., Tharme, A.P. & Ellis, P.M. 1997. The status and distribution of the Red-throated Diver *Gavia stellata* in Britain in 1994. *Bird Study* 44: 194-205.
- Gomersall, C.H. 1986. Breeding performance of the Red-throated Diver *Gavia stellata* in Shetland. *Holarctic Ecology* 9: 277-284.
- Gomersall, C.H., Morton, J.S. & Wynde, R.M. 1984. Status of breeding Red-throated Divers in Shetland, 1983. *Bird Study* 31: 223-229.
- Hart, A.S., Jardine, D.C. & Jewitt, C. 1998. Red-throated Diver feeding young in October. *British Birds* 91: 231.
- Innes, M. 1995. The movement of divers and grebes off Peterhead, Grampian. *North-East Scotland Bird Report* 1994: 70-79.
- Merrie, T.D.H. 1996a. Breeding success of raft-nesting divers in Scotland. *British Birds* 89: 306-309.
- O'Brien, S.H., Wilson, L.J., Webb, A. & Cranswick, P.A. in press. Revised estimate of numbers of wintering Red-throated Divers *Gavia stellata* in Great Britain. *Bird Study*.
- Ogilvie, M. & the Rare Breeding Birds Panel. 2001. Rare breeding birds in the United Kingdom in 1999. *British Birds* 94: 344-381.
- Okill, J.D. 1981. Catching and ringing Red-throated Divers. *BTO Ringers' Bulletin* 5: 120-122.
- Okill, J.D. 1992a. Natal dispersal and breeding site fidelity of Red-throated Divers *Gavia stellata* in Shetland. *Ringing & Migration* 13: 57-58.
- Okill, J.D. 1994. Ringing recoveries of Red-throated Divers *Gavia stellata* in Britain and Ireland. *Ringing & Migration* 15: 107-118.
- Okill, J.D. & Wanless, S. 1990. Breeding success and chick growth of Red-throated Divers *Gavia stellata* in Shetland, 1979-88. *Ringing & Migration* 11: 65-72.
- Williams, E.J. 2000. Wintering seabirds in Scapa Flow, Orkney, October 1998 to March 1999. *Scottish Birds* 21: 15-26.

063 Black-throated Diver (24)

- Bundy, G. 1979. Breeding and feeding observations on Black-throated Divers. *Bird Study* 26: 33-36.
- Butterfield, D. 2004a. The Black-throated Diver raft programme in Scotland. *Scottish Bird News* 74: 9-11.
- Campbell, L.H. & Talbot, T.R. 1987. Breeding status of Black-throated Divers in Scotland. *British Birds* 80: 1-8.
- Clark, J.A., Robinson, R.A., Balmer, D.E., Blackburn, J.R., Griffin, B.M., Adams, S.Y., Collier, M.P. & Grantham, M.J. 2003. Bird ringing in Britain and Ireland in 2002. *Ringing & Migration* 21: 234-267.
- Donald, C. 2000. Post breeding congregations of adult Black-throated Divers in Wester Ross. *Scottish Birds* 21: 47-48.
- Evans, R.J. 1998. Numbers of wintering seaducks, divers and grebes in the Moray Firth, 1977-1995. *Scottish Birds* 19: 206-222.
- Fuller, R.J. 2003. Communal roosting behaviour of Black-throated Divers on a freshwater loch in late summer. *British Birds* 96: 137.
- Gilbert, G. 1993. *Vocal individuality as a census and monitoring tool: practical consideration illustrated by a study of the Bittern Botaurus stellaris and the Black-throated Diver Gavia arctica*. Unpublished PhD thesis, University of Nottingham.
- Ginn, H.B. & Melville, D.S. 1983. *Moult in Birds*. BTO Guide 19. BTO, Tring.
- Gordon, S. 1975. First days in the life of a Black-throated Diver. *Scottish Birds* 8: 319.
- Hancock, M.H. 2000. Artificial floating islands for nesting Black-throated Divers *Gavia arctica* in Scotland: their construction, use and effect on breeding success. *Bird Study* 47: 165-175.
- Hemmingsson, E. & Eriksson, M.O.G. 2002. Ringing of Red-throated Diver *Gavia stellata* and Black-throated Diver *Gavia arctica* in Sweden. *Wetlands International Diver/Loon Research Group Newsletter* 4: 8-13.
- Jackson, D.B. 2003b. Between-lake differences in the diet and provisioning behaviour of Black-throated Divers *Gavia arctica* breeding in Scotland. *Ibis* 145: 30-44.
- Jackson, D.B. 2005. Environmental correlates of lake occupancy and chick survival of Black-throated Divers *Gavia arctica* in Scotland. *Bird Study* 52: 225-236.

- McWilliam, J.M. 1931. On the breeding of the Black-throated and Red-throated Divers in South Argyllshire. *Scottish Naturalist* 1931: 161-164.
- Mee, A. 1991. Black-throated Diver attacking and killing Red-throated Diver. *Scottish Birds* 16: 140.
- Merrie, T.D.H. 1996a. Breeding success of raft-nesting divers in Scotland. *British Birds* 89: 306-309.
- Merrie, T.D.H. 1996b. Black-throated Diver feeding on Common Frogs. *Scottish Birds* 18: 253.
- Mudge, G.P., Dennis, R.H., Talbot, T.R. & Broad, R.A. 1991. Changes in the breeding status of Black-throated Divers in Scotland. *Scottish Birds* 16: 77-84.
- Mudge, G.P. & Talbot, T.R. 1993. The breeding biology and causes of nest failure of Scottish Black-throated Divers *Gavia arctica*. *Ibis* 135: 113-120.
- Stone, B.H., Sears, J., Cranswick, P.A., Gregory, R.D., Gibbons, D.W., Rehfisch, M.M., Aebischer, N.J. & Reid, J.B. 1997. Population estimates of birds in Britain and in the United Kingdom. *British Birds* 90: 1-22.
- Stroud, D.A., Chambers, D., Cook, S., Buxton, N., Fraser, B., Clement, P., Lewis, P., McLean, I., Baker, H. & Whitehead, S. 2001. *The UK SPA network: its scope and content*. Joint Nature Conservation Committee, Peterborough.
- Whyte, C., Hancock, M., Bainbridge, I. & Jackson, D. 1995. *The joint RSPB SNH 1994 Black-throated Diver Gavia arctica survey*. Unpublished report. RSPB.
- Williams, E.J. 2000. Wintering seabowl in Scapa Flow, Orkney, October 1998 to March 1999. *Scottish Birds* 21: 15-26.

064 Great Northern Diver (32)

- Bannerman, D.A. 1959. *The Birds of the British Isles*. Volume 8. Oliver & Boyd, Edinburgh.
- Barrett, J. & Barrett, C.F. 1985a. Divers in the Moray Firth, Scotland. *Scottish Birds* 13: 149-154.
- Batten, L.A., Bibby, C.J., Clement, P., Elliott, G.D. & Porter, R.F. 1990. *Red Data Birds in Britain: action for rare, threatened and important species*. T. & A.D. Poyser, London.
- Baxter, P.A.A. 1998b. An unusual plumaged diver in Fife. *Birding Scotland* 1: 72.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Cranswick, P.A., Worden, J., Ward, R.M., Rowell, H.E., Hall, C., Musgrove, A.J., Hearn, R.D., Holloway, S.J., Banks, A.N., Austin, G.E., Griffin, L.R., Hughes, B., Kershaw, M., O'Connell, M.J., Pollitt, M.S., Rees, E.C. & Smith, L.E. 2005. *The Wetland Bird Survey 2001-03: wildfowl and wader counts*. BTO/WWT/RSPB/JNCC, Slimbridge.
- Dean, B.J., Webb, A., McSorley, C.A. & Reid, J.B. 2003. *Aerial surveys of UK inshore areas for wintering seaduck, divers and grebes: 2000/01 and 2001/02*. Unpublished report 333. JNCC.
- Dean, B.J., Webb, A., McSorley, C.A., Schofield, R.A. & Reid, J.B. 2004. *Surveillance of wintering seaducks, divers and grebes in UK inshore areas: aerial surveys and shore-based counts 2003/04*. Unpublished report 357. JNCC.
- Dickson, R.C. 1992. *The Birds in Wigtownshire: a guide to their status and distribution*. GC Book Publishers Ltd., Wigtown.
- Ellis, P. 1979. *Survey of winter birds on the coast of Skye*. Unpublished report. NCC.
- Evans, A.H. & Buckley, T.E. 1899. *A Vertebrate Fauna of the Shetland Islands*. David Douglas, Edinburgh.
- Evers, D.C., Kaplan, J.D., Reaman, P.S., Paruk, J.D. & Phifer, P. 2000. A demographic characterization of the common loon in the upper Great Lakes. In: McIntyre, J. & Evers, D.C. (eds) *Loons: Old history and new findings. Proceedings of a Symposium from the 1997 meeting, American Ornithologists' Union*. pp 78-90. North American Loon Fund, Holderness, NH, USA.
- Harvie-Brown, J.A. 1868a. Ornithological notes for the last six months, including extracts from the journal of a nesting tour in Sutherland. *Zoologist* 26: 1305-1311.
- Harvie-Brown, J.A. 1868b. Great Northern Diver breeding in Scotland. *Zoologist* 26: 1424.
- Harvie-Brown, J.A. & Buckley, T.E. 1887. *A Vertebrate Fauna of Sutherland, Caithness and West Cromarty*. David Douglas, Edinburgh.
- Heubeck, M. & Richardson, M.G. 1980. Bird mortality following the Esso Bernicia oil spill, Shetland, December 1978. *Scottish Birds* 11: 97-108.
- Hunter, E.N. 1970. Great Northern Diver breeding in Scotland. *Scottish Birds* 6: 195.
- Hunter, E.N. & Dennis, R.H. 1972. Hybrid Great Northern Diver x Black-throated Diver in Wester Ross. *Scottish Birds* 7: 89-91.
- Innes, M. 1995. The movement of divers and grebes off Peterhead, Grampian. *North-East Scotland Bird Report* 1994: 70-79.
- Mason, C.F. & Macdonald, S.M. 1988. Pollutant burden of a Great Northern Diver *Gavia immer*. *Bird Study* 35: 11-12.
- McIntyre, J.W. 1975. *Biology and behavior of the Common Loon (Gavia immer) with reference to its adaptability in a man-altered environment*. Unpublished PhD thesis, University of Minnesota, USA.
- McIntyre, J.W. 1988. *The Common Loon, spirit of Northern Lakes*. University of Minnesota Press, Minneapolis.
- McIntyre, J.W. & Barr, J.F. 1997. Common Loon (*Gavia immer*). In: Poole, A. & Gill, F. (eds) *The Birds of North America*. Volume 313. The Academy of Natural Sciences & the American Ornithologists' Union, Philadelphia & Washington DC.
- McMillan, R.L. 2005. *Skye Birds: an illustrated guide to the birds of Skye*. Skye-birds.com, Elgol.

- Meiklejohn, M.F.M. & Palmar, C.E. 1955. Report on birds of the Clyde Area, 1954. *Scottish Naturalist* 1955: 65-71.
- Moser, M.E., Broad, R.A., Dennis, R.H. & Madders, M. 1986. The distribution and abundance of some coastal birds on the west and north-west coasts of Scotland in winter. *Scottish Birds* 14: 61-67.
- Murray, R. 1986. *The Birds of the Borders*. Scottish Ornithologists' Club, Borders Branch, Penicuik.
- Noble, R. & Vittery, A. 2003. Recent indications of breeding by Great Northern Divers. *Sutherland Bird Review* 2: 22-25.
- Venables, L.S.V. & Venables, U.M. 1955. *The Birds and Mammals of Shetland*. Oliver & Boyd, Edinburgh.
- Webb, A., Harrison, N.M., Leaper, G.M., Steele, R.D., Tasker, M.L. & Pienkowski, M.W. 1990. *Seabird Distribution West of Britain. Final Report of Phase 3 of the Nature Conservancy Council Seabirds at Sea Project 1986-1990*. Nature Conservancy Council, Aberdeen.
- Weir, D.N., McGowan, R.Y., Kitchener, A.C., McOrist, S. & Heubeck, M. 1996b. Effects of oil spills and shooting on Great Northern Divers which winter in Scotland. *Dansk Ornithologisk Forenings Tidsskrift* 90: 29-33.
- Williams, E.J. 2000. Wintering seabowl in Scapa Flow, Orkney, October 1998 to March 1999. *Scottish Birds* 21: 15-26.

065 Yellow-billed Diver (14)

- Bell, J. 2006. Spring passage of White-billed Divers off south-west Norway. *Birding World* 19: 62-63.
- Burn, D.M. & Mather, J.R. 1974. The White-billed Diver in Britain. *British Birds* 67: 257-296.
- Corbet, G.B. 1952. White-billed Northern Diver in Angus. *Scottish Naturalist* 1952: 119-120.
- Cross, A. 1954. White-billed Diver in Angus. *Scottish Naturalist* 1954: 38-39.
- Folvik, A. & Mjøs, A.T. 1995. Spring migration of White-billed Divers past southwestern Norway. *British Birds* 88: 125-129.
- Green, N. & Forrester, R.W. 2005. Yellow-billed Diver in Chelmsford Museum - the earliest record for Scotland and fourth for Britain. *Scottish Birds* 25: 59-61.
- Lees, J. 1959. White-billed Divers in east Ross-shire. *Scottish Birds* 1: 91-92.
- Macmillan, A.T. 1975. Scottish records of the White-billed Diver. *Scottish Birds* 8: 377-379.
- North, M.R. 1994. Yellow-billed Loon (*Gavia adamsii*). In: Poole, A. & Gill, F. (eds) *The Birds of North America*. Volume 121. The Academy of Natural Sciences & the American Ornithologists' Union, Philadelphia & Washington DC.
- Pennie, I.D. 1963. White-billed Diver in south-east Sutherland. *Scottish Birds* 2: 474.
- Thin, R.G. 1952. White-billed Northern Diver seen in East Lothian. *Scottish Naturalist* 1952: 120-121.
- Venables, L.S.V. & Venables, U.M. 1947. White-billed Northern Diver in Shetland. *British Birds* 40: 282.
- Venables, L.S.V. & Venables, U.M. 1955. *The Birds and Mammals of Shetland*. Oliver & Boyd, Edinburgh.
- Venables, L.S.V., Venables, U.M. & Tucker, B.W. 1947. White-billed Northern Diver on Shetland. *British Birds* 40: 112-113.

066 Pied-billed Grebe (2)

- Evans, L.G.R. 1994. *Rare Birds in Britain 1800-1990*. LGRE Publications, Amersham.
- Urquhart, L.A. 1977. Pied-billed Grebe in Kirkcudbrightshire. *Scottish Birds* 9: 297-298.

067 Little Grebe (14)

- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Cook, M. 1992. *The Birds of Moray and Nairn*. The Mercat Press, Edinburgh.
- Dennis, R. 1995a. *The Birds of Badenoch and Strathspey*. 2nd Edition. Colin Baxter Photography, Grantown-on-Spey.
- Dickson, R.C. 1975. Wintering grebes in Loch Ryan. *Scottish Birds* 8: 379-381.
- Eggeling, W.J. 1974. The birds of the Isle of May - a revised assessment of status. *Scottish Birds* 8 (supplement): 93-148.
- Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.
- Glue, D.E. 1990b. Little Grebes rearing three broods in Buckinghamshire. *British Birds* 83: 278.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- McMillan, R.L. 2005. *Skye Birds: an illustrated guide to the birds of Skye*. Skye-birds.com, Elgol.
- Moss, D. & Moss, G.M. 1993. Breeding biology of the Little Grebe *Tachybaptus ruficollis* in Britain and Ireland. *Bird Study* 40: 107-114.
- Rintoul, L.J. & Baxter, E.V. 1935. *A Vertebrate Fauna of Forth*. Oliver & Boyd, Edinburgh & London.
- Sibbald, R. 1684. *Scotia Illustrata, sive Prodromus Historia Naturalis*. J. Kniblo, J. Solingenensis & J. Colmarii, Edinburgh.
- Viniccombe, K. 1982. Breeding and population fluctuation of the Little Grebe. *British Birds* 75: 204-218.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.

068 Great Crested Grebe (15)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Baker, H., Stroud, D.A., Aebischer, N.J., Cranswick, P.A., Gregory, R.D., McSorley, C.A., Noble, D.G. & Rehfisch, M.M. 2006. Population estimates of birds in Great Britain and the United Kingdom. *British Birds* 99: 25-44.
- Campbell, L. 1980. The impact of an oilspill in the Firth of Forth on Great Crested Grebes. *Scottish Birds* 11: 43-48.
- Campbell, L.H. 1978c. *Report of the Forth Ornithological Working Group*. Unpublished report [copy at SOC]. NCC, Edinburgh.
- Cranswick, P.A., Worden, J., Ward, R.M., Rowell, H.E., Hall, C., Musgrove, A.J., Hearn, R.D., Holloway, S.J., Banks, A.N., Austin, G.E., Griffin, L.R., Hughes, B., Kershaw, M., O'Connell, M.J., Pollitt, M.S., Rees, E.C. & Smith, L.E. 2005. *The Wetland Bird Survey 2001-03: wildfowl and wader counts*. BTO/WWT/RSPB/JNCC, Slimbridge.
- Harrison, T.H. & Hollom, P.A.D. 1932. The Great Crested Grebe Enquiry, 1931. *British Birds* 26: 62-92, 102-113, 142-155, 174-195.
- Henderson, T. 1907. Grey Plover, Woodcock and Great Crested Grebe in Shetland in winter. *Annals of Scottish Natural History* 1907: 117-118.
- Hollom, P.A.D. 1936. Great Crested Grebe sample counts. *British Birds* 30: 13, 158.
- Hollom, P.A.D. 1951. Great Crested Grebe sample counts. *British Birds* 44: 361-369.
- Hollom, P.A.D. 1959. Great Crested Grebe sample counts. *Bird Study* 6: 1-7.
- Hughes, S.W.M., Bacon, P. & Flegg, J.J.M. 1979. The 1975 census of Great Crested Grebe in Britain. *Bird Study* 26: 213-226.
- Innes, M. 1995. The movement of divers and grebes off Peterhead, Grampian. *North-East Scotland Bird Report* 1994: 70-79.
- Maclean, I.M.D., Austin, G.E., Mellan, H.J. & Girling, T. 2005. *WeBS Alerts 2003/2004: changes in numbers of wintering waterbirds in the United Kingdom, its Constituent Countries, Special Protection Areas (SPAs) and Sites of Special Scientific Interest (SSSIs)*. BTO Research Report 416. BTO, Thetford.
- Prestatt, I. & Mills, D.H. 1966. A census of Great Crested Grebe in Britain 1965. *Bird Study* 13: 163-203.
- Smith, R.W.J. 1974. S.O.C. Great Crested Grebe Enquiry 1973. *Scottish Birds* 8: 151-159.

069 Red-necked Grebe (22)

- Anon. 1989b. Red-necked Grebe breeding in Scotland. *Scottish Birds* 15: 133.
- Bannerman, D.A. 1959. *The Birds of the British Isles*. Volume 8. Oliver & Boyd, Edinburgh.
- Byrkjedal, I., Eldøy, S., Grindetjern, S. & Løyning, M.K. 1997. Feeding associations between Red-necked Grebes *Podiceps grisegena* and Velvet Scoters *Melanitta fusca* in winter. *Ibis* 139: 45-50.
- Chandler, R.J. 1981. Influxes into Britain and Ireland of Red-necked Grebes and other waterbirds during winter 1978/79. *British Birds* 74: 55-81.
- Dickson, R.C. 1975. Wintering grebes in Loch Ryan. *Scottish Birds* 8: 379-381.
- Durinck, J., Skov, H., Jensen, F.P. & Pihl, S. 1994. *Important marine areas for wintering birds in the Baltic Sea*. Ornis Consult report. Ornis, Copenhagen.
- Evans, R.J. 1998. Numbers of wintering seaducks, divers and grebes in the Moray Firth, 1977-1995. *Scottish Birds* 19: 206-222.
- Fjeldså, J. 2004. *The Grebes*. Oxford University Press, Oxford.
- Folkestad, A.O. 1978. Takseringer of studier av Gråstrupedykker i overvintringsområdene på Norskekysten. *Anser Supplement* 3: 84-89.
- Lowe, P.R. 1927. [Exhibition of a Red-necked Grebe (*Podiceps griseigena holboellii*), new to the British List]. *Bulletin of the British Ornithologists' Club* 48: 53.
- Lowe, P.R. 1928. *Podiceps griseigena holboellii* in the British Isles. *Bulletin of the British Ornithologists' Club* 48: 70-71.
- McGowan, R.Y. 2006. Comment on 'Holboell's Red-necked Grebe' in Wester Ross in 1925. *British Birds* 99: 481.
- Murray, R.D. 2003. The first successful breeding of Red-necked Grebe for Britain. *Borders Bird Report* 21: 123-126.
- Naylor, K.A. 1996. *A Reference Manual of Rare Birds in Great Britain and Ireland*. Privately published, Nottingham.
- O'Donnell, C. & Fjeldså, J. 1997. *Grebes - Status Survey and Conservation Action Plan*. International Union for Conservation of Nature and Natural Resources, Gland.
- Palmer, P. 2000. *First for Britain and Ireland, 1600-1999*. Arlequin Press, Chelmsford.
- Parslow-Otsu, M. & Elliott, G.D. 1991. Red-necked Grebe breeding in England. *British Birds* 84: 188-191.
- Phillips, I.M. 1997. *Rare and Scarce Birds in North East Scotland*. I.M. Phillips, Cove.
- Stout, B.E. & Nuechterlein, G.L. 1999. Red-necked Grebe (*Podiceps grisegena*). In: Poole, A. & Gill, F. (eds) *The Birds of North America*. Volume 465. The Birds of North America Inc., Philadelphia, PA.
- Vlug, J.J. 2002. *Podiceps grisegena* Red-necked Grebe. *BWP Update* 4: 139-179.
- Williams, E.J. 2000. Wintering seafowl in Scapa Flow, Orkney, October 1998 to March 1999. *Scottish Birds* 21: 15-26.
- Witherby, H.F. 1928. Some new British birds and other alterations to the British List. *British Birds* 22: 98-102.

070 Slavonian Grebe (27)

- Batten, L.A., Bibby, C.J., Clement, P., Elliott, G.D. & Porter, R.F. 1990. *Red Data Birds in Britain: action for rare, threatened and important species*. T. & A.D. Poyser, London.
- Baxter, E.V. & Rintoul, L.J. 1929a. Some bird records from Sutherland and Caithness. *Scottish Naturalist* 1929: 85.
- Benn, S. 2003. Conserving Scotland's Slavonian Grebes. *British Wildlife* 15: 25-30.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
- Crooke, C., Dennis, R., Harvey, M. & Summers, R. 1993. Population size and breeding success of Slavonian Grebes in Scotland. In: Andrews, J. & Carter, S. (eds) *Britain's Birds 1990-91: the conservation and monitoring review*. pp 135-138. BTO/JNCC.
- Dennis, R. 1995a. *The Birds of Badenoch and Strathspey*. 2nd Edition. Colin Baxter Photography, Grantown-on-Spey.
- Dennis, R.H. 1973d. Possible interbreeding of Slavonian Grebe and Black-necked Grebe in Scotland. *Scottish Birds* 7: 307-308.
- Evans, A.H. 1892d. On the supposed breeding of Sclavonian Grebe in Ross-shire. *Annals of Scottish Natural History* 1892: 171-172.
- Evans, R.J. 2000. Wintering Slavonian Grebes in coastal waters of Britain and Ireland. *British Birds* 93: 218-226.
- Fjeldså, J. 1973. Distribution and geographical variation of the Horned Grebe *Podiceps auritus* (Linnaeus, 1758). *Ornis Scandinavica* 4: 55-86.
- Hancock, M., Summers, R.W. & Butcher, N. 2002. Predation of Slavonian Grebe nests by Otters. *British Birds* 95: 390-391.
- Harris, M.P. & Wanless, S. 1996. Differential responses of Guillemot *Uria aalge* and Shag *Phalacrocorax aristotelis* to a late winter wreck. *Bird Study* 43: 220-230.
- Heubeck, M. & Richardson, M.G. 1980. Bird mortality following the Esso Bernicia oil spill, Shetland, December 1978. *Scottish Birds* 11: 97-108.
- Insley, H., Mayhew, P. & McGowan, R.Y. 2004b. Peregrine Falcon predating Slavonian Grebe. *Scottish Birds* 24: 45-46.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- McGhie, H.A. 1994. Discovery of the first British clutch of Slavonian Grebe eggs in a museum collection. *Scottish Birds* 17: 166-167.
- Ogilvie-Grant, W.R. 1910. [On the breeding of the Sclavonian Grebe (*Podiceps auritus*) in Scotland]. *Bulletin of the British Ornithologists' Club* 25: 75-76.
- Pennie, I.D. 1962c. A century of bird-watching in Sutherland. *Scottish Birds* 2: 167-192.
- Perkins, A.J., Hancock, M.H., Butcher, N. & Summers, R.W. 2005. Use of time-lapse video cameras to determine causes of nest failure of Slavonian Grebes *Podiceps auritus*. *Bird Study* 52: 159-165.
- Pollard, M.J. 1991. Egg retrieval by Slavonian Grebe. *Scottish Birds* 16: 139.
- Rintoul, L.J. & Baxter, E.V. 1935. *A Vertebrate Fauna of Forth*. Oliver & Boyd, Edinburgh & London.
- Summers, R.W. & Mavor, R.A. 1995. Occupation patterns of lochs by Slavonian Grebes in Scotland. *Scottish Birds* 18: 65-70.
- Summers, R.W. & Mavor, R.A. 1998. Nest site selection and the time of breeding by Slavonian Grebes *Podiceps auritus* in Scotland. *Wildfowl* 49: 219-227.
- Summers, R.W., Mavor, R.A. & Hogg, S. 1994. *Factors affecting loch selection and breeding success of Slavonian Grebes in Scotland*. Unpublished report to SNH. RSPB.
- Veitch, M. 1962. Slavonian Grebes breeding in Aberdeenshire. *Scottish Birds* 2: 242.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.

071 Black-necked Grebe (27)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Anon. 1903. Current literature. *Annals of Scottish Natural History* 1903: 190-192.
- Baxter, E.V. & Rintoul, L.J. 1938. Nesting of Black-necked Grebes in South Fife. *Scottish Naturalist* 1938: 59.
- Connell, C.G. 1930. The Black-necked Grebe - first breeding records for Scotland. *Scottish Naturalist* 1930: 105-109.
- Connell, C.G. 1935. Black-necked Grebe - extension of range. *Scottish Naturalist* 1935: 147.
- Dennis, R.H. 1973d. Possible interbreeding of Slavonian Grebe and Black-necked Grebe in Scotland. *Scottish Birds* 7: 307-308.
- Dickson, R.C. 1975. Wintering grebes in Loch Ryan. *Scottish Birds* 8: 379-381.
- Evans, R.J. 1998. Numbers of wintering seaducks, divers and grebes in the Moray Firth, 1977-1995. *Scottish Birds* 19: 206-222.
- Garden, E. 1958a. Black-necked Grebe in Aberdeenshire. *Scottish Birds* 1: 33.
- Gibson, J.A. 1974. The breeding birds of Castle Semple and Barr Lochs, Renfrewshire. *The Western Naturalist* 3: 59-72.
- Gibson, J.A. 1979. The breeding birds of the Clyde area: supplementary notes. *The Western Naturalist* 8: 27-45.
- Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
- Hillis, J.P. & Cotton, D.C.F. 1989. Black-necked Grebes breeding in Ireland. *Irish Birds* 4: 72.

- Hustings, F. 1991. Explosive increase of breeding Black-necked Grebes in the Netherlands in 1983-89. *Limosa* 64: 17-24.
- Hutchinson, C.D. 1989. *Birds in Ireland*. T. & A.D. Poyser, Calton.
- Leitch, A.J. 2002. The status of Black-necked Grebes *Podiceps nigricollis* in Angus 1985-2001. *Angus & Dundee Bird Report* 2001: 60-63.
- Martin, B. & Smith, J. in prep. A survey of breeding Black-necked Grebes in the UK, 1973-2002. *British Birds*.
- Meiklejohn, M.F.M. & Palmar, C.E. 1958. Report on the birds of the Clyde area. *Scottish Birds* 1: 5-8.
- Nash, J.K. 1931a. The Black-necked Grebe - first breeding record for Scotland. *Scottish Naturalist* 1931: 14.
- Nash, J.K. 1931b. The Black-necked Grebe (*Podiceps nigricollis*). *Scottish Naturalist* 1931: 148.
- Ramage, A.C. 1993. Unusual behaviour of Black-necked Grebes. *Scottish Birds* 17: 103.
- Rintoul, L.J. & Baxter, E.V. 1931. Nesting of Black-necked Grebes in the Tay Area. *Scottish Naturalist* 1931: 148.
- Rintoul, L.J. & Baxter, E.V. 1935. *A Vertebrate Fauna of Forth*. Oliver & Boyd, Edinburgh & London.
- Serle, W. 1932. Black-necked Grebe in Scotland. *Scottish Naturalist* 1932: 168.
- Smith, A.J. 1970. Black-necked Grebes nesting in Selkirkshire. *Scottish Birds* 6: 26.
- Turnbull, W.P. 1867. *The Birds of East Lothian and a Portion of the Adjoining Counties*. 2nd Edition. Privately published, Glasgow.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.

072 Black-browed Albatross (6)

- Janich, K., Janich, M. & van Swelm, N. 1970. Black-browed Albatross in Orkney. *Scottish Birds* 6: 26-27.
- Lassey, P.A. 1973. Black-browed Albatross in Fife. *Scottish Birds* 7: 308.
- Scott, M. 2005b. The Black-browed Albatross on Sula Sgeir. *Birding World* 18: 382-384.
- Waterston, G. 1968a. Black-browed Albatross on the Bass Rock. *British Birds* 61: 22-27.
- Waterston, G. 1968b. Black-browed Albatross summering on the Bass Rock. *Scottish Birds* 5: 20-23.
- Williamson, K. 1948. *The Atlantic Islands: a study of the Faeroe life and scene*. Collins, London.

073 Northern Fulmar (44)

- Berry, C. 1909. The birds of Lendalfoot. *Glasgow Naturalist* 1: 5-28.
- Broad, R.A. 1974c. Contamination of birds with Fulmar oil. *British Birds* 67: 297-301.
- Brown, A.W. 1983. The Fulmars of Holyrood Park, Edinburgh. *Scottish Birds* 12: 228-229.
- Clarke, W.E. 1912c. Notes on the plumage of the Fulmar Petrel. *Scottish Naturalist* 1912: 102-104.
- Clarke, W.E. 1914c. The "Blue Fulmar": its plumage and distribution. *Scottish Naturalist* 1914: 221-225.
- Clifton, J. 1993. Otter taking Fulmar. *Shetland Bird Report* 1992: 109.
- Davies, J.C. 1997. Movements of Fulmars from the Firth of Forth. *Scottish Birds* 19: 86-92.
- Dennis, R.H. 1970c. The oiling of large raptors by Fulmars. *Scottish Birds* 6: 198-199.
- Dunnet, G.M. 1991. Population studies of the Fulmar on Eynhallow, Orkney Islands. *Ibis* 133 (supplement): 24-27.
- Dunnet, G.M. 1992. A forty-three year study on the Fulmars on Eynhallow, Orkney. *Scottish Birds* 16: 155-159.
- Dunnet, G.M., Anderson, A. & Cormack, R.M. 1963. A study of survival of adult fulmars with observations on the pre-laying exodus. *British Birds* 56: 2-18.
- Dunnet, G.M. & Ollason, J.C. 1978. The estimation of survival rate in the fulmar, *Fulmarus glacialis*. *Journal of Animal Ecology* 47: 507-520.
- Dunnet, G.M. & Ollason, J.C. 1982. The feeding dispersal of fulmars *Fulmarus glacialis* in the breeding season. *Ibis* 124: 359-361.
- Dunnet, G.M., Ollason, J.C. & Anderson, A. 1979. A 28-year study of breeding Fulmars *Fulmarus glacialis* in Orkney. *Ibis* 121: 293-300.
- Fisher, J. 1952. *The Fulmar*. Collins, London.
- Fisher, J. 1966b. The Fulmar population of Britain and Ireland, 1959. *Bird Study* 13: 5-76.
- Fisher, J. & Waterston, G. 1941. The breeding distribution, history and population of the Fulmar (*Fulmarus glacialis*) in the British Isles. *Journal of Animal Ecology* 10: 204-272.
- Fowler, J.A. & Dye, A.P. 1987. Sandeels *Ammodytes marinus* in the diet of the Fulmar *Fulmarus glacialis* in Shetland, Scotland. *Seabird* 10: 71-74.
- Furness, R.W. & Todd, C.M. 1984. Diets and feeding of Fulmars *Fulmarus glacialis* during the breeding season: a comparison between St Kilda and Shetland colonies. *Ibis* 126: 379-387.
- Harvie-Brown, J.A. 1912. The Fulmar: its past and present distribution as a breeding species in the British Isles. *Scottish Naturalist* 1912: 97-102, 121-132.
- Herrmann, B., Persson, H., Jensen, J.-K., Joensen, H.D., Klint, M. & Olsen, B. 2006. *Chlamydophila psittaci* in fulmars, the Faroe Islands. *Emergent Infectious Diseases*. <http://www.cdc.gov/mmwr/sjlibrary.org:80/ncidod/EID/vol12no02/05-0404.htm>. Accessed on 5 January 2007.
- Hunter, F.M. 1999. On the function of pre-laying breeding site attendance in the Northern Fulmar *Fulmarus glacialis*. *Atlantic Seabirds* 1: 3-16.
- Innes, M.I. 1992. The movement of Procellariiformes off Peterhead, Grampian. *North-East Scotland Bird Report* 1991:

56-62.

- Kay, G.T. 1952b. Dark-phase Fulmar Petrel nesting in Shetland. *Scottish Naturalist* 64: 119.
- Macdonald, J.W., McMartin, D.A., Walker, K.G., Carins, M. & Dennis, R.H. 1967. Puffinosis in Fulmars in Orkney and Shetland. *British Birds* 60: 356-360.
- Macdonald, M.A. 1977. An analysis of the recoveries of British ringed Fulmars. *Bird Study* 24: 208-214.
- Mavor, R.A., Parsons, M., Heubeck, M. & Schmitt, S. 2006. *Seabird numbers and breeding success in Britain and Ireland, 2005*. UK Nature Conservation Series No. 30. Joint Nature Conservation Committee, Peterborough.
- Ojowski, U., Eidmann, C., Furness, R.W. & Garthe, S. 2001. Diet and nest attendance of incubating and chick-rearing northern Fulmars (*Fulmarus glacialis*) in Shetland. *Marine Biology* 139: 1193-1200.
- Ollason, J.C. & Dunnet, G.M. 1978. Age, experience and other factors affecting the breeding success of the fulmar, *Fulmarus glacialis*, in Orkney. *Journal of Animal Ecology* 47: 961-976.
- Ollason, J.C. & Dunnet, G.M. 1983. Modelling annual changes in numbers of breeding fulmars, *Fulmarus glacialis*, at a colony in Orkney. *Journal of Animal Ecology* 52: 185-198.
- Pashby, B.S. & Cudworth, J. 1969. The Fulmar 'wreck' of 1962. *British Birds* 62: 97-109.
- Riddiford, N. 1984. One Fulmar killing another. *British Birds* 77: 566-567.
- Robertson, I.S. 1975a. Fulmar occupying Ravens' nest. *British Birds* 68: 115.
- Robertson, T. 1943. The Fulmar Petrel in the Clyde Area. *Glasgow Naturalist* 14: 75.
- Service, R. 1897. The Fulmar on the Solway. *Annals of Scottish Natural History* 1897: 194.
- Stone, C.J., Webb, A., Barton, C., Ratcliffe, N., Reed, T.C., Tasker, M.L., Camphuysen, C.J. & Pienkowski, M.W. 1995b. *An Atlas of Seabird Distribution in North-west European Waters*. Joint Nature Conservation Committee, Peterborough.
- Tasker, M.L., Webb, A., Hall, A.J., Pienkowski, M.W. & Langslow, D.R. 1987. *Seabirds in the North Sea*. Nature Conservancy Council, Peterborough.
- Vaurie, C. 1965. *The Birds of the Palearctic Fauna. Non-passeriformes*. H.F. & G. Witherby, London.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
- Warham, J. 1990. *The Petrels: their ecology and breeding system*. Academic Press, London.
- Waters, W.E. 1989. Inland Fulmars on St Kilda. *Scottish Birds* 15: 184.
- Zonfrillo, B. 1985. Petrels eating contraceptives, polythene and plastic beads. *British Birds* 78: 350-351.
- Zonfrillo, B. 1997a. *The ecology of seabirds on Ailsa Craig, Firth of Clyde*. Unpublished PhD thesis, University of Glasgow.
- Zonfrillo, B. 1997b. Fulmars feeding on jellyfish and their parasites. *British Birds* 90: 293.

074 Fea's Petrel/Zino's Petrel(21)

- Bannerman, D.A. & Bannerman, W.M. 1965. *Birds of the Atlantic Islands*. Volume 2. Oliver & Boyd, Edinburgh.
- Bibby, C.J. & del Nevo, A. 1991. A first record of *Pterodroma feae* from the Azores. *Bulletin of the British Ornithologists' Club* 111: 183-186.
- BirdLife International. 1998. *Threatened Birds of the World*. Lynx Edicions, Barcelona.
- Bourne, W.R.P. 1983. The Soft-plumaged petrel, the Gon-gon and the Freira, *Pterodroma mollis*, *P. feae* and *P. madeira*. *Bulletin of the British Ornithologists' Club* 107: 4-6.
- Bried, J. & Magalhaes, M.C. 2004. First Palearctic record of the endangered Bermuda Petrel *Pterodroma cahow*. *Bulletin of the British Ornithologists' Club* 124: 202-206.
- British Ornithologists' Union (BOU). 1992c. British Ornithologists' Union Records Committee: 17th Report (May 1992). *Ibis* 134: 380-381.
- British Ornithologists' Union (BOU). 2006a. British Ornithologists' Union Records Committee: 32nd Report (October 2005). *Ibis* 148: 198-201.
- British Ornithologists' Union (BOU). 2006c. British Ornithologists' Union Records Committee: 33rd Report (April 2006). *Ibis* 148: 594.
- Clason, A.T. & Prummel, W. 1979. Bird remains from the Netherlands. In: Kubasiewicz, M. (ed.) *Archaeozoology*. Agricultural Academy, Szczecin.
- Disley, T. 2003. Presumed Fea's Petrel, North Ronaldsay, Orkney, 21st September 2002. *Birding Scotland* 6: 83-84.
- Ericson, P.G.P. & Tyrberg, T. 2004. *The Early History of the Swedish Avifauna: a review of the subfossil record and early written sources*. Kungliga Vitterhets Historie och Antikvitets Akademien, Stockholm.
- Fisher, A. & Flood, B. 2006. Fea's Petrel off Scilly: new to Britain. *British Birds* 99: 394-400.
- Monteiro, L.R. & Furness, R.W. 1995. Fea's Petrel *Pterodroma feae* in the Azores. *Bulletin of the British Ornithologists' Club* 115: 9-14.
- Monteiro, L.R., Ramos, J. & Furness, R.W. 1996. Past and present status and conservation of the seabirds breeding in the Azores archipelago. *Biological Conservation* 78: 319-328.
- Serjeantson, D. 2005. Archaeological records of a gadfly petrel *Pterodroma* sp. from Scotland in the first millennium AD. In: Grupe, G. & Peters, J. (eds) *Feathers, grit and symbolism: Birds and humans in the ancient Old and New Worlds. Proceedings of the 5th meeting of the ICAZ Bird Working Group, Munich 26-28 July 2004*. pp 235-246. Marie Leidorf, Rahden.
- Steele, J. 2006. From the Rarities Committee's files: Do we know what British 'soft-plumaged petrels' are? *British*

- Birds* 99: 404-419.
- Warham, J., Watts, R. & Dainty, R.J. 1976. The composition, energy content and function of stomach oils of petrels (Order Procellariiformes). *Journal Experimental Marine Biology and Ecology* 23: 1-13.
- White, R.W. 1998a. Soft-plumaged Petrel *Pterodroma* sp. in sea area Fair Isle: the first record for Scotland. *Scottish Bird Report* 1996: 71-72.
- Zino, P.A. & Zino, F. 1986. A contribution to the study of the petrels of the genus *Pterodroma* in the archipelago of Madeira. *Boletim do Museu Municipal do Funchal* 38: 141-165.
- Zino, F., Oliveira, P., King, S., Buckle, A., Biscoito, M., Neves, H.C. & Vasconcelos, A. 2001. Conservation of Zino's petrel *Pterodroma madeira* in the archipelago of Madeira. *Oryx* 35: 128-136.
- Zonfrillo, B. 1993. Relationships of the Pterodroma petrels from the Madeira Archipelago inferred from their feather lice. *Boletim do Museu Municipal do Funchal Supplement* 2: 325-331.
- Zonfrillo, B. 1994b. The soft-plumaged petrel group. *Birding World* 7: 70-71.

075 Cory's Shearwater (10)

- Burton, P.J.K. & Burton, J.M. 1963. Shearwater movements in the Outer Hebrides. *Scottish Birds* 2: 417-418
- Dennis, R.H. 1966c. Great and Cory's Shearwaters at Fair Isle. *Scottish Birds* 4: 218-222.
- Marshall, R.V.A. 1968. Cory's Shearwater in Outer Hebrides. *Scottish Birds* 5: 209.
- Meiklejohn, M.F.M. 1971a. Cory's Shearwater in Orkney. *Scottish Birds* 6: 330.
- Meiklejohn, M.F.M. & Eggeling, W.J. 1958. Cory's Shearwaters in the Firth of Forth. *Scottish Birds* 1: 8-9.
- Newell, R.G. 1968. Influx of Great Shearwaters in autumn 1965. *British Birds* 61: 145-159.
- Pollock, C.M., Mavor, R., Weir, C.R., Reid, A., White, R.W., Tasker, M.L., Webb, A. & Reid, J.B. 2000. *The distribution of seabirds and marine mammals in the Atlantic Frontier, north and west of Scotland*. Joint Nature Conservation Committee, Aberdeen.
- Proctor, B. 2001. Cory's Shearwater at Lossiemouth - new to Moray & Nairn. *Birds in Moray & Nairn* 2000: 94.
- Roberts, A. & Riddiford, N. 1993. Cory's Shearwater on Fair Isle. *Fair Isle Bird Observatory Report* 1992: 53-54.
- Winnall, R.N. 1948. Cory's Shearwater off Aberdeenshire. *British Birds* 41: 88-89.

076 Great Shearwater (20)

- Burton, P.J.K. & Burton, J.M. 1963. Shearwater movements in the Outer Hebrides. *Scottish Birds* 2: 417-418
- Clarke, W.E. 1911b. The birds of St Kilda. *Annals of Scottish Natural History* 1911: 51-52.
- Dennis, R.H. 1966c. Great and Cory's Shearwaters at Fair Isle. *Scottish Birds* 4: 218-222.
- Dott, H.E.M. 1966. Great Shearwaters on east coast. *Scottish Birds* 4: 222-223.
- Downhill, I.R. 1963. Autumn movements of shearwaters, skuas and other sea-birds in north Sutherland and Easter Ross. *Scottish Birds* 2: 304-305.
- Duthie, R. 1965. Great Shearwater in Shetland in April. *Scottish Birds* 3: 406.
- Evans, W. 1903. The Sooty Shearwater, *Puffinus griseus* (Gmel.), in the Firth of Forth. *Annals of Scottish Natural History* 1903: 26-28.
- Fisher, J. 1956. *Rockall*. Geofrey Bles, London.
- Harvie-Brown, J.A. 1892c. Great Shearwater (*Puffinus major*, Faber) in Tiree. *Annals of Scottish Natural History* 1892: 74.
- Harvie-Brown, J.A. 1903a. On the avifauna of the Outer Hebrides, 1888-1902 (continued). *Annals of Scottish Natural History* 1903: 7-22.
- Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
- Harvie-Brown, J.A. & Buckley, T.E. 1892. *A Vertebrate Fauna of Argyll and the Inner Hebrides*. David Douglas, Edinburgh.
- Harvie-Brown, J.A. & Macpherson, H.A. 1904. *A Fauna of the North-west Highlands and Skye*. David Douglas, Edinburgh.
- Lockley, R.M. & Marchant, S. 1951. A midsummer visit to Rockall. *British Birds* 44: 373-383.
- Murray, S. 2002b. The birds of St Kilda. *Scottish Birds* 23 (supplement): 1-64.
- Newell, R.G. 1968. Influx of Great Shearwaters in autumn 1965. *British Birds* 61: 145-159.
- Newton, A. 1900. The Great Shearwater in Scottish waters. *Annals of Scottish Natural History* 1900: 142-147.
- Paterson, J. 1905. Report on Scottish ornithology for 1904. *Annals of Scottish Natural History* 1905: 203-215.
- Pollock, C.M., Mavor, R., Weir, C.R., Reid, A., White, R.W., Tasker, M.L., Webb, A. & Reid, J.B. 2000. *The distribution of seabirds and marine mammals in the Atlantic Frontier, north and west of Scotland*. Joint Nature Conservation Committee, Aberdeen.
- Saxby, H.L. 1874. *The Birds of Shetland*. Maclachlan & Stewart, Edinburgh.

077 Sooty Shearwater (25)

- Baikie, W.B. & Heddle, R. 1848. *Naturalis Orcadensis. Zoology. Part I. Being a Catalogue of the Mammalia and Birds hitherto Observed in the Orkney Islands*. J. & W. Patterson, Edinburgh.

- Baxter, E.V. 1957b. Review of ornithological changes in Scotland in 1956. *Scottish Naturalist* 1957: 170-177.
- Eggeling, W.J. 1961. Early Sooty Shearwater. *Scottish Birds* 1: 451.
- Eggeling, W.J. 1974. The birds of the Isle of May - a revised assessment of status. *Scottish Birds* 8 (supplement): 93-148.
- Evans, W. 1903. The Sooty Shearwater, *Puffinus griseus* (Gmel.), in the Firth of Forth. *Annals of Scottish Natural History* 1903: 26-28.
- Hall, A.J., Tasker, M.L. & Webb, A. 1987. The marine distribution of Sooty Shearwater, Manx Shearwater, Storm Petrel and Leach's Petrel in the North Sea. *Seabird* 10: 60-70.
- Harrison, P. 1983. *Seabirds: an identification guide*. Croom Helm, Beckenham.
- Harvie-Brown, J.A. & Buckley, T.E. 1888. *A Vertebrate Fauna of the Outer Hebrides*. David Douglas, Edinburgh.
- Innes, M.I. 1992. The movement of Procellariiformes off Peterhead, Grampian. *North-East Scotland Bird Report* 1991: 56-62.
- Jensen, J.-K., Palma, R.L. & Zonfrillo, B. 1999. Feather lice from Sooty Shearwaters *Puffinus griseus* in the Faroe Islands. *Atlantic Seabirds* 1: 71-76.
- Lauder, A.W. & Shaw, K.D. 2002. Seawatching from the Isle of May. *Birding Scotland* 5: 159-162.
- MacFarlane, D. & MacRae, A. 1937. Great and Sooty Shearwaters off the Hebrides. *British Birds* 30: 324.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- Mudge, G.P. & Crooke, C.H. 1986. Seasonal abundance and changes in the numbers of seabirds at sea in the Moray Firth, North East Scotland. In: Ralph, R. (ed.) *The Marine Environment of the Moray Firth. Proceedings of the Royal Society of Edinburgh (Section B)*. Volume 91. pp 81-104.
- Phillips, J.H. 1963. The distribution of the Sooty Shearwater around the British Isles. *British Birds* 56: 197-203.
- Rintoul, L.J. & Baxter, E.V. 1924. Report on Scottish ornithology in 1923. *Scottish Naturalist* 1924: 105-120, 137-161.
- Rintoul, L.J. & Baxter, E.V. 1935. *A Vertebrate Fauna of Forth*. Oliver & Boyd, Edinburgh & London.
- Rivers, S.L. 2002d. High counts of Sooty Shearwaters in Scotland. *Birding Scotland* 5: 163.
- Robertson, C.J.R. 1985. *The Complete Book of New Zealand Birds*. Readers Digest, Sydney.
- Ryan, P.G., Dean, W.R.J., Moloney, C.L., Watkins, B.P. & Milton, S.J. 1990. New information on seabirds at Inaccessible Island and other islands in the Tristan da Cunha group. *Marine Ornithology* 18: 43-54.
- Veit, R.R., McGowan, J.A., Ainley, D.G., Wahls, T.R. & Pyle, P. 1997. Apex marine predator declines ninety percent in association with changing oceanic climate. *Global Change Biology* 3: 23-28.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
- Watson, A.D. 1959. Extraordinary numbers of Sooty Shearwaters in the Forth. *Scottish Birds* 1: 144-145.
- Webb, A., Harrison, N.M., Leaper, G.M., Steele, R.D., Tasker, M.L. & Pienkowski, M.W. 1990. *Seabird Distribution West of Britain. Final Report of Phase 3 of the Nature Conservancy Council Seabirds at Sea Project 1986-1990*. Nature Conservancy Council, Aberdeen.
- Zonfrillo, B. 1988. The feather louse *Halipeurus gravis gravis* Timmermann, 1961 (*Mallophaga: Philopteridae*) from a Sooty Shearwater *Puffinus griseus* in Scotland. *Seabird* 11: 17-18.

078 Manx Shearwater (34)

- Andrew, D.G. 1965. Manx Shearwaters breeding in Lewis. *Scottish Birds* 3: 435-436.
- Anon. 1963b. Current notes. *Scottish Birds* 2: 428-447.
- Baikie, W.B. & Heddle, R. 1848. *Naturalis Orcadensis. Zoology. Part I. Being a Catalogue of the Mammalia and Birds hitherto Observed in the Orkney Islands*. J. & W. Patterson, Edinburgh.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Boyd, J.M. & Wormell, P. 1958. Spring observations on the Manx Shearwaters and small petrels on St Kilda and Rhum. *Scottish Birds* 1: 46-48.
- Brand, J. 1701. *A Brief Description of Orkney, Zetland, Pightland-firth, and Caithness*. Brown, Edinburgh.
- Brooke, M. 1990. *The Manx Shearwater*. T. & A.D. Poyser, London.
- Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
- Cramp, S., Bourne, W.R.P. & Saunders, D. 1974. *The Seabirds of Britain and Ireland*. Collins, London.
- Diamond, A.W., Douthwaite, R.J. & Indge, W.J.E. 1965. Notes on the birds of Berneray, Mingulay and Pabbay. *Scottish Birds* 3: 397-404.
- Dobson, R.H. & Dobson, R.M. 1986. The natural history of the Muck Islands, North Ebudes: 3 seabirds and wildfowl. *Glasgow Naturalist* 21: 183-199.
- Dunn, R. 1837. *The Ornithologist's Guide to the Islands of Orkney and Shetland*. Privately published, Hull.
- Evans, A.H. & Buckley, T.E. 1899. *A Vertebrate Fauna of the Shetland Islands*. David Douglas, Edinburgh.
- Evans, P.R. & Flower, W.U. 1967. The birds of the Small Isles. *Scottish Birds* 4: 404-445.
- Fowler, J.A. 1980. Manx Shearwaters breeding on Yell. *Shetland Bird Report* 1979: 47-48.
- Furness, R.W. 1983. *The Birds of Foula*. Brathay Trust, Ambleside.
- Furness, R.W. 1988b. Predation on ground-nesting seabirds by island populations of red deer (*Cervus elaphus*) and sheep (*Ovis*). *Journal of Zoology, London* 216: 565-573.
- Gibson, J.A. 1957a. Manx Shearwaters nesting in the Clyde area. *Scottish Naturalist* 1957: 53.
- Innes, M.I. 1992. The movement of Procellariiformes off Peterhead, Grampian. *North-East Scotland Bird Report* 1991:

56-62.

- Lloyd, C.S., Tasker, M.L. & Partridge, K. 1991. *The Status of Seabirds in Britain and Ireland*. T. & A.D. Poyser, London.
- Low, G. 1879. *A Tour through the Islands of Orkney and Schetland, 1774*. William Pearce & Son, Kirkwall.
- Maguire, E.J. 1978. Breeding of the Storm Petrel and the Manx Shearwater in Kintyre, Argyll. *The Western Naturalist* 7: 63-66.
- Meiklejohn, M.F.M. & Stanford, J.K. 1954. June notes on the birds of Islay. *Scottish Naturalist* 1954: 129-145.
- Murray, S., Shewry, M.C., Mudge, G.P. & Spray, S. 2003. A survey of Manx Shearwaters *Puffinus puffinus* on Rum, Inner Hebrides in 2001. *Atlantic Seabirds* 5: 89-100.
- Raeburn, H. 1888. The summer birds of Shetland, with notes on their distribution, nesting and numbers. *Proceedings of the Royal Physical Society of Edinburgh* 9: 542-562.
- Raeburn, H. 1891b. The birds of Papa Stour, with an account of the Lyra Skerry. *Zoologist* 49: 126-135.
- Robson, M. & Wills, P. 1963. Notes on the birds of Bearasay, Lewis. *Scottish Birds* 2: 410-414.
- Slater, P.J.B. 1965a. Current notes. *Scottish Birds* 3: 260-269.
- Swann, R.L. 1995. Numbers and breeding success of Manx Shearwaters on the Isle of Canna, 1973-94. *Scottish Birds* 18: 56-57.
- Swann, R.L. & Ramsay, A.D.K. 1976. Scottish shearwaters. *Seabird Report* 5: 38-41.
- Thompson, K. 1987. *The ecology of Manx Shearwater (Puffinus puffinus) on Rhum, west Scotland*. Unpublished PhD thesis, University of Glasgow.
- Williamson, K. 1973b. The antiquity of the Calf of Man Manx Shearwater colony. *Bird Study* 20: 310-311.
- Wormell, P. 1969. Red Deer (*Cervus elaphus*) as predator on Manx Shearwater (*Procellaria puffinus*). *Deer* 1: 289.
- Wormell, P. 1976. The Manx Shearwaters of Rhum. *Scottish Birds* 9: 103-118.

079 Balearic Shearwater (13)

- Aguilar, J.S. 1997. Biología y conservación de la Pardela Balear *Puffinus mauretanicus*. *Documents Tècnics de Conservació* 2 (2).
- Araujo, J., Muñoz-Cobo, J. & Purroy, F.J. 1977. Las rapaces y aves marinas del archipiélago de Cabrera. *Naturalia Hispanica* 12. Madrid.
- Brown, A. & Grice, P. 2005. *Birds in England*. T. & A.D. Poyser, London.
- Evans, W. 1916. The Firth of Forth record of the Levantine Shearwater. *Scottish Naturalist* 1916: 249-252.
- Greenhalgh, M.E. 1971. Balearic Shearwaters in the Forth. *Scottish Birds* 6: 329-330.
- Gutiérrez, R. 2003. The Balearic Shearwater: apparently heading for extinction. *Birding World* 16: 260-263.
- Gutiérrez, R. 2004. Identification of Yelkouan, Balearic and Manx Shearwaters. *Birding World* 17: 111-122.
- Holmstrom, N. 2005. Sma litor - en utmaning for varje havsfagelskadare. *Road Runner* 1: 30-35.
- Lowe, P. 1921. Description of new race of Shearwater (*Puffinus puffinus mauretanicus*) from the western end of the Mediterranean. *Bulletin of the British Ornithologists' Club* 41: 140-141.
- Ogilvie, D. 1997. Mediterranean Shearwater off Kinghorn. *Fife Bird Report* 1996: 124-125.
- Sage, B.L. 1968. Ornithological transects in the North Atlantic. *Ibis* 110: 1-14.
- Witherby, H.F. 1921. On the British taken examples of the 'Levantine' Shearwater. *British Birds* 15: 151-153.
- Yésou, P., Paterson, A.M., Mackrill, E.J. & Bourne, W.R.P. 1990. Plumage variation and identification of the 'Yelkouan Shearwater'. *British Birds* 83: 299-319.

080 Little Shearwater (5)

- Austin, J.J., Bretagnolle, V. & Pasquet, E. 2004b. A global molecular phylogeny of the small *Puffinus* shearwaters and implications for systematics of the Little-Audubon's Shearwater complex. *Auk* 121: 847-864.
- British Ornithologists' Union (BOU). 2001. British Ornithologists' Union Records Committee: 27th Report (October 2000). *Ibis* 143: 171-175.
- Hogg, A. 1986. Little Shearwater at Corsewall Point, Dumfries and Galloway. *Scottish Birds* 14: 125.
- James, P.C. & Alexander, M. 1984. Madeiran Little Shearwater *Puffinus assimilis baroli* prospecting on Skomer Island, UK. *Ardea* 72: 236-237.
- Verrall, K. 1977a. Little Shearwater in Argyllshire. *Scottish Birds* 9: 380-381.

081 Wilson's Storm-petrel (7)

- Evans, H. 1892a. On the occurrence of Wilson's Petrel (*Oceanites oceanica*, Kuhl) in Jura. *Annals of Scottish Natural History* 1892: 18.
- Fisher, J. & Lockley, R.M. 1954. *Sea-Birds: an introduction to the natural history of the sea-birds of the North Atlantic*. Collins, London.
- Flood, B. & Fisher, A. 2005. Wilson's Petrels off the Isles of Scilly: a five-year analysis, 2000-2004. *Birding World* 18: 247-249.
- Harvey, P.V. 1994. Wilson's Petrel 27 miles NW of Ramna Stacks, the first for Shetland. *Shetland Bird Report* 1993:

- Hilmarsson, J.O. & Hansen, E.S. 1989. Hafsvala í Bjarnarey [Wilson's Petrel new to Iceland]. *Bliki* 8: 9-14.
- Rutledge, R.F. 1966. *Ireland's Birds*. H.F. & G. Witherby, London.
- Saville, S., Stephenson, B. & Southey, I. 2003. A possible sighting of an 'extinct' bird – the New Zealand Storm-petrel. *Birding World* 16: 173-175.
- Shirihai, H. & Jarrett, B. 2002. *A Complete Guide to Antarctic Wildlife*. Alula Press, Oy, Finland.
- Wilson, A. 1808-14. *American Ornithology*. 9 volumes. Bradford & Inskeep, Philadelphia.
- Wynne-Edwards, V.C. 1953. Leach's Petrels stranded in Scotland in October-November, 1952. *Scottish Naturalist* 1953: 167-189.

082 White-faced Storm-petrel (10)

- Anon. 1897. [Editorial Gleanings]. *Zoologist* 1897: 241-242.
- Bourne, W.R.P. 1953. On the races of the Frigate Petrel (*Pelagodroma marina*, Latham) with a new race from the Cape Verde Islands. *Bulletin of the British Ornithologists' Club* 73: 79-82.
- Bourne, W.R.P. 1967. Long distance vagrancy in the petrels. *Ibis* 109: 141-167.
- British Ornithologists' Union (BOU). 2004. British Ornithologists' Union Records Committee: 30th Report (October 2003). *Ibis* 146: 192-195.
- Campos, A.R. & Granadeiro, J.P. 1999. Breeding biology of the White-faced Storm-petrel on Selvagen Grande Island, north-east Atlantic. *Waterbirds* 22: 199-206.
- Clarke, W.E. 1897. On the occurrence of the Frigate Petrel (*Pelargodroma marina*) on the west coast of Scotland. *Annals of Scottish Natural History* 1897: 88.
- Jardine, D.C., Clarke, J. & Clarke, P.M. 1986. *The Birds of Colonsay and Oransay*. Stornoway Gazette, Stornoway.
- Loder, J.D.V. 1935. *Colonsay and Oronsay in the Isles of Argyll*. Oliver & Boyd, Edinburgh & London.
- McNeill, M. 1910. *Colonsay, one of the Hebrides*. David Douglas, Edinburgh.
- Warham, J. 1990. *The Petrels: their ecology and breeding system*. Academic Press, London.

083 European Storm-petrel (28)

- Bolton, M. 1996. Energy expenditure, body-weight and foraging performance of Storm Petrels *Hydrobates pelagicus* breeding in artificial nesting chambers. *Ibis* 138: 405-409.
- Bolton, M. & Thomas, R. 1999. Northward migration of European Storm Petrels *Hydrobates pelagicus* captured in Portuguese coastal waters. In: Beja, P., Catry, P. & Moreira, F. (eds) *Actas do II Congresso de Ornithologia da Sociedade Portuguesa para o Estudo das Aves*. SPEA, Lisbon.
- Bolton, M. & Thomas, R. 2001. Moult and ageing of Storm Petrels *Hydrobates pelagicus*. *Ringing & Migration* 20: 193-201.
- Booth, C.J. & Adam, R.G. 2006. Predation of European Storm-petrels by Great Black-backed Gulls on the island of Auskerry, Orkney. *Scottish Birds* 26: 43-45.
- Campbell, J.M. 1892. On the appearance of the Brown Rat (*Mus decumanus*, Pallas) on Ailsa Craig. *Annals of Scottish Natural History* 1892: 132-134.
- Clark, H. 1985. Storm Petrel ringing in Caithness. *Scottish Birds* 13: 250-257.
- Clarke, W.E. 1905b. Breeding of the Storm Petrel on the Bass Rock. *Annals of Scottish Natural History* 1905: 55-56.
- Cramp, S., Bourne, W.R.P. & Saunders, D. 1974. *The Seabirds of Britain and Ireland*. Collins, London.
- Fowler, J.A. & Hounsome, M.V. 1998. Migration and arrival of immature Storm Petrels *Hydrobates pelagicus* in Shetland. *Ringing & Migration* 19: 91-94.
- Fowler, J.A., Hulbert, M.E. & Smith, G. 1986. Sex ratio in a sample of tape-lured Storm Petrels *Hydrobates pelagicus* from Shetland, Scotland. *Seabird* 9: 15-19.
- Fowler, J.A. & Okill, J.D. 1988. Recaptures of Storm Petrels tape-lured in Shetland. *Ringing & Migration* 9: 49-50.
- Fowler, J.A., Okill, J.D. & Marshall, B. 1982. A retrap analysis of Storm Petrels tape-lured in Shetland. *Ringing & Migration* 4: 1-7.
- Gilbert, G., Hemsley, D. & Shepherd, M. 1998b. A survey of storm petrels on the Treshnish Isles 1996. *Scottish Birds* 19: 145-153.
- Insley, H., Elliott, S. & Graham, K. 2004a. The Storm Petrel colonies at Eilean Hoan and Priest Island. *Highland Bird Report* 2003: 184-189.
- Jensen, J.-K., Bloch, D. & Olsen, B. 2004. *Liste over Fugle der er set på Færøerne [List of Birds seen in the Faroe Islands]*. 2nd Edition. Føroya Náttúrugripasaavn, Tórshavn.
- Lloyd, C.S., Tasker, M.L. & Partridge, K. 1991. *The Status of Seabirds in Britain and Ireland*. T. & A.D. Poyser, London.
- Maguire, E. 1999. Occurrence of Leach's and Storm Petrel off western Scotland. *Argyll Bird Report* 15: 111-119.
- Maguire, E.J. 1978. Breeding of the Storm Petrel and the Manx Shearwater in Kintyre, Argyll. *The Western Naturalist* 7: 63-66.
- Maguire, E.J., Zonfrillo, B., Clark, H. & Wilkins, M. 1980. Status of Storm Petrel in Clyde and Forth. *Scottish Birds* 11: 51-53.

- Mainwood, A.R., Ratcliffe, N., Murray, S. & Mudge, G.P. 1997. Population status of Storm Petrel *Hydrobates pelagicus* off north-west Scotland. *Seabird* 19: 22-30.
- Mayhew, P., Chisholm, K., Insley, H. & Ratcliffe, N. 2000. A survey of storm petrels on Priest Island in 1999. *Scottish Birds* 21: 78-84.
- Okill, J.D. & Bolton, M. 2005. Ages of Storm Petrels *Hydrobates pelagicus* prospecting potential breeding colonies. *Ringing & Migration* 22: 205-208.
- Ratcliffe, N., Vaughan, D., Whyte, C. & Shepherd, M. 1998b. The status of Storm Petrels on Mousa, Shetland. *Scottish Birds* 19: 154-159.
- Rintoul, L.J. & Baxter, E.V. 1935. *A Vertebrate Fauna of Forth*. Oliver & Boyd, Edinburgh & London.
- Saxby, H.L. 1874. *The Birds of Shetland*. MacLachlan & Stewart, Edinburgh.
- Wood, D. 1996. An estimate of the number of Storm Petrels *Hydrobates pelagicus* breeding on Auskerry, Orkney. *Seabird* 19: 40-46.
- Wynne-Edwards, V.C. 1953. Leach's Petrels stranded in Scotland in October-November, 1952. *Scottish Naturalist* 1953: 167-189.
- Zonfrillo, B. 1982. Response of Storm Petrels to the calls of other species. *Scottish Birds* 12: 85-86.

084 Leach's Storm-petrel (47)

- Ainslie, J.A. & Atkinson, R. 1937a. On the breeding habits of Leach's Fork-tailed Petrel. *British Birds* 30: 234-248.
- Ainslie, J.A. & Atkinson, R. 1937b. On the breeding habits of Leach's Fork-tailed Petrel: a supplementary note on American observations. *British Birds* 30: 276-277.
- Anderson, A., Bagenal, T.B., Baird, D.E. & Eggeling, W.J. 1961. A description of the Flannan Isles and their birds. *Bird Study* 8: 71-88.
- Andrew, D.G. & Sandeman, G.L. 1953. Notes on the birds of the Flannan Isles. *Scottish Naturalist* 1953: 157-166.
- Atkinson, R. 1948. Leach's Petrel. *New Naturalist* 1: 110-114.
- Atkinson, R. & Ainslie, J.A. 1940. The British breeding status of Leach's Fork-tailed Petrel. *British Birds* 34: 50-55.
- Atkinson, R. & Roberts, B. 1955. Leach's Fork-tailed Petrel (*Oceanodroma leucorhoa*) in the Flannan Isles and Loch Roag. *Scottish Naturalist* 1955: 109-110.
- Bagenal, T.B. & Baird, D.E. 1959. The birds of North Rona in 1958, with notes on Sula Sgeir. *Bird Study* 6: 153-174.
- Boyd, H. 1954a. The 'wreck' of Leach's petrels in the autumn of 1952. *British Birds* 47: 137-163.
- Bruce, S. 1952. Leach's Fork-tailed Petrel on Whalsay, Shetland. *British Birds* 45: 421.
- Clarke, W.E. 1905a. The birds of the Flannan Isles; Outer Hebrides. *Annals of Scottish Natural History* 1905: 8-19, 80-86.
- Cramp, S., Bourne, W.R.P. & Saunders, D. 1974. *The Seabirds of Britain and Ireland*. Collins, London.
- Dixon, C. 1885. The ornithology of St Kilda. *Ibis* 1885: 69-97.
- Ellis, P., Ratcliffe, N. & Suddaby, D. 1998. Seasonal variation in diurnal attendance and response to playback by Leach's Petrels *Oceanodroma leucorhoa* on Gruney, Shetland. *Ibis* 140: 336-339.
- Evans, W. 1892c. Unusual numbers of the Fork-tailed Petrel (*Cymochorea leucorhoa*, Vieill) on the Scottish coasts. *Annals of Scottish Natural History* 1892: 74-76.
- Fleming, J. 1828. *A History of British Animals*. Bell & Bradfute, Edinburgh.
- Fowler, J.A. 1982. Leach's Petrels present on Ramna Stacks, Shetland. *Seabird Report* 6: 93.
- Fowler, J.A. & Butler, C.J. 1982. A new colony of Leach's Petrels. *Scottish Birds* 12: 86-87.
- Freeman, R.B. 1940. On the birds of the islands of Oigh-Sgeir and Causamul, North Uist. *British Birds* 33: 330-332.
- Furness, R.W. 1984. Leach's petrels populations on St Kilda. *British Ecological Society Bulletin* 15: 84-87.
- Gray, R. 1885. On the bird life of the Firth of Forth during the storms of October and November, 1881. *History of the Berwickshire Naturalists' Club* 10: 84-87.
- Hahn, S. & Quillfeldt, P. 1998. First record of Leach's Storm Petrel *Oceanodroma leucorhoa* for King George Island, South Shetlands, Antarctica. *Marine Ornithology* 26: 80.
- Hall, A.J., Tasker, M.L. & Webb, A. 1987. The marine distribution of Sooty Shearwater, Manx Shearwater, Storm Petrel and Leach's Petrel in the North Sea. *Seabird* 10: 60-70.
- Harris, M.P. & Murray, S. 1978. *Birds of St Kilda*. Institute of Terrestrial Ecology, Banchory.
- Harrison, P. 1983. *Seabirds: an identification guide*. Croom Helm, Beckenham.
- Harvie-Brown, J.A. 1886a. Further notes on North Rona. *Proceedings of the Royal Physical Society of Edinburgh* 9: 284-299.
- Harvie-Brown, J.A. 1903a. On the avifauna of the Outer Hebrides, 1888-1902 (continued). *Annals of Scottish Natural History* 1903: 7-22.
- Harvie-Brown, J.A. & Buckley, T.E. 1888. *A Vertebrate Fauna of the Outer Hebrides*. David Douglas, Edinburgh.
- Imber, M.J. & Lovegrove, T.G. 1982. Leach's Storm-Petrels (*Oceanodroma l. leucorhoa*) prospecting for nest sites on the Chatham Islands. *Notornis* 29: 101-108.
- Lloyd, C.S., Tasker, M.L. & Partridge, K. 1991. *The Status of Seabirds in Britain and Ireland*. T. & A.D. Poyser, London.
- Love, J.A. 1978. Leach's and Storm Petrels on North Rona 1971-74. *Ringing & Migration* 2: 15-19.
- Maguire, E. 1999. Occurrence of Leach's and Storm Petrel off western Scotland. *Argyll Bird Report* 15: 111-119.

- Mainwood, A.R. 1975. Leach's petrel breeding on Foula. *Scottish Birds* 8: 321-323.
- Murray, S. 2002b. The birds of St Kilda. *Scottish Birds* 23 (supplement): 1-64.
- Phillips, R.A., Bearhop, S., Hamer, K.C. & Thompson, D.R. 1999a. Rapid population growth of Great Skuas (*Catharacta skua*) at St Kilda: implications for management and conservation. *Bird Study* 46: 174-183.
- Pollock, C.M., Mavor, R., Weir, C.R., Reid, A., White, R.W., Tasker, M.L., Webb, A. & Reid, J.B. 2000. *The distribution of seabirds and marine mammals in the Atlantic Frontier, north and west of Scotland*. Joint Nature Conservation Committee, Aberdeen.
- Robinson, H.W. 1934. First nesting of Leach's Fork-tailed Petrel in Orkney. *Scottish Naturalist* 1934: 93.
- Robson, M. & Wills, P. 1963. Notes on the birds of Bearasay, Lewis. *Scottish Birds* 2: 410-414.
- Robson, M.J.H. 1968. The breeding birds of North Rona. *Scottish Birds* 5: 126-155.
- Sklepkovych, B.O. & Monteverchi, W.A. 1989. The world's largest known colony of Leach's Storm-Petrels on Baccalieu Island, Newfoundland. *American Birds* 43: 38-42.
- Stone, C.J., Webb, A., Barton, C., Ratcliffe, N., Reed, T.C., Tasker, M.L., Camphuysen, C.J. & Pienkowski, M.W. 1995b. *An Atlas of Seabird Distribution in North-west European Waters*. Joint Nature Conservation Committee, Peterborough.
- Swinburne, J. 1884. Notes on the islands of Sula Sgeir or North Barra, and North Rona, with a list of the birds inhabiting them. *Proceedings of the Royal Physical Society of Edinburgh* 8: 51-67.
- Veit, R.R., Whitehouse, M. & Prince, P. 1996. Sighting of a Leach's Storm Petrel *Oceanodroma leucorhoa* near the Antarctic polar front. *Marine Ornithology* 24: 41-42.
- Whittington, P.A., Dyer, B.M., Crawford, R.J.M. & Williams, A.J. 1999. First recorded breeding of Leach's Storm Petrel *Oceanodroma leucorhoa* in the southern hemisphere, at Dyer Island, South Africa. *Ibis* 141: 327-330.
- Williamson, K. 1948. *The Atlantic Islands: a study of the Faeroe life and scene*. Collins, London.
- Wilson, D.R. 1958. Leach's Petrels in Shetland. *British Birds* 51: 77-78.
- Wynne-Edwards, V.C. 1953. Leach's Petrels stranded in Scotland in October-November, 1952. *Scottish Naturalist* 1953: 167-189.

085 Swinhoe's Storm-petrel (7)

- Baxter, P.A.A. & Scott, H.I. 2000. Swinhoe's Storm-petrel - a new bird for Scotland. *Birding Scotland* 3: 179-186.
- Cubitt, M., Carruthers, M. & Zino, F. 1992. Unravelling the mystery of Tyne petrels. *Birding World* 5: 438-442.
- Cubitt, M.G. 1995. Swinhoe's Storm-petrels at Tynemouth: new to Britain and Ireland. *British Birds* 88: 342-348.
- Heineken, C. 1832. Observations on the *Fringilla canaria*, *Sylvia atricapilla*, and other birds of Madeira. *Zoological Journal* 5: 70-79.
- James, P.C. & Robertson, H.A. 1985. First record of Swinhoe's Storm Petrel *Oceanodroma monorhis* in the Atlantic Ocean. *Ardea* 73: 105-106.
- Palmer, P. 2000. *First for Britain and Ireland, 1600-1999*. Arlequin Press, Chelmsford.
- Zino, F., Biscoito, M.J. & Zino, P.A. 1995. Birds of the Archipelago of Madeira and the Selvagens: new records and checklist. *Boletim do Museu Municipal do Funchal* 47: 63-100.

086 Northern Gannet (51)

- Beatty, J. 1992. *Sula: the seabird hunters of Lewis*. Michael Joseph, London.
- Belaoussoff, S. 1993. Northern Gannet and Common Guillemot nesting on Rockall. *British Birds* 86: 16.
- Boece, H. 1526. *Scotorum historiae a prima gentis origine [or Historia gentis scotorum]*. Paris.
- Bourne, W.R.P. 1982a. The manner in which wind drift leads to seabird movements along the east coast of Scotland. *Ibis* 124: 81-88.
- Buxton, N.E. 1985b. A new breeding site for the Atlantic Gannet. *Scottish Birds* 13: 187.
- Clark, H. & Sellers, R.M. 2006. Some early records of Northern Gannet movements in the coastal waters off Caithness. *Scottish Birds* 26: 40-43.
- Cramp, S., Bourne, W.R.P. & Saunders, D. 1974. *The Seabirds of Britain and Ireland*. Collins, London.
- Dickson, C. & Dickson, J. 2001. *Plants and People in Ancient Scotland*. Tempus Publishing Ltd, Stroud.
- Fisher, J., Stewart, M. & Venables, L.S.V. 1938. Gannet colonies of Shetland. *British Birds* 32: 162-169.
- Fisher, J. & Venables, L.S.V. 1938. Gannets (*Sula bassana*) on Noss, Shetland, with an analysis of the rate of increase of the species. *Journal of Animal Ecology* 7: 305-313.
- Fisher, J. & Vevers, H.G. 1943. The breeding distribution, history and population of the North Atlantic Gannet (*Sula bassana*). Part 1: a history of the Gannet's colonies, and the census in 1939. *Journal of Animal Ecology* 12: 173-213.
- Fisher, J. & Vevers, H.G. 1951. The present population of the North Atlantic Gannet (*Sula bassana*). *Proceedings of the 10th International Ornithological Congress*: 463-467.
- Furness, R.W. 1981a. Colonization of Foula by Gannets. *Scottish Birds* 11: 211-213.
- Gurney, J.H. 1913. *The Gannet: a bird with a history*. H.F. & G. Witherby, London.
- Hamer, K.C., Phillips, R.A., Hill, J.K., Wanless, S. & Wood, A.G. 2001. Contrasting foraging strategies of gannets *Morus bassanus* at two North Atlantic colonies: foraging trip duration and foraging area fidelity. *Marine*

- Ecology Progress Series* 224: 283-290.
- Innes, M. 1991. The movement of Gannets, Cormorants and Shags past Peterhead, Grampian. *North-East Scotland Bird Report* 1990: 55-62.
- Lloyd, C.S., Tasker, M.L. & Partridge, K. 1991. *The Status of Seabirds in Britain and Ireland*. T. & A.D. Poyser, London.
- Martin, A.R. 1989. The diet of Atlantic Puffin *Fratercula arctica* and Northern Gannet *Sula bassana* chicks at a Shetland colony during a period of changing prey availability. *Bird Study* 36: 170-180.
- Martin, M. 1703. *A description of the Western Islands of Scotland including a voyage to St Kilda*. Andrew Bell, London.
- Monro, D. 1774. *Description of the Western Isles of Scotland, called Hybrides*. W. Auld, Edinburgh.
- Monteith, R. 1711. *Description of the Isles of Orkney and Zetland*. Sir Robert Sibbald, Edinburgh.
- Montevecchi, W.A., Barrett, R.T., Rikardsen, F. & Strann, K.B. 1987. The population and reproductive status of the Gannet *Sula bassana* in Norway in 1985. *Fauna Norvegica Series C, Cinclus* 10: 65-72.
- Montevecchi, W.A. & Vaughan, R.B. 1989. The ontogeny of thermal independence in nestling Gannets. *Ornis Scandinavica* 20: 161-168.
- Murray, S. & Wanless, S. 1983. The Ailsa Craig Gannetry in 1982. *Scottish Birds* 12: 225-227.
- Murray, S. & Wanless, S. 1986. The status of the Gannet in Scotland in 1984-85. *Scottish Birds* 14: 74-85.
- Murray, S. & Wanless, S. 1997. The status of the Gannet in Scotland in 1994-95. *Scottish Birds* 19: 10-27.
- Murray, S., Wanless, S. & Harris, M.P. 2006. The status of the Northern Gannet in Scotland in 2003-04. *Scottish Birds* 26: 17-29.
- Nelson, J.B. 1966. Population dynamics of the gannet (*Sula bassana*) at the Bass Rock, with comparative information with other *Sulidae*. *Journal of Animal Ecology* 35: 443-470.
- Nelson, J.B. 1978. *The Gannet*. T. & A.D. Poyser, Berkhamsted.
- Nelson, J.B. 2002. *The Atlantic Gannet*. Fenix Books Ltd, Great Yarmouth.
- Nelson, J.B. 2006. Mean laying dates in the Northern Gannet. *Scottish Birds* 26: 50-51.
- Okill, J.D. 1992b. Unusual clutch and brood sizes amongst Gannets. *Shetland Bird Report* 1991: 104.
- Okill, J.D. & Wanless, S. 1986. Weights and wing lengths of juvenile Gannets *Sula bassana* from Noss and Ailsa Craig. *Ringing & Migration* 7: 125-129.
- Paton, E.R. & Pike, O.G. 1929. *The Birds of Ayrshire*. H.F. & G. Witherby, London.
- Pennington, M.G., Martin, A.R. & Heubeck, M. 1991. The breeding birds of Hermaness, Shetland. *Scottish Birds* 16: 118-130.
- Poulin, J.M. 1968. Croissance du jeune fou de bassan (*Sula bassana*) pendant sa periode pre-envoi. *Naturaliste Canadienne* 95: 1131-1143.
- Riddiford, N.J. & Harvey, P.V. 1992b. Colonisation and population growth by Gannets at Fair Isle. *Scottish Birds* 16: 192-199.
- Taylor, I.R. 1977. Overland passage of Gannets from the Forth. *Scottish Birds* 9: 298.
- Thomson, A.L. 1974. The migration of the Gannet: a reassessment of British and Irish ringing data. *British Birds* 67: 89-103.
- Tulloch, J.S. 1915. Nesting of the Gannet in Shetland: an extension of its breeding range. *Scottish Naturalist* 1915: 251.
- Wanless, S. 1983. Seasonal variation in the numbers and condition of Gannets *Sula bassana* dying on Ailsa Craig, Scotland. *Bird Study* 30: 102-108.
- Wanless, S. 1984. The growth and food of young Gannets *Sula bassana* on Ailsa Craig. *Seabird* 7: 62-70.
- Wanless, S., Frederiksen, M., Harris, M.P. & Freeman, S.N. 2006. Survival of Gannets *Morus bassanus* in Britain and Ireland, 1959-2002. *Bird Study* 53: 79-85.
- Wanless, S., Matthews, J. & Bourne, W.R.P. 1996. The Troup Head gannetry. *Scottish Birds* 18: 214-221.
- Wanless, S., Murray, S. & Harris, M.P. 2005b. The status of Northern Gannet in Britain & Ireland in 2003/04. *British Birds* 98: 280-294.
- Wanless, S. & Okill, J.D. 1994. Body measurements and flight performance of adult and juvenile Gannets *Morus bassanus*. *Ringing & Migration* 15: 101-103.
- Willcox, N.A., Richardson, M.G. & Dore, C.P. 1986. Breeding seabirds of Noss, Shetland. *Scottish Birds* 14: 25-32.
- Wynne-Edwards, V.C., Lockley, R.M. & Salmon, H.M. 1936. The distribution and numbers of breeding Gannets (*Sula bassana* L.). *British Birds* 29: 262-276.
- Young, J.G. 1968. Birds of the Scar Rocks - the Wigtownshire gannetry. *Scottish Birds* 5: 204-208.
- Zonfrillo, B. 1992. The menace of low-flying aircraft to seabirds on Ailsa Craig. *Scottish Bird News* 28: 4.
- Zonfrillo, B. 2005. The Ailsa Craig Gannetry in 2004. *British Birds* 98: 551-553.

087 Great Cormorant (35)

- Alström, P. 1985. Artbestämning av. Atorskärv *Phalacrocorax carbo* och toppskärv *P. aristotelis*. *Vår Fågelvärld* 44: 325-350.
- Alström, P. 1991. Identification of Double-crested Cormorant. *Birding World* 4: 9-16.
- Balfour, E., Anderson, A. & Dunnet, G.M. 1967a. Orkney Cormorants - their breeding distribution and dispersal. *Scottish Birds* 4: 481-493.

- Budworth, D., Canham, M., Clark, H., Hughes, B. & Sellers, R.M. 2000. Status, productivity, movements and mortality of Great Cormorants *Phalacrocorax carbo* breeding in Caithness, Scotland: a study of a declining population. *Atlantic Seabirds* 2: 165-180.
- Carss, D.N. 1989. The impact of mariculture on birds. In: *Fishfarming and the Safeguard of the Natural Marine Environment of Scotland*. pp 61-78. Nature Conservancy Council, Edinburgh.
- Carss, D.N. 1990. Concentrations of wild and escaped fishes immediately adjacent to fish farm cages. *Aquaculture* 90: 29-40.
- Carss, D.N. 1993. Cormorants *Phalacrocorax carbo* at cage fish farms in Argyll, western Scotland. *Seabird* 15: 38-44.
- Carss, D.N. 1994. Killing of piscivorous birds at Scottish fin fish farms, 1984-1987. *Biological Conservation* 68: 181-188.
- Carss, D.N., Marquiss, M. & Lauder, A.W. 1997. Cormorant *Phalacrocorax carbo carbo* predation at a major trout fishery in Scotland. *Supplemento alle Ricerche di Biologia della Selvaggina* 26: 281-294.
- Carss, D.N. & Marzano, M. (eds) 2005. *Reducing the conflict between Cormorants and fisheries on a pan-European scale: REDCAFE - summary & national overviews*. Report to the EU, contract No. Q5CA-2000-31387.
- Collier, M.P., Banks, A.N., Austin, G.E., Girling, T., Hearn, R.D. & Musgrove, A.J. 2005. *The Wetland Bird Survey 2003/04: wildfowl and wader counts*. BTO/WWT/RSPB/JNCC, Slimbridge.
- Cosgrove, P.J., Butler, J.R.A. & Laughton, R.L. 2004. Canoe and walking surveys of wintering Goosanders, Red-breasted Mergansers, Great Cormorants and Common Goldeneyes on the River Spey, 1994-2003. *Scottish Birds* 24 (2): 1-10.
- Cramp, S., Bourne, W.R.P. & Saunders, D. 1974. *The Seabirds of Britain and Ireland*. Collins, London.
- Goostrey, A., Carss, D.N., Noble, L.R. & Piertney, S.B. 1998. Population introgression and differentiation in the Great Cormorant *Phalacrocorax carbo* in Europe. *Molecular Ecology* 7: 329-338.
- Grémillet, D., Wright, G., Lauder, A., Carss, D.N. & Wanless, S. 2003. Modelling the daily food requirements of wintering great cormorants: a bioenergetics tool for wildlife management. *Journal of Applied Ecology* 40: 266-277.
- Henty, C. 1998. Cormorant calls at a winter roost. *Scottish Birds* 19: 247.
- Lloyd, C.S., Tasker, M.L. & Partridge, K. 1991. *The Status of Seabirds in Britain and Ireland*. T. & A.D. Poyser, London.
- Marquiss, M., Carss, D.N., Armstrong, J.D. & Gardiner, R. 1998. *Fish-eating birds and salmonids in Scotland*. Report on fish-eating bird research (1990-1997) to the Scottish Office Agriculture, Environment and Fisheries Department. HMSO, Edinburgh.
- Mavor, R.A., Parsons, M., Heubeck, M. & Schmitt, S. 2005. *Seabird numbers and breeding success in Britain and Ireland, 2004*. UK Nature Conservation Series No. 29. Joint Nature Conservation Committee, Peterborough.
- Millington, R. 2005. Identification of North Atlantic and Continental Cormorants. *Birding World* 18: 112-123.
- Mills, D. 1969. The food of the Cormorant at two breeding colonies on the east coast of Scotland. *Scottish Birds* 5: 268-276.
- Newson, S., Ekins, G., Hughes, B., Russell, I. & Sellars, R. 2005a. Separation of North Atlantic and Continental Cormorants. *Birding World* 18: 107-111.
- Paton, E.R. & Pike, O.G. 1929. *The Birds of Ayrshire*. H.F. & G. Witherby, London.
- Pennie, I.D. 1996. Cormorants on Handa. *Scottish Birds* 18: 191.
- Proctor, R. & Donald, C. 2000a. Identification of an unusual cormorant on Loch Spynie and records of *sinensis* Cormorant in Moray & Nairn. *Birds in Moray & Nairn* 1999: 84-91.
- Proctor, R. & Donald, C. 2000b. An unusual Cormorant at Loch Spynie and the status on Continental '*sinensis*' Cormorant in Scotland. *Birding Scotland* 3: 86-93.
- Rehfisch, M.M., Wernham, C.V. & Marchant, J.H. (eds) 1999. *Population, distribution, movements and survival of fish-eating birds in Great Britain*. Department of the Environment, Transport and the Regions, London.
- Reynolds, P. & Booth, C.J. 1987. Orkney Cormorants - an aerial census of the breeding population. *Scottish Birds* 14: 131-137.
- Smith, R.W.J. 1969. Scottish Cormorant colonies. *Scottish Birds* 5: 363-378.
- Starling, A.E., Kirby, J.S., Pickering, S.P.C., Gilburn, A.C. & Howell, R. 1992. *Status and distribution of wintering cormorants, goosanders, and red-breasted mergansers in Great Britain with specific reference to the Welsh region*. National Rivers Authority, Cardiff.
- Summers, R.W. & Laing, S. 1990. Movements of Cormorants from the Lamb, Firth of Forth. *Scottish Birds* 16: 29-32.
- Wares, I. 1970. Unusual food of Cormorant. *Scottish Birds* 6: 196.
- Watson, A., Marquiss, M. & Cosgrove, P.J. 1998a. North east Scottish counts of Goldeneye, Goosander, Red-breasted Merganser and Cormorant in 1944-50 compared with 1988-97. *Scottish Birds* 19: 249-258.
- Wright, G.A. 2003. Turnover in a wintering cormorant population: implications for management. In: Cowx, I.G. (ed.) *Interactions between Fish and Birds: implications for management*. Blackwell Science, Oxford.
- Zonfrillo, B. 1983. Cormorant eating Lesser Octopus. *Scottish Birds* 12: 163.

088 European Shag (19)

Aebischer, N.J. & Wanless, S. 1992. Relationships between colony size, adult non-breeding and environmental

- conditions for Shags *Phalacrocorax aristotelis* on the Isle of May, Scotland. *Bird Study* 39: 43-52.
- Craik, J.C.A. 1998. Recent mink-related declines of gulls and terns in west Scotland and the beneficial effects of mink control. *Argyll Bird Report* 14: 98-110.
- Cramp, S., Bourne, W.R.P. & Saunders, D. 1974. *The Seabirds of Britain and Ireland*. Collins, London.
- Elkins, N. & Williams, M.R. 1974. Shag movements in northeast Scotland. *Bird Study* 21: 149-151.
- Harris, M.P., Buckland, S.T., Russell, S.M. & Wanless, S. 1994. Post fledging survival to breeding age of shags *Phalacrocorax aristotelis* in relation to year, date of fledging and brood size. *Journal of Avian Biology* 25: 268-274.
- Harris, M.P. & Wanless, S. 1996. Differential responses of Guillemot *Uria aalge* and Shag *Phalacrocorax aristotelis* to a late winter wreck. *Bird Study* 43: 220-230.
- Heubeck, M. 1997a. The direct effect of the Braer oil spill on seabird populations, and an assessment of the role of the wildlife response centre. In: Davies, J.M. & Topping, G. (eds) *The Impact of an Oil Spill in Turbulent Waters: the Braer*. pp 73-90. The Stationery Office, Edinburgh.
- Lloyd, C.S., Tasker, M.L. & Partridge, K. 1991. *The Status of Seabirds in Britain and Ireland*. T. & A.D. Poyser, London.
- Lumsden, W.H.R. & Haddow, A.J. 1946. The food of the shag (*Phalacrocorax aristotelis*) in the Clyde Sea area. *Journal of Animal Ecology* 15: 35-42.
- Martin, A.R. 2002. *Ornithological fieldwork on Hermaness NNR, Shetland conducted by the Cambridge Group, June/July 2002*. Scottish Natural Heritage and SOTEAG, Lerwick.
- Mavor, R., Pickerell, G., Heubeck, M. & Thompson, K.R. 2001. *Seabird numbers and breeding success in Britain and Ireland, 2000*. UK Nature Conservation Series No. 25. Joint Nature Conservation Committee, Peterborough.
- Mavor, R.A., Parsons, M., Heubeck, M. & Schmitt, S. 2006. *Seabird numbers and breeding success in Britain and Ireland, 2005*. UK Nature Conservation Series No. 30. Joint Nature Conservation Committee, Peterborough.
- Overpeck, J.T., Rind, D. & Goldberg, R. 1987. Climate induced changes in forest disturbance vegetation. *Nature* 343: 51-53.
- Potts, G.R. 1969. The influence of eruptive movements, age, population size and other factors on the survival of the shag (*Phalacrocorax aristotelis* (L.)). *Journal of Animal Ecology* 38: 53-102.
- Rindorf, A., Wanless, S. & Harris, M.P. 2000. Effects of changes in sandeel availability on the reproductive output of seabirds. *Marine Ecology Progress Series* 202: 241-252.
- Stone, C.J., Webb, A., Barton, C., Ratcliffe, N., Reed, T.C., Tasker, M.L., Camphuysen, C.J. & Pienkowski, M.W. 1995b. *An Atlas of Seabird Distribution in North-west European Waters*. Joint Nature Conservation Committee, Peterborough.
- Swann, R.L., Harris, M.P. & Aiton, D.G. 1991. The diet of young seabirds on Canna, 1981-90. *Seabird* 13: 54-62.
- Wanless, S. & Harris, M.P. 1997. Successful double-brooding in European Shags. *Colonial Waterbirds* 20: 291-294.
- Wanless, S., Harris, M.P. & Morris, J.A. 1991. Foraging range and feeding locations of Shags *Phalacrocorax aristotelis* during chick rearing. *Ibis* 133: 30-36.

089 Ascension Frigatebird (9)

- Andrew, D.G. 1963. Review of ornithological changes in Scotland in 1962. *Scottish Birds* 2: 342-350.
- Anon. 1954. Magnificent Frigate-bird in Tiree, Inner Hebrides: a new British Bird. *British Birds* 47: 58-59.
- BirdLife International. 1998. *Threatened Birds of the World*. Lynx Edicions, Barcelona.
- British Ornithologists' Union (BOU). 2004. British Ornithologists' Union Records Committee: 30th Report (October 2003). *Ibis* 146: 192-195.
- McGowan, R.Y. 2003. The Ascension Frigatebird from Tiree, 1953. *Birding Scotland* 6: 103-106.
- Stephen, A.C. 1953. Magnificent Frigate-bird in Scotland. *Scottish Naturalist* 1953: 193-194.
- Swaine, C.M. on behalf of the Rarities Committee. 1962. Report on rare birds in Great Britain in 1961 (with 1959 and 1960 additions). *British Birds* 55: 562-584.
- Walbridge, G., Small, B. & McGowan, R.Y. 2003. From the Rarities Committee's files: Ascension Frigatebird on Tiree – new to the Western Palearctic. *British Birds* 96: 58-73.
- Zonfrillo, B., McGowan, R.Y. & Palma, R.L. 2003. Feather lice from Ascension and Magnificent Frigatebirds. *British Birds* 96: 454.

090 Great Bittern (36)

- Bibby, C.J. 1981b. Wintering Bitterns in Britain. *British Birds* 74: 1-10.
- Bisshopp, C.H. 1912. Bittern at Oban. *Scottish Naturalist* 1912: 67.
- Bonar, H.N. 1908. Bitterns in East Lothian. *Annals of Scottish Natural History* 1908: 183-184.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Broberg, L. 2002. Rördrommen *Botaurus stellaris* I Sverige 2000. *Vår Fågelvärld* 30: 91-98.
- Brown, H.H. 1910. Bittern in Fife. *Annals of Scottish Natural History* 1910: 119.
- Buckley, T.E. 1897c. Bittern at Invergarry. *Annals of Scottish Natural History* 1897: 192.
- Buckley, T.E. 1900c. Bittern in Nairn. *Annals of Scottish Natural History* 1900: 122.

- Cunningham, P. 1983a. *The Birds of the Outer Hebrides: a guide to their status and distribution*. The Melven Press, Perth.
- Day, J.C.U. 1981. Status of Bitterns in Europe since 1976. *British Birds* 74: 10-16.
- Day, J.C.U. & Wilson, J. 1978. Breeding Bitterns in Britain. *British Birds* 71: 285-300.
- Dunn, C., Miles, W., Pinder, S., Chipperfield, M., Gilbert, G. & Smith, K.W. 2003. *Bittern Botaurus stellaris monitoring and research in the UK: summary of the 2003 season*. Unpublished report. RSPB, Sandy.
- Evans, W. 1908b. Bittern in East Lothian. *Annals of Scottish Natural History* 1908: 119-120.
- Gilbert, G. 1993. *Vocal individuality as a census and monitoring tool: practical consideration illustrated by a study of the Bittern Botaurus stellaris and the Black-throated Diver Gavia arctica*. Unpublished PhD thesis, University of Nottingham.
- Gilbert, G., Painter, M. & Smith, K.W. 1996. An inventory of British reedbeds in 1993. *RSPB Conservation Review* 10: 39-45.
- Gilbert, G., Tyler, G. & Smith, K. 2003. Nestling diet and fish preference of Bitterns *Botaurus stellaris* in Britain. *Ardea* 91: 35-44.
- Gilbert, G., Tyler, G. & Smith, K.W. 2005. Behaviour, home-range size and habitat use by male Great Bittern *Botaurus stellaris* in Britain. *Ibis* 147: 533-543.
- Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.
- Hancock, J., Kushlan, J., Gillmor, R. & Hayman, P. 1984. *The Herons Handbook*. Croom Helm, Beckenham.
- Harvie-Brown, J.A. 1900c. Bitterns in Stirlingshire. *Annals of Scottish Natural History* 1900: 122.
- Macdonald, D. 1955. Bittern in South-east Sutherland. *Scottish Naturalist* 1955: 110.
- Mackenzie, D. 1917. Bittern in the Island of Lewis. *Scottish Naturalist* 1917: 70.
- McWilliam, J.M. 1936. *The Birds of the Firth of Clyde*. H.F. & G. Witherby, London.
- Montagu, G. 1831. *Ornithological Dictionary of British Birds*. Rennie's Edition. Hurst, Chance & Co., London.
- Muirhead, G. 1889-1895. *The Birds of Berwickshire*. Two volumes. David Douglas, Edinburgh.
- Murray, J. 1936. Bittern in North Sutherland. *Scottish Naturalist* 1936: 151.
- Paterson, J. 1900. The Bittern in Ayrshire. *Annals of Scottish Natural History* 1900: 122.
- Paton, E.R. & Pike, O.G. 1929. *The Birds of Ayrshire*. H.F. & G. Witherby, London.
- Patterson, S. 2003. Do you still need - Bittern? *Birding Scotland* 6: 145-146.
- Platt, M.I. 1936. Report on the animal bones found in the chambered cairn, Knowe of Ramsay, Rousay, Orkney. *Proceedings of the Society of Antiquaries of Scotland* 70: 415-419.
- Rintoul, L.J. 1937. Bittern in Aberdeenshire. *Scottish Naturalist* 1937: 71.
- Sim, G. 1903. *The Vertebrate Fauna of 'Dee'*. Wyllie, Aberdeen.
- Smith, A.J. 1960. Bittern in Roxburghshire. *Scottish Birds* 1: 234.
- Smith, B. 1984. Birds in Orcadian prehistory. In: Booth, C., Cuthbert, M. & Reynolds, P. (eds) *The Birds of Orkney*. The Orkney Press, Stromness.
- Thomson, W. 1949b. Bittern in East Lothian. *Scottish Naturalist* 1949: 122.
- Venables, L.S.V. & Venables, U.M. 1955. *The Birds and Mammals of Shetland*. Oliver & Boyd, Edinburgh.

091 American Bittern (8)

- Andrews, I.J. & Naylor, K.A. on behalf of the Scottish Birds Records Committee. 2002. Records of species and subspecies recorded in Scotland on up to 20 occasions. *Scottish Birds* 23: 61-116.
- Clugston, D.L. 2002. Blast from the past: American Bittern, Kilmacolm, Renfrewshire, 4th November 1981. *Birding Scotland* 5: 183-184.
- Gladstone, H.S. 1910b. The American Bittern in Scotland. *Annals of Scottish Natural History* 1910: 70-74.
- Gurney, J.H. 1876. American Bittern in Dumfriesshire. *Zoologist* 1876: 4929.
- Lansdown, P.G. 2000. Separation of American and Great Bitterns. *British Birds* 93: 132-134.
- Sweeney, J.J. 1983. American Bittern in Renfrewshire. *Clyde Bird Report* 1981: 70-72.
- Yarrell, W. 1845. *A History of British Birds*. 2nd Edition. Three volumes. Van Voorst, London.

092 Little Bittern (9)

- Allport, A.M. & Carroll, D. 1989. Little Bitterns breeding in South Yorkshire. *British Birds* 82: 442-446.
- Baikie, W.B. & Heddle, R. 1848. *Naturalis Orcadensis. Zoology. Part I. Being a Catalogue of the Mammalia and Birds hitherto Observed in the Orkney Islands*. J. & W. Patterson, Edinburgh.
- Bain, S. 2004. Little Bittern on St Kilda, May 2004. *Birding Scotland* 7: 111-114.
- Evans, A.H. & Buckley, T.E. 1899. *A Vertebrate Fauna of the Shetland Islands*. David Douglas, Edinburgh.
- Grant, J.A.R., Wareham, T. & Watkins, J. 1971. Little Bittern in South Fife. *Scottish Birds* 6: 331.
- Johnstone, D., Johnstone, A.B. & Richards, G.A. 1966. Little Bittern in Ayrshire. *Scottish Birds* 4: 82.
- Joy, G.D. 1966a. Little Bittern in Shetland. *Scottish Birds* 4: 82-83.
- Middleton, R. 1960. Little Bittern in Angus. *Scottish Birds* 1: 183.
- Saxby, T.E. 1917. Little Bittern in Shetland. *Scottish Naturalist* 1917: 214.

093 Black-crowned Night Heron (13)

- Anon. 1998c. Annual Reports: Edinburgh Zoo and Highland Wildlife Park, Scotland. *Royal Zoological Society of Scotland, Annual Report* 85: 39.
- Brown, A. 1989a. Night Heron at Drem. *Lothian Bird Report* 1988: 84.
- Dorward, D.F. 1957. The Night-heron colony in the Edinburgh Zoo. *Scottish Naturalist* 1957: 32-36.
- Duffy, K.J. 1989. Some notes on Night Heron sightings in the Lothians. *Lothian Bird Report* 1988: 75-77.
- Gray, R. 1880. On the occurrence of the Night Heron (*Nycticorax griseus*) in Clackmannanshire and the American Night Heron (*Nycticorax gardeni*) in Ayrshire. *Proceedings of the Royal Physical Society of Edinburgh* 5: 355-360.
- Halcro, J. 1963. Night Heron in Orkney. *Scottish Birds* 2: 475.
- Jardine, D. 1991b. Night Herons at Edinburgh Zoo 1988-1989: a summary of sightings. *Lothian Bird Report* 1990: 93.
- Muirhead, G. 1889-1895. *The Birds of Berwickshire*. Two volumes. David Douglas, Edinburgh.
- Paterson, J. 1927. Night-Heron in Glasgow. *Scottish Naturalist* 1927: 14.
- Peel, C.V.A. 1897. Night Heron in Barra. *Annals of Scottish Natural History* 1897: 43.
- Stevenson, M.F. 1984. Night Herons. *Scottish Birds* 13: 29.
- Voisin, C. 1991. *The Herons of Europe*. T. & A.D. Poyser, Calton.
- Young, G. & Duffy, K.J. 1985. Night Herons in Scotland. *Annual Report of the Royal Zoological Society of Scotland* 1984: 40-46.

094 Green Heron (2)

- British Ornithologists' Union (BOU). 1993a. British Ornithologists' Union Records Committee: 18th Report (December 1992). *Ibis* 135: 220-222.
- Gordon, P.R. 1988. Green Heron at Tynningham. *Lothian Bird Report* 1987: 80.
- Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.
- Voisin, C. 1991. *The Herons of Europe*. T. & A.D. Poyser, Calton.

095 Squacco Heron (6)

- Briggs, A. 1897. Bird notes from North Ronaldshay, Orkney. *Annals of Scottish Natural History* 1897: 153-160.
- Clyne, R. 1913. The Squacco Heron in the Outer Hebrides. *Scottish Naturalist* 1913: 211.
- Clyne, R. 1915. Notes on birds observed at the Butt of Lewis. *Scottish Naturalist* 1915: 29-37, 77-81.
- Gray, R. 1877. On the occurrence in Scotland of the Squacco Heron (*Ardea comata*, Pallas). *Proceedings of the Royal Physical Society of Edinburgh* 4: 216-217.
- Martin, W. 1853. Miscellaneous notices. *The Naturalist* 3: 61.
- Voisin, C. 1991. *The Herons of Europe*. T. & A.D. Poyser, Calton.

096 Cattle Egret (5)

- Austin, W. 1965. Cattle Egret in Dumfriesshire. *Scottish Birds* 3: 246.
- Marshall, B. 2000. Cattle Egret on Whalsay – first Shetland record. *Shetland Bird Report* 1999: 93-94.
- Phillips, I.M. 1999. Cattle Egret in Scotland. *Birding Scotland* 2: 77.
- Voisin, C. 1991. *The Herons of Europe*. T. & A.D. Poyser, Calton.
- Weber, W.J. 1972. A new world for the cattle egret. *Natural History* 81 (2): 56-63.

097 Snowy Egret (9)

- British Ornithologists' Union (BOU). 2003. British Ornithologists' Union Records Committee: 29th Report (October 2002). *Ibis* 145: 178-183.
- Hancock, J. 1999. *Herons and Egrets of the World*. Academic Press, London.
- Hancock, J., Kushlan, J., Gillmor, R. & Hayman, P. 1984. *The Herons Handbook*. Croom Helm, Beckenham.
- Jackson, B. 2001c. The Snowy Egret in Argyll - a new British bird. *Birding World* 14: 460-464.
- Jackson, B. 2002a. Argyll's first for Britain - Snowy Egret, Balvicar, Seil Island, Oban. *Birding Scotland* 5: 10-14.
- Jackson, B. 2002b. Snowy Egret at Balvicar - the first British record. *Argyll Bird Report* 18: 109-114.
- Jackson, B. 2004. Snowy Egret in Argyll and Bute: new to Britain. *British Birds* 97: 270-275.
- Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.
- Voisin, C. 1991. *The Herons of Europe*. T. & A.D. Poyser, Calton.

098 Little Egret (8)

- Brown, A. & Grice, P. 2005. *Birds in England*. T. & A.D. Poyser, London.
- Campbell, C.A.B. 1968. Little Egret in Wigtownshire. *Scottish Birds* 5: 209.
- Crawford, J.R. 1955. Little Egret in Perthshire. *British Birds* 48: 127.
- Henderson, T. 1954. Rare spring visitors in Shetland. *Fair Isle Bird Observatory Bulletin* 2: 177-179.
- Miller, R.H. & Willmett, G.A. 1971. Little Egret in Wigtownshire. *Scottish Birds* 6: 331.
- Norwell, P.S., Rowling, D.E., Maxwell, M., Palmar, C.E., Gregory, A., Hill, S.G. & Thomlinson, D. 1970. Little Egrets in Scotland. *Scottish Birds* 6: 196-197.
- Smith, R.J., Swan, J. & Young, J. 1962. Little Egret in Shetland. *Scottish Birds* 2: 29.
- Voisin, C. 1991. *The Herons of Europe*. T. & A.D. Poyser, Calton.

099 Great Egret (6)

- Drummond-Hay, H.M. 1888b. Additional notes on the report of the ornithology of the east of Scotland, from Fife to Aberdeenshire inclusive, (1885). *Scottish Naturalist* 9: 345-350.
- Hancock, J., Kushlan, J., Gillmor, R. & Hayman, P. 1984. *The Herons Handbook*. Croom Helm, Beckenham.
- MacGillivray, W. 1846. *A Manual of British Ornithology*. Volume 2. 2nd Edition. Scott, Webster & Geary, London.
- Saunders, H. 1899. *Illustrated Manual of British Birds*. 2nd Edition. Gurney & Jackson, London.
- Turnbull, W.P. 1867. *The Birds of East Lothian and a Portion of the Adjoining Counties*. 2nd Edition. Privately published, Glasgow.
- Voisin, C. 1991. *The Herons of Europe*. T. & A.D. Poyser, Calton.

100 Grey Heron (25)

- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Boyd Watt, H. 1908. A list of Scottish heronries, past and present. *Annals of Scottish Natural History* 1908: 218-223.
- Boyd Watt, H. 1910. Scottish heronries, past and present. *Annals of Scottish Natural History* 1910: 68-70.
- Boyd Watt, H. 1911. Scottish heronries and a census of Herons. *Annals of Scottish Natural History* 1911: 72-75.
- Boyd Watt, H. 1914. Scottish heronries. *Annals of Scottish Natural History*: 112-115.
- Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
- Campbell, J.W. 1949. The breeding of the Heron in the Outer Hebrides. *Scottish Naturalist* 1949: 73-100.
- Cars, D.N. 1994. Killing of piscivorous birds at Scottish fin fish farms, 1984-1987. *Biological Conservation* 68: 181-188.
- Cars, D.N. & Elston, D.A. 2003. Patterns of association between algae, fishes and Grey Herons *Ardea cinerea* in the rocky littoral zone of a Scottish sea loch. *Estuarine, Coastal and Shelf Science* 58: 265-277.
- Cars, D.N. & Marquiss, M. 1996. The influence of a fish farm on Grey Heron *Ardea cinerea* breeding performance. In: Greenstreet, S.P.R. & Tasker, M.L. (eds) *Aquatic Predators and their Prey*. pp 133-141. Blackwell Scientific Publications, Oxford.
- Garden, E.A. 1958b. The national census of heronries in Scotland 1954 with a summary of the 1928/29 census. *Bird Study* 5: 90-109.
- Giles, N. 1981. Summer diet of the Grey Heron. *Scottish Birds* 11: 153-159.
- Harvie-Brown, J.A. & Buckley, T.E. 1888. *A Vertebrate Fauna of the Outer Hebrides*. David Douglas, Edinburgh.
- Lowe, F.A. 1954. *The Heron*. Collins, London.
- Marchant, J. 2005. Charting the success of UK herons. *BTO News* 257: 12-13.
- Marchant, J.H., Freeman, S.N., Crick, H.Q.P. & Beaven, L.P. 2004. The BTO Heronries Census of England and Wales 1928-2000: new indices and a comparison of analytical methods. *Ibis* 146: 323-334.
- Marquiss, M. 1989. Grey Herons *Ardea cinerea* breeding in Scotland: numbers, distribution and census techniques. *Bird Study* 36: 181-191.
- Marquiss, M. 1993. *Herons*. Colin Baxter Photography Ltd, Grantown on Spey.
- Marquiss, M. & Leitch, A. 1990. The diet of Grey Herons *Ardea cinerea* breeding at Loch Leven, Scotland, and the importance of their predation on ducklings. *Ibis* 132: 535-549.
- Marquiss, M., Nicoll, M. & Brockie, K. 1983. Scottish herons and the 1981/82 cold winter. *BTO News* 125: 4-5.
- Mead, C.J., North, P.M. & Watmough, B.R. 1979. The mortality of British Grey Herons. *Bird Study* 26: 13-22.
- North, P.M. 1979. Relating Grey Heron survival rates to winter weather conditions. *Bird Study* 26: 23-28.
- Owen, D.F. 1955. The food of the Grey Heron *Ardea cinerea* in the breeding season. *Ibis* 97: 276-295.
- Park, K.L., Calladine, J.R., Graham, K.E., Stephenson, C.M. & Wernham, C.V. 2005. *The Impacts of Predatory Birds on Waders, Songbirds, Gamebirds and Fisheries Interests*. A report by BTO & Stirling University to Scotland's Moorland Forum.
- Richner, H. 1986. Winter feeding strategies of individually marked herons. *Animal Behaviour* 34: 881-886.

101 Purple Heron (10)

- Dennis, R.H. 1966b. Purple Heron at Fair Isle. *Scottish Birds* 4: 81.

- Dennis, R.H. 1970a. Purple Heron at Fair Isle. *Scottish Birds* 6: 27-28.
- Forbes, H.O. 1873. Purple Heron (*Ardea purpurea* L.). *Scottish Naturalist* 2: 10.
- Fraser, P.A. & Rogers, M.J. 2006a. Report on scarce migrant birds in Britain in 2003. Part 1: American Wigeon to Wryneck. *British Birds* 99: 74-91.
- Laidlaw, T.G. 1917. Rare birds in Berwickshire. *Scottish Naturalist* 1917: 214.
- Paterson, J. 1908. Report on Scottish ornithology for 1907. *Annals of Scottish Natural History* 1908: 193-208.
- Rintoul, L.J. & Baxter, E.V. 1935. *A Vertebrate Fauna of Forth*. Oliver & Boyd, Edinburgh & London.
- Saunders, H. 1899. *Illustrated Manual of British Birds*. 2nd Edition. Gurney & Jackson, London.
- Sim, G. 1903. *The Vertebrate Fauna of 'Dee'*. Wyllie, Aberdeen.
- Smith, R.J. 1849. On the occurrence of Purple Heron (*Ardea purpurea*) in Aberdeenshire. *Zoologist* 7: 2497-2498.

102 Black Stork (4)

- Hill, W.C.O. 1946. Black Stork in Scotland. *British Birds* 39: 344-345.
- Rossetti, J.B.O. 1980. Black Stork in Outer Hebrides. *Scottish Birds* 11: 82-83.
- Scott, H.I. 1998a. Black Stork, Ythan Estuary, 3rd-19th July 1998 - a first for North-East Scotland. *Birding Scotland* 1: 175-177.
- Scott, H.I. 1999. Black Stork (*Ciconia nigra*), Ythan Estuary, 3rd-19th July 1998 - a first for North-East Scotland. *North-East Scotland Bird Report* 1998: 112-114.

103 White Stork (10)

- Austin, W. 1961. White Stork in Dumfries-shire. *Scottish Birds* 1: 451.
- Clarke, W.E. 1919. An old-time record of the breeding of the White Stork in Scotland. *Scottish Naturalist* 1919: 25-26.
- Delaney, T. 1972. White Storks in Scotland. *Scottish Birds* 7: 92.
- Harvie-Brown, J.A. & Buckley, T.E. 1892. *A Vertebrate Fauna of Argyll and the Inner Hebrides*. David Douglas, Edinburgh.
- Macdonald, A. 1965a. White Stork in East Lothian. *Scottish Birds* 3: 406.
- MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
- Pennington, M.G. 1996. White Stork at Northdale, Unst 29th April - 11th May. *Shetland Bird Report* 1995: 92.
- Smith, A.J.M. & Dunnet, G.M. 1968. White Stork in Aberdeenshire. *Scottish Birds* 5: 171.
- Stout, G. 1930c. Bird notes from Fair Isle. *Scottish Naturalist* 1930: 60.
- Tuach, K., MacGeoch, J. & MacNally, L. 1965. White Stork in Nairnshire and east Inverness-shire. *Scottish Birds* 3: 246-252.

104 Glossy Ibis (20)

- Berry, C. 1909. The birds of Lendalfoot. *Glasgow Naturalist* 1: 5-28.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Clarke, W.E. 1904b. Glossy Ibis in Orkney. *Annals of Scottish Natural History* 1904: 127.
- Cook, M. 1992. *The Birds of Moray and Nairn*. The Mercat Press, Edinburgh.
- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Fisher, M. & Fisher, P. 2002. Glossy Ibis, South Nesting, Shetland, 2nd-14th October 2002 - the 3rd record for Shetland. *Birding Scotland* 5: 188-189.
- Griffin, M. 1997. Glossy Ibis at Musselburgh. *Lothian Bird Report* 1995: 112.
- Harris, C.K. 1913. Glossy Ibis in Argyll. *Scottish Naturalist* 1913: 284.
- Kirk, C. 1903a. Glossy Ibis in Islay. *Annals of Scottish Natural History* 1903: 50.
- Laidlaw, T.G. 1904. Roller, Glossy Ibis and Spotted Crake in Perthshire. *Annals of Scottish Natural History* 1904: 55.
- MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
- Macleay, W. 1903. Glossy Ibises in Scotland. *Annals of Scottish Natural History* 1903: 186.
- McKinnon, M. 1959. Glossy Ibis in Tiree. *Scottish Birds* 1: 66.
- Oliver, J.D. 1963. Glossy Ibis in south-east Sutherland. *Scottish Birds* 2: 364.
- Phillips, I.M. 1997. *Rare and Scarce Birds in North East Scotland*. I.M. Phillips, Cove.
- Robinson, H.W. 1908. Flock of the Glossy Ibis in Orkney. *Annals of Scottish Natural History* 1908: 50.
- Saxby, T.E. 1921. Glossy Ibis in Unst, Shetland. *Scottish Naturalist* 1921: 10.
- Sim, G. 1881. Occurrence of rare birds. *Scottish Naturalist* 6: 13.
- Steel, A. 1903. Glossy Ibis in Roxburghshire. *Annals of Scottish Natural History* 1903: 49.
- Yarrell, W. 1845. *A History of British Birds*. 2nd Edition. Three volumes. Van Voorst, London.

105 Eurasian Spoonbill (15)

- Baikie, W.B. & Heddle, R. 1848. *Naturalis Orcadensis. Zoology. Part I. Being a Catalogue of the Mammalia and Birds hitherto Observed in the Orkney Islands*. J. & W. Patterson, Edinburgh.

- Baxter, P.A.A. 2000. Colour-ringed Spoonbill at Loch of Strathbeg 1999. *North-East Scotland Bird Report* 1999: 122.
- Brown, A. & Grice, P. 2005. *Birds in England*. T. & A.D. Poyser, London.
- Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
- Edward, T. 1854. The birds of Strathbeg and its neighbourhood, with a few remarks upon their habits, etc. *Naturalist* 4: 239-247, 263-271.
- Fairlamb, D. 2000. Spoonbills create a stir. *Scottish Bird News* 59: 1.
- Manson, D. 1962. Spoonbills in Dumfries-shire. *Scottish Birds* 2: 242-243.
- Mullens, W.H. 1912. Robert Sibbald and his Prodromus. *British Birds* 6: 34-57.
- Ogilvie, M. & the Rare Breeding Birds Panel. 2000. Rare breeding birds in the United Kingdom in 1998. *British Birds* 93: 358-393.
- Ogilvie, M. & the Rare Breeding Birds Panel. 2001. Rare breeding birds in the United Kingdom in 1999. *British Birds* 94: 344-381.
- Ogilvie, M. & the Rare Breeding Birds Panel. 2002. Rare breeding birds in the United Kingdom in 2000. *British Birds* 95: 542-582.
- Ogilvie, M. & the Rare Breeding Birds Panel. 2003. Rare breeding birds in the United Kingdom in 2001. *British Birds* 96: 476-519.
- Palmer, J.R., Palmer, P.M., Alder, L.P., Campbell, J.W. & Thom, V.M. 1965. Spoonbills in Perthshire and Moray. *Scottish Birds* 3: 310-311.
- Sibbald, R. 1684. *Scotia Illustrata, sive Prodromus Historia Naturalis*. J. Kniblo, J. Solingensis & J. Colmarii, Edinburgh.
- Turnbull, W.P. 1867. *The Birds of East Lothian and a Portion of the Adjoining Counties*. 2nd Edition. Privately published, Glasgow.

106 European Honey-buzzard (22)

- Bijsma, R.G. 1993. *Ecologische Atlas van de Nederlandse Roofvogels [Ecological Atlas of Dutch Raptors]*. Schuyt & Co., Haarlem.
- Dennis, R.H. 2004. Honey Buzzards. www.roydennis.org/honeybuzzard.htm. Accessed on 31 August 2006.
- Draulans, D. 1984. On the colonisation of a new breeding area by Honey Buzzards, *Pernis apivorus*. *Gerfaut* 74: 393-397.
- Evans, A.H. 1911a. *A Fauna of the Tweed Area*. David Douglas, Edinburgh.
- Ferguson-Lees, J. & Christie, D.A. 2001. *Raptors of the World*. Christopher Helm, London.
- Fraser, P.A. & Rogers, M.J. 2002. Report on scarce migrant birds in Britain in 2000. *British Birds* 95: 606-630.
- Gantlett, S. & Millington, R. 2000. Honey Buzzards in September 2000. *Birding World* 13: 363-364.
- Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.
- Grierson, J. 1962. A check-list of the birds of Tentsmuir, Fife. *Scottish Birds* 2: 113-164.
- Harvey, M. 2005. Honey-buzzards in Britain. *British Birds* 98: 489-490.
- Harvey, M.I. 1973. Honey Buzzard in Inverness-shire. *Scottish Birds* 7: 309.
- Harvie-Brown, J.A. & Buckley, T.E. 1895. *A Vertebrate Fauna of the Moray Basin*. Two volumes. David Douglas, Edinburgh.
- Hudson, R. 1973. *Early and Late Dates for Summer Migrants*. BTO Field Guide No. 15. BTO, Tring.
- Irons, A. 1980. *Breeding of the Honey Buzzard (Pernis apivorus) in Nottinghamshire*. Trent Valley Bird Watchers & Nottinghamshire's Ornithological Society, Derby.
- Knight, E., Smout, A.-M. & Smout, T.C. 1959. Honey Buzzard in Mull. *Scottish Birds* 1: 148-149.
- MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
- MacGillivray, W. 1855. *The Natural History of Deeside and Braemar*. Privately published, London.
- Ogilvie, M.A. 2003. European Honey-buzzards in the UK – correction to breeding totals. *British Birds* 96: 145.
- Roberts, S.J. & Coleman, M. 2001. Some observations on the diet of European Honey-buzzards in Britain. *British Birds* 94: 433-436.
- Roberts, S.J., Lewis, J.M.S. & Williams, I.T. 1999. Breeding European Honey-buzzards in Britain. *British Birds* 92: 326-345.
- Service, R. 1901. Zoological notes from Solway. *Annals of Scottish Natural History* 1901: 79-81.
- Sim, G. 1903. *The Vertebrate Fauna of 'Dee'*. Wyllie, Aberdeen.

107 Black Kite (10)

- Balfour, E. 1970. Black Kite in Orkney. *Scottish Birds* 6: 38-39.
- Balfour, E., Joy, G.D. & Carins, M. 1966. Black Kite in Orkney and Shetland. *Scottish Birds* 4: 295-296.
- Ferguson-Lees, J. & Christie, D.A. 2001. *Raptors of the World*. Christopher Helm, London.
- Gillon, K. & Davison, C.N. 1997. Black Kite at Belhaven Bay. *Lothian Bird Report* 1995: 111.
- McNee, A.F. 2003. Nightingale and Black Kite - a north mainland bonanza! *Birding Scotland* 6: 132-133.
- Meiklejohn, M.F.M. 1971b. Black Kite in Orkney. *Scottish Birds* 6: 331-332.

- Rogers, M.J. & the Rarities Committee. 2003. Report on rare birds in Great Britain in 2002. *British Birds* 96: 542-609.
- Sim, G. 1901. On the occurrence of the Black Kite (*Milvus migrans*) at Aberdeen. *Annals of Scottish Natural History* 1901: 133.
- Sim, G. 1903. *The Vertebrate Fauna of 'Dee'*. Wyllie, Aberdeen.
- Stevenson, A. & McEwan, P. 1995. Black Kite, Pinwherry, 6 June 1994. *Ayrshire Bird Report* 1994: 67-68.

108 Red Kite (21)

- Barron, J. 1907. *The Northern Highlands in the Nineteenth Century: newspaper index and annals. Volume II. 1825-41.* Robert Carruthers & Sons, Inverness.
- Carter, I. 2001. *The Red Kite*. Arlequin Press, Chelmsford.
- Cooper, B. & Swan, J.H. 1969. Kites in west Sutherland and Kinross-shire. *Scottish Birds* 5: 381.
- Davis, P.E. & Davis, J.E. 1981. The food of the Red Kite in Wales. *Bird Study* 28: 33-40.
- Evans, I.M., Dennis, R.H., Orr-Ewing, D.C., Kjellen, N., Andersson, P.-O., Sylvén, M., Senosiain, A. & Carbo, F.C. 1997. The re-establishment of the Red Kite breeding populations in Scotland and England. *British Birds* 90: 123-138.
- Evans, I.M. & Pienkowski, M.W. 1991. World status of the Red Kite. *British Birds* 84: 171-187.
- Evans, I.M., Summers, R.W., O'Toole, L., Orr-Ewing, D.C., Evans, R., Snell, N. & Smith, J. 1999. Evaluating the success of translocating Red Kites *Milvus milvus* to the UK. *Bird Study* 46: 129-144.
- Ferguson-Lees, J. & Christie, D.A. 2001. *Raptors of the World*. Christopher Helm, London.
- Harvie-Brown, J.A. & Macpherson, H.A. 1904. *A Fauna of the North-west Highlands and Skye*. David Douglas, Edinburgh.
- Jardine, W. 1838. [The Kite]. *The Naturalist's Library (Ornithology)* 9: 218-221.
- McGhie, H.A. & Moran, S.A. 1998. Last breeding by native Red Kites in Scotland. *Scottish Birds* 19: 300-301.
- More, A.G. 1865. On the distribution of birds in Great Britain during the nesting-season. *Ibis* 1865: 1-27, 119-142, 425-458.
- Newton, I., Davis, P.E. & Davis, J.E. 1989b. Age of first breeding, dispersal and survival of Red Kites *Milvus milvus* in Wales. *Ibis* 131: 16-21.
- O'Toole, L., Orr-Ewing, D.C., Stubbe, M., Schönbrodt, R. & Bainbridge, I. 2000. Interim report on the translocation of red kites *Milvus milvus* from Germany to Central Scotland. *Populationsökologie Greifvögel- und Eulenarten* 4: 233-242.
- Orr-Ewing, D.C., Duffy, K., O'Toole, L., Stubbe, M. & Schönbrodt, R. 2004. Final report on the translocation of Red Kites *Milvus milvus* from Germany to central Scotland. *Populationsökologie Greifvögel- und Eulenarten* 5.
- Orr-Ewing, D.C., O'Toole, L., Etheridge, B. & Duffy, K. 1991-2003. *RSPB Red Kite Newsletters*. RSPB, Inverness.
- Stephen, G. 1970. Kites in Angus. *Scottish Birds* 6: 37-38.
- Weir, D.N. 1973a. Winter range of a Red Kite in east Inverness-shire. *Scottish Birds* 7: 257-258.
- Wildman, L., O'Toole, L. & Summers, R.W. 1998. The diet and foraging behaviour of the Red Kite in northern Scotland. *Scottish Birds* 19: 134-140.
- Wotton, S.R., Carter, I., Cross, A.V., Etheridge, B., Snell, N., Duffy, K., Thorpe, R. & Gregory, R.D. 2002b. Breeding status of the Red Kite *Milvus milvus* in Britain in 2000. *Bird Study* 49: 278-286.
- Wynne-Edwards, V.C. 1958a. Kite in Aberdeenshire. *Scottish Birds* 1: 11-12.

109 White-tailed Eagle (22)

- Bainbridge, I.P., Evans, R.J., Broad, R.A., Crooke, C.H., Duffy, K., Green, R.E., Love, J.A. & Mudge, G.P. 2003. Re-introduction of white-tailed eagles (*Haliaeetus albicilla*) to Scotland. In: Thompson, D.B.A., Redpath, S.M., Fielding, A.H., Marquiss, M. & Galbraith, C.A. (eds) *Birds of Prey in a Changing Environment*. pp 393-406. The Stationery Office, Edinburgh.
- Carrick, R. & Waterston, G. 1939. The birds of Canna. *Scottish Naturalist* 1939: 5-22.
- Dennis, R.H. 1968. Sea Eagles. *Fair Isle Bird Observatory Report* 22: 17-21.
- Dennis, R.H. 1969b. Sea Eagles. *Fair Isle Bird Observatory Report* 23: 23-29.
- Evans, R.J., Broad, R.A., Duffy, K., MacLennan, A.M., Bainbridge, I.P. & Mudge, G.P. 2003b. Re-establishment of a breeding population of white-tailed eagles in Scotland. In: Helander, B., Marquiss, M. & Bowerman, W. (eds) *Sea Eagle 2000. Proceedings from an international conference at Björkö, Sweden, 13-17 September 2000*. pp 289-295. Swedish Society for Nature Conservation/SNF, Stockholm.
- Ferguson-Lees, J. & Christie, D.A. 2001. *Raptors of the World*. Christopher Helm, London.
- Fisher, J. 1966a. *The Shell Bird Book*. Edbury Press and Michael Joseph, London.
- Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.
- Gordon, S. 1927b. White-tailed Eagle in Inverness-shire. *British Birds* 21: 96.
- Green, R.E., Pienkowski, M.W. & Love, J.A. 1996. Long-term viability of the re-introduced population of the white-tailed eagle *Haliaeetus albicilla* in Scotland. *Journal of Applied Ecology* 33: 357-368.
- Hedges, J.W. 1984. *Tomb of the Eagles*. John Murray, London.

- Love, J.A. 1983. *The Return of the Sea Eagle*. Cambridge University Press, Cambridge.
- Love, J.A. 1988. *The reintroduction of the white-tailed sea eagle to Scotland 1975-1987*. Research and Survey in Nature Conservation 12. Nature Conservancy Council, Peterborough.
- Love, J.A. 2003. A history of the white-tailed sea eagle in Scotland. In: Helander, B., Marquiss, M. & Bowerman, W. (eds) *Sea Eagle 2000. Proceedings from an international conference at Björkön, Sweden, 13-17 September 2000*. pp 39-50. Swedish Society for Nature Conservation/SNF, Stockholm.
- Madders, M. & Marquiss, M. 2003. A comparison of the diet of white-tailed eagles and golden eagles breeding in adjacent ranges in West Scotland. In: Helander, B., Marquiss, M. & Bowerman, W. (eds) *Sea Eagle 2000. Proceedings from an international conference at Björkön, Sweden, 13-17 September 2000*. pp 397-403. Swedish Society for Nature Conservation/SNF, Stockholm.
- Marquiss, M., Madders, M. & Carss, D.N. 2003b. White-tailed eagles and lambs, predation or scavenging? In: Helander, B., Marquiss, M. & Bowerman, W. (eds) *Sea Eagle 2000. Proceedings from an international conference at Björkön, Sweden, 13-17 September 2000*. pp 297-305. Swedish Society for Nature Conservation/SNF, Stockholm.
- Pennie, I.D. 1942. White-tailed Eagle in Kincardineshire. *British Birds* 36: 113.
- Sandeman, P.W. 1965. Attempted reintroduction of White-tailed Eagle to Scotland. *Scottish Birds* 3: 411.
- Waterston, G. 1936. Bird notes from Fair Isle. *Scottish Naturalist* 1936: 61-64.
- Watson, J., Leitch, A.F. & Broad, R.A. 1992a. The diet of the Sea Eagle *Haliaeetus albicilla* and Golden Eagle *Aquila chrysaetos* in western Scotland. *Ibis* 134: 27-31.
- Whitfield, D.P., Evans, R.J., Broad, R.A., Fielding, A.H., Haworth, P.F., Madders, M. & Macleod, D.R.A. 2002. Are reintroduced White-tailed Eagles in competition with Golden Eagles? *Scottish Birds* 23: 36-45.
- Yeaman, J.A. 1932. White-tailed Eagle in Mull. *Scottish Naturalist* 1932: 8.

110 Eurasian Marsh Harrier (14)

- Anon. 2004a. Raptor Round Up 2002. *Scottish Birds* 24 (supplement): 1-25.
- Dennis, R.H. 2005. Marsh Harrier. www.roydennis.org/marshharrier.htm. Accessed on 28 September 2006.
- Dickson, R.C. 1985. Interaction between Marsh Harrier and Roe Deer. *Scottish Birds* 13: 270.
- Ferguson-Lees, J. & Christie, D.A. 2001. *Raptors of the World*. Christopher Helm, London.
- Grierson, J. 1962. A check-list of the birds of Tentsmuir, Fife. *Scottish Birds* 2: 113-164.
- Hardey, J. 2003. Raptor Round Up 2000 and 2001. *Scottish Birds* 24 (supplement): 1-27.
- Hogg, R.H. 1999. Marsh Harrier breeding in Ayrshire. *Ayrshire Bird Report* 1998: 5-10.
- Macmillan, A.T. 1968. Possible nesting of Marsh Harriers in Scotland. *Scottish Birds* 5: 25-26.
- Macmillan, A.T. 1969. Marsh Harriers summering in Scotland. *Scottish Birds* 5: 466-467.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- McMorran, P. 1961. Marsh Harrier in Caithness. *Scottish Birds* 1: 426-427.
- Moyes, S. & Moyes, J. 2001. Recent history of Eurasian Marsh Harriers (*Circus aeruginosus*) in the Tay Reedbeds. *Tay Ringing Group Report* 1998-2000: 8-14.
- Underhill-Day, J.C. 1984. Population and breeding biology of marsh harriers in Britain since 1900. *Journal of Applied Ecology* 21: 773-787.
- Watson, D., Richmond, W.K., Smith, A.J.M. & Maxwell, R. 1959. Marsh Harriers in Kirkcudbright, west Stirling and Aberdeen. *Scottish Birds* 1: 122-123.

111 Hen Harrier (22)

- Amar, A., Picozzi, N., Meek, E.R., Redpath, S.M. & Lambin, X. 2005. Decline of the Orkney Hen Harrier *Circus cyaneus* population: do changes to demographic parameters and mating system fit a declining food hypothesis? *Bird Study* 52: 18-24.
- Balfour, E. & Macdonald, M.A. 1970. Food and feeding behaviour of the Hen Harrier in Orkney. *Scottish Birds* 6: 157-166.
- Bibby, C.J. & Etheridge, B. 1993. Status of the Hen Harrier *Circus cyaneus* in Scotland in 1988-89. *Bird Study* 40: 1-11.
- Blake, E.A. 1976. The return of the Hen Harrier. *Forth Naturalist and Historian* 1: 21-38.
- Campbell, J.W. 1957a. The rarer birds of prey: their present status in the British Isles. Hen Harrier *Circus cyaneus*. *British Birds* 50: 143-146.
- Clarke, R. 1987. Roosting Hen Harriers and Merlin. *BTO News* 152: 8-9.
- Dickson, R.C. 1993a. Hen Harriers systematically testing flocks of Ring-necked Pheasants. *Scottish Birds* 17: 104.
- Etheridge, B., Holling, M., Thompson, D. & Riley, H. 2006. *Scottish Raptor Monitoring Scheme Report 2004*. Scottish Ornithologists' Club, Aberlady.
- Etheridge, B., Summers, R.W. & Green, R.E. 1997. The effects of illegal killing and destruction of nests by humans on the population dynamics of the hen harrier *Circus cyaneus* in Scotland. *Journal of Applied Ecology* 34: 1081-1105.
- Ferguson-Lees, J. & Christie, D.A. 2001. *Raptors of the World*. Christopher Helm, London.

- Green, R.E. & Etheridge, B. 1999. Breeding success of the hen harrier *Circus cyaneus* in relation to the distribution of grouse moors and the red fox *Vulpes vulpes*. *Journal of Applied Ecology* 36: 472-483.
- Meek, E.R. 1984b. Two female Hen Harriers at the same nest. *Scottish Birds* 13: 53.
- Meek, E.R., Rebecca, G.W., Ribbands, B. & Fairclough, K. 1998b. Orkney Hen Harriers: a major population decline in the absence of persecution. *Scottish Birds* 19: 290-298.
- Mitchell, S., Bain, D.J. & Thorogood, D. 1980. Communal roost of Hen Harriers. *Scottish Birds* 11: 117-119.
- Picozzi, N. 1978. Dispersion, breeding and prey of Hen Harrier (*Circus cyaneus*) in Glen Dye, Kincardineshire. *Ibis* 120: 498-504.
- Picozzi, N. 1983. Two hens, but a single nest: an unusual case of polygyny by Hen Harriers in Orkney. *British Birds* 76: 123-128.
- Picozzi, N. 1984. Breeding biology of polygynous hen harriers *Circus cyaneus* in Orkney, Scotland. *Ornis Scandinavica* 11: 1-11.
- Picozzi, N. & Cuthbert, M.F. 1982. Observations and food of Hen Harriers at a winter roost in Orkney. *Scottish Birds* 12: 73-80.
- Scottish Raptor Monitoring Group (SRMG). 2005. *Scottish Raptor Monitoring Group Report 2003*. Scottish Ornithologists' Club, Edinburgh.
- Sim, I.M.W., Dillon, I.A., Eaton, M.A., Etheridge, B., Lindley, P., Riley, H., Saunders, R., Sharpe, C. & Tickner, M. in press. Status of the Hen Harrier *Circus cyaneus* in the UK and the Isle of Man in 2004, and a comparison with the 1988/89 and 1998 surveys. *Bird Study*.
- Sim, I.M.W., Gibbons, D.W., Bainbridge, I.P. & Mattingley, W.A. 2001. Status of the Hen Harrier *Circus cyaneus* in the UK and the Isle of Man in 1998. *Bird Study* 48: 341-353.
- Watson, A.D. & Dickson, R.C. 1972. Communal roosting of Hen Harriers in southwest Scotland. *Scottish Birds* 7: 24-48.
- Watson, D. 1977. *The Hen Harrier*. T. & A.D. Poyser, Berkhamsted.

112 Pallid Harrier (13)

- British Ornithologists' Union (BOU). 1998. British Ornithologists' Union Records Committee: 24th Report (October 1997). *Ibis* 140: 182-184.
- Dymond, J.N. 1994. Pallid Harrier at Toab/Exnaboe, the first for the Shetland recording area. *Shetland Bird Report* 1993: 118-119.
- Fairclough, K. 1995. The Pallid Harrier in Orkney. *Birding World* 8: 253-255.
- Fairclough, K. 1996. The Orkney Pallid Harrier. *Orkney Bird Report* 1995.
- Ferguson-Lees, J. & Christie, D.A. 2001. *Raptors of the World*. Christopher Helm, London.
- Grimshaw, P.H. 1932. Pale Harrier at Fair Isle: first occurrence in Britain. *Scottish Naturalist* 1932: 1-2.
- Harrop, H. 1993. The Pallid Harrier in Shetland. *Birding World* 6: 397.
- Harrop, H. 1994. Pallid Harrier in Shetland: second Scottish record. *Scottish Birds* 17: 174-176.
- Harvey, P.V. 2001b. The Pallid Harrier on Shetland. *Birding World* 14: 374-375.
- Parkyn, S.G. 1965. Montagu's or Pallid Harrier in Shetland. *Scottish Birds* 3: 364-365.
- Riddington, R. & Harvey, P.V. 2003. Pallid Harrier at Sumburgh Head and Loch of Brow: third for SBC area, fourth Shetland record. *Shetland Bird Report* 2002: 101-102.
- Rogers, M.J. & the Rarities Committee. 2003. Report on rare birds in Great Britain in 2002. *British Birds* 96: 542-609.
- Waterston, G. 1966. [Obituary] George Stout. *Scottish Birds* 4: 255-256.

113 Montagu's Harrier (27)

- Anderson, A. 1963. Montagu's Harrier in Aberdeenshire. *Scottish Birds* 2: 478.
- Blake, E. 2001. Harriers over the heather. *Scottish Wildlife Trust Magazine* 3: 27-29.
- Blake, E. & Stephen, D. 1953. Montagu's Harriers. *Scottish Field* November 1953: 23-24.
- Blake, E.A. 1953. Montagu's Harriers breeding in Scotland. *Edinburgh Bird Bulletin* 3: 63.
- Blake, E.A. 1977. The Montagu's Harrier breeding in Scotland. *Forth Naturalist and Historian* 2: 3-29.
- British Ornithologists' Union (BOU). 1971. *The Status of Birds in Britain and Ireland*. Blackwell Scientific Publications, Oxford.
- Clarke, R. 1996. *Montagu's Harrier*. Arlequin Press, Chelmsford.
- Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
- Elliott, G. 1988. Montagu's Harrier conservation. *RSPB Conservation Review* 2: 20-21.
- Ferguson-Lees, J. & Christie, D.A. 2001. *Raptors of the World*. Christopher Helm, London.
- Forsman, D. 1999. *The Raptors of Europe and the Middle East: a handbook of field identification*. T. & A.D. Poyser, London.
- Gammell, A. 1979. The world situation of Montagu's Harrier. In: *Proceedings of the World Conference on Birds of Prey*. International Council for Bird Preservation, Macedonia.
- Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.

- Grantham, M. 2003. French-ringed Montagu's Harrier in Sutherland, October 2002. *Birding Scotland* 6: 57-58.
- Gray, M. 1997a. Montagu's Harrier on North Ronaldsay. *Orkney Bird Report* 1996: 76.
- Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
- Henderson, T. 1954. Rare spring visitors in Shetland. *Fair Isle Bird Observatory Bulletin* 2: 177-179.
- Leach, E.P. 1954. Montagu's Harrier nesting in south-west Scotland. *Scottish Naturalist* 1954: 41-42.
- Mackenzie, J.M.D. 1951. Montagu's Harrier near Perth. *Scottish Naturalist* 1951: 132.
- McWilliam, J.M. 1936. *The Birds of the Firth of Clyde*. H.F. & G. Witherby, London.
- Meiklejohn, M.F.M. & Palmar, C.E. 1952. Recent notes on the birds of the Clyde area, 1950. *Scottish Naturalist* 1952: 26-30.
- Parkyn, S.G. 1965. Montagu's or Pallid Harrier in Shetland. *Scottish Birds* 3: 364-365.
- Paterson, J. 1895. Montagu's Harrier in Lanarkshire. *Annals of Scottish Natural History* 1895: 252.
- Paton, E.R. & Pike, O.G. 1929. *The Birds of Ayrshire*. H.F. & G. Witherby, London.
- Thompson, W. 1849. *The Natural History of Ireland*. Volume 1. Reeve, Benham and Reeve, London.
- Thomson, W. 1949a. Montagu's Harrier in East Lothian. *Scottish Naturalist* 1949: 122.
- Thorpe, R.I. 1980. Montagu's Harrier in Sutherland. *Scottish Birds* 11: 84.

114 Northern Goshawk (18)

- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Ferguson-Lees, J. & Christie, D.A. 2001. *Raptors of the World*. Christopher Helm, London.
- Gray, R. 1870a. Letter on the occurrence in Scotland of *Astur astricapillus* and *Totanus chloropygius*. *Ibis* 1870: 291-292.
- Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
- Kenward, R.E., Marquiss, M. & Newton, I. 1981. What happens to goshawks trained for falconry. *Journal of Wildlife Management* 45: 802-806.
- Kjellén, N. 1998. Annual variation in numbers, age and sex ratios among migrating raptors at Falsterbo, Sweden from 1986-1995. *Journal für Ornithologie* 139: 157-172.
- Marquiss, M. 1981. The goshawk in Britain - its provenance and current status. In: Kenward, R.E. & Lindsay, I.M. (eds) *Understanding the Goshawk*. pp 43-57. The International Association for Falconry and Conservation of Birds of Prey, Oxford.
- Marquiss, M. & Legge, G. 2003. Northern Goshawks in North-East Scotland. *North-East Scotland Bird Report* 2002: 127-131.
- Marquiss, M. & Newton, I. 1982c. The Goshawk in Britain. *British Birds* 75: 243-260.
- Marquiss, M., Petty, S.J., Anderson, D.I.K. & Legge, G. 2003a. Contrasting population trends of the northern goshawk (*Accipiter gentilis*) in the Scottish/English Borders and north-east Scotland. In: Thompson, D.B.A., Redpath, S.M., Fielding, A.H., Marquiss, M. & Galbraith, C.A. (eds) *Birds of Prey in a Changing Environment*. pp 143-148. The Stationery Office, Edinburgh.
- Newton, I. 1972b. Birds of prey in Scotland: some conservation problems. *Scottish Birds* 7: 5-23.
- Petty, S.J. 1989b. *Goshawks: their status, requirements and management*. Forestry Commission Bulletin 81. HMSO, London.
- Petty, S.J. 1996a. History of the northern goshawk *Accipiter gentilis* in Britain. In: Holmes, J.S. & Simons, J.R. (eds) *The Introduction and Naturalisation of Birds*. pp 95-102. The Stationery Office, London.
- Petty, S.J. 1996b. *Reducing disturbance to Goshawks during the breeding season*. Research Information Note 267. Forestry Commission, Edinburgh.
- Petty, S.J. 2007. An unsuccessful attempt to establish Northern Goshawks in Argyll. *Scottish Birds* 27.
- Petty, S.J. & Anderson, D.I.K. 1996. *Population growth and breeding performance of goshawks in the English/Scottish borders during 1987-1996*. Forestry Commission (Northern Research Station), Edinburgh.
- Petty, S.J., Anderson, D.I.K., Davison, M., Little, B., Sherratt, T.N., Thomas, C.J. & Lambin, X. 2003. The decline of Common Kestrels *Falco tinnunculus* in a forested area of northern England: the role of predation by Northern Goshawks *Accipiter gentilis*. *Ibis* 145: 472-483.
- Rainier, I. 1975. Notes on the birds of Mid-Argyll. *The Western Naturalist* 4: 95-113.

115 Eurasian Sparrowhawk (35)

- Anon. 2004a. Raptor Round Up 2002. *Scottish Birds* 24 (supplement): 1-25.
- Ashmole, N.P. 1987. Sparrowhawk caching and returning repeatedly to prey. *Scottish Birds* 14: 182-183.
- Broadley, B.J. 1985b. Unusual method of killing prey by Sparrowhawk. *Scottish Birds* 13: 268.
- Cinderey, R.N. 2003. Female Eurasian Sparrowhawk killing prey. *Scottish Birds* 24: 41.
- Cooper, J.M. 1988. Sparrowhawk specialising on Swifts. *Scottish Birds* 15: 46.
- da Prato, E.S. 1977. Sparrowhawk taking Sedge Warbler from a ringer's hand. *Scottish Birds* 9: 381.
- Dickson, R.C. 1998b. Hunting times of Sparrowhawks in the non breeding season. *Scottish Birds* 19: 174-175.
- Dickson, R.C. 2005. Little Egret attacked by Eurasian Sparrowhawk. *Scottish Birds* 25: 56.
- Etheridge, B., Holling, M., Thompson, D. & Riley, H. 2006. *Scottish Raptor Monitoring Scheme Report 2004*. Scottish

- Ornithologists' Club, Aberlady.
- Hardey, J. 2003. Raptor Round Up 2000 and 2001. *Scottish Birds* 24 (supplement): 1-27.
- Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
- Hood, D. 2002. Female Eurasian Sparrowhawk killing prey. *Scottish Birds* 23: 53.
- Jones, A.M. 1987a. Hen Sparrowhawk taking Rabbit carrion. *Scottish Birds* 14: 210-211.
- Lambin, X. 1995. Sparrowhawk forced to land in sea. *Scottish Birds* 18: 103.
- Macdonald, D. 1960a. Female Sparrowhawk attacking intruder at nest. *Scottish Birds* 1: 185-186.
- Marquiss, M. & Newton, I. 1982a. A radio-tracking study of the ranging behaviour and dispersion of European sparrowhawks *Accipiter nisus*. *Journal of Animal Ecology* 51: 111-133.
- Marquiss, M. & Newton, I. 1982b. Habitat preference in male and female Sparrowhawks *Accipiter nisus*. *Ibis* 124: 324-328.
- McGrady, M.J. 1991. *The ecology and breeding behaviour of urban Sparrowhawks (Accipiter nisus) in Edinburgh, Scotland*. Unpublished Ph D, University of Edinburgh.
- Moore, R.P. 1997. Interaction between Sparrowhawk and Jackdaw near Newtonmore, Highland. *Scottish Birds* 19: 125.
- Needle, K., Hintjens, K. & Dougall, T.W. 2001. Female Eurasian Sparrowhawk killing prey. *Scottish Birds* 22: 104.
- Newton, I. 1986. *The Sparrowhawk*. T. & A.D. Poyser, Calton.
- Newton, I. 1991. Habitat variation and population regulation in Sparrowhawks. *Ibis* 133 (supplement 1): 76-88.
- Newton, I. 1992. A 20 year study of Sparrowhawks in Eskdale. *Scottish Birds* 16: 231-235.
- Newton, I. 1993. Age and site fidelity in female Sparrowhawks *Accipiter nisus*. *Animal Behaviour* 446: 161-168.
- Newton, I. 2001. Causes and consequences of breeding dispersal in the Sparrowhawk *Accipiter nisus*. *Ardea* 89: (special issue) 143-154.
- Newton, I. & Marquiss, M. 1982. Fidelity to breeding area and mate in sparrowhawks *Accipiter nisus*. *Journal of Animal Ecology* 51: 327-341.
- Newton, I. & Marquiss, M. 1983. Dispersal of sparrowhawks between birthplace and breeding place. *Journal of Animal Ecology* 52: 463-477.
- Newton, I., Marquiss, M., Weir, D.N. & Moss, D. 1977. Spacing of Sparrowhawk nesting territories. *Journal of Animal Ecology* 46: 425-441.
- Newton, I. & Rothery, P. 2001. Estimation and limitation of numbers of floaters in a Eurasian Sparrowhawk population. *Ibis* 143: 442-449.
- Newton, I., Wyllie, I. & Mearns, R. 1986. Spacing of sparrowhawks in relation to food supply. *Journal of Animal Ecology* 55: 361-370.
- Scottish Raptor Monitoring Group (SRMG). 2005. *Scottish Raptor Monitoring Group Report 2003*. Scottish Ornithologists' Club, Edinburgh.
- Weir, D. & Weir, P. 1981. Sparrowhawks and heavy prey. *Scottish Birds* 11: 262-264.
- Weir, D.N. 1966b. Food of the Sparrowhawk on Speyside. *Scottish Birds* 4: 223-224.
- Wilson, J.D. & Weir, A.G. 1989. Hunting behaviour and attack success of a female Sparrowhawk between October 1987 and April 1988. *Scottish Birds* 15: 126-130.
- Young, J.G. 1994. Sparrowhawk exploiting a Sand Martin colony. *Scottish Birds* 17: 236.

116 Common Buzzard (38)

- Andrew, D.G. 1968b. Buzzards breeding in Aberdeenshire and north Kincardineshire. *Scottish Birds* 5: 24-25.
- Austin, G.E. & Houston, D.C. 1997a. Nest site selection by Buzzards in mid Argyll. *Scottish Birds* 19: 55-57.
- Austin, G.E. & Houston, D.C. 1997b. The breeding performance of the Buzzard *Buteo buteo* in Argyll, Scotland and a comparison with other areas in Britain. *Bird Study* 44: 146-154.
- Balfour, E. 1967. Buzzards breeding in Orkney. *Scottish Birds* 4: 447.
- Clements, R. 2002. The Common Buzzard in Britain: a new population estimate. *British Birds* 95: 377-383.
- Crosthwaite, G.M. 1966. Buzzard breeding in Clackmannanshire. *Scottish Birds* 4: 264.
- Dickson, R.C. 1993b. Buzzards copulating just before roosting. *Scottish Birds* 17: 105.
- Dickson, R.C. 1997a. Buzzard robbing juvenile Peregrine of prey. *Scottish Birds* 19: 124-125.
- Dickson, R.C. 1998a. Common Buzzards cartwheeling during a food pass. *Scottish Birds* 19: 166.
- Duncan, J.M. & Cooper, G.F.A. 1995. Buzzard's interaction with stoat. *Scottish Birds* 18: 57-58.
- Elliott, G.D. & Avery, M.I. 1991. A review of reports of Buzzard persecutions 1975-1989. *Bird Study* 38: 52-56.
- Fielding, A.H., Haworth, P.F., Morgan, D.H., Thompson, D.B.A. & Whitfield, D.P. 2003. The impact of golden eagles (*Aquila chrysaetos*) on a diverse bird of prey assemblage. In: Thompson, D.B.A., Redpath, S.M., Fielding, A.H., Marquiss, M. & Galbraith, C.A. (eds) *Birds of Prey in a Changing Environment*. pp 221-244. The Stationery Office, Edinburgh.
- Graham, I.M., Redpath, S.M. & Thirgood, S.J. 1995. The diet and breeding density of Common Buzzards *Buteo buteo* in relation to indices of prey abundance. *Bird Study* 42: 165-173.
- Halley, D.J. 1993. Population changes and territorial distribution of Common Buzzards *Buteo buteo* in the Central Highlands, Scotland. *Bird Study* 40: 24-30.
- Holling, M. 2003. Buzzards (*Buteo buteo*) on the increase in Lothian and Borders, Scotland. In: Thompson, D.B.A., Redpath, S.M., Fielding, A.H., Marquiss, M. & Galbraith, C.A. (eds) *Birds of Prey in a Changing*

- Environment*. pp 173-178. The Stationery Office, Edinburgh.
- Jardine, D.C. 1989. How many Buzzards are there in Argyll? An estimate based upon the 1988 atlas returns. *Argyll Bird Report* 5: 46-47.
- Jardine, D.C. 2003. Buzzards (*Buteo buteo*) on Colonsay 1990-2000: numbers and breeding performance. In: Thompson, D.B.A., Redpath, S.M., Fielding, A.H., Marquiss, M. & Galbraith, C.A. (eds) *Birds of Prey in a Changing Environment*. pp 179-182. The Stationery Office, Edinburgh.
- Jenkins, D. 1984b. Common Buzzard eating dead salmon. *Scottish Birds* 13: 88.
- MacNally, L. 1962. Food at a Buzzards' nest. *Scottish Birds* 2: 196-198.
- MacNally, L. 1964a. Food at a Buzzards' nest. *Scottish Birds* 3: 26-27.
- Maguire, E.J. 1979. Notes on the breeding Buzzards in Kintyre. *The Western Naturalist* 8: 3-13.
- Mitchell, J. 1984. Common Buzzards feeding on fish carrion at Loch Lomond. *Scottish Birds* 13: 118.
- Moore, N.W. 1957. The past and present status of the Buzzard in the British Isles. *British Birds* 50: 173-197.
- Murray, J.B. 1970. Escaped American Red-tailed Hawk nesting with Buzzard in Midlothian. *Scottish Birds* 6: 34-37.
- Mylne, M. 1962b. A Buzzard lost in Edinburgh. *Scottish Birds* 2: 30.
- Park, K.L., Calladine, J.R., Graham, K.E., Stephenson, C.M. & Wernham, C.V. 2005. *The Impacts of Predatory Birds on Waders, Songbirds, Gamebirds and Fisheries Interests*. A report by BTO & Stirling University to Scotland's Moorland Forum.
- Phillips, I.M. & Cronin, C. 1998. Short note on the range expansion of Common Buzzard in North-East Scotland. *North-East Scotland Bird Report* 1997: 110-111.
- Picozzi, N. & Weir, D.N. 1974. The breeding biology of the Buzzard in Speyside. *British Birds* 67: 199-210.
- Picozzi, N. & Weir, D.N. 1976. Dispersal and causes of death of Buzzards. *British Birds* 69: 193-201.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- RSPB. 2005. *Persecution: a review of bird of prey persecution in 2004*. RSPB Scotland, Edinburgh.
- Sargent, D. 1992. Unusual Buzzard nest sites in Glen Roy. *Scottish Birds* 16: 286-287.
- Swann, R.L. & Etheridge, B. 1995. A comparison of breeding success and prey of the Common Buzzard *Buteo buteo* in two areas of northern Scotland. *Bird Study* 42: 37-43.
- Swann, R.L. & Leitch, A.R. 1976. Buzzard taking Manx Shearwater at night. *Scottish Birds* 9: 69.
- Taylor, K., Hudson, R. & Horne, G. 1988a. Buzzard breeding distribution and abundance in Britain and Northern Ireland in 1983. *Bird Study* 35: 109-118.
- Tewnion, A. 1965. Buzzard breeding in Clackmannanshire. *Scottish Birds* 3: 410-411.
- Towhill, J. 1999. Interlocking of talons between Common Buzzards. *Scottish Birds* 20: 40.
- Weir, D. & Picozzi, N. 1983. Dispersion of Buzzards in Speyside. *British Birds* 76: 66-78.

117 Rough-legged Buzzard (10)

- Brown, A. & Grice, P. 2005. *Birds in England*. T. & A.D. Poyser, London.
- Evans, A.H. 1911a. *A Fauna of the Tweed Area*. David Douglas, Edinburgh.
- Evans, W. 1904. Rough-legged Buzzards in the Lothians, etc. *Annals of Scottish Natural History* 1904: 56-57.
- Ferguson-Lees, J. & Christie, D.A. 2001. *Raptors of the World*. Christopher Helm, London.
- Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.
- Lönnberg, E. 1927. Sweden to Britain - migration of a Rough-legged Buzzard. *Scottish Naturalist* 1927: 63.
- MacNally, L. & Dennis, R.H. 1961. Rough-legged Buzzard in Inverness-shire. *Scottish Birds* 1: 426.
- Roy, I.B. & Skene, W.M. 1960. Rough-legged Buzzard in East Lothian. *Scottish Birds* 1: 328-329.
- Scott, R.E. 1968. Rough-legged Buzzards in Britain in the winter of 1966/67. *British Birds* 61: 449-455.
- Scott, R.E. 1978. Rough-legged Buzzards in Britain in 1973/74 and 1974/75. *British Birds* 71: 325-338.

118 Golden Eagle (49)

- Barron, J. 1907. *The Northern Highlands in the Nineteenth Century: newspaper index and annals. Volume II. 1825-41*. Robert Carruthers & Sons, Inverness.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Brown, L.H. & Watson, A. 1964. The Golden Eagle in relation to its food supply. *Ibis* 106: 78-100.
- Corkhill, P. 1980. Golden Eagles on Rhum. *Scottish Birds* 11: 33-44.
- Crane, K. & Nellist, K. 1999. *Island Eagles*. Cartwheeling Press, Glenbrittle.
- Dennis, R.H., Ellis, P.M., Broad, R.A. & Langslow, D.R. 1984. The status of the Golden Eagle in Britain. *British Birds* 77: 592-607.
- Eaton, M.A., Dillon, I., Stirling-Aird, P.K. & Whitfield, D.P. 2007. The status of the Golden Eagle *Aquila chrysaetos* in Britain in 2003. *Bird Study*.
- Everett, M.J. 1971a. The Golden Eagle survey in Scotland in 1964-68. *British Birds* 64: 49-56.
- Gordon, A. & Gregory, M.J.P. 1973. Golden Eagles rear three young. *Scottish Birds* 7: 408-413.
- Gordon, S. 1955. *The Golden Eagle - king of birds*. Collins, London.

- Grant, J.R. & McGrady, M.J. 1999. Dispersal of Golden Eagles *Aquila chrysaetos* in Scotland. *Ringing & Migration* 19: 169-174.
- Green, R.E. 1996a. The status of the Golden Eagle in Britain in 1992. *Bird Study* 43: 20-27.
- Harvie-Brown, J.A. & Macpherson, H.A. 1904. *A Fauna of the North-west Highlands and Skye*. David Douglas, Edinburgh.
- Houston, D. 1977. The effect of hooded crows on hill sheep farming in Argyll, Scotland: the food supply of hooded crows. *Journal of Applied Ecology* 14: 1-15.
- Leitch, A.F. 1986. *Report on eagle predation on lambs in the Glenelg area in 1986*. Unpublished report to Nature Conservancy Council, Inverness.
- Lockie, J.D. 1964. The breeding density of the Golden Eagle and Fox in relation to the food supply in Wester Ross, Scotland. *Scottish Naturalist* 1964: 66-77.
- Lockie, J.D. & Radcliffe, D.A. 1964. Insecticides and Scottish Golden Eagles. *British Birds* 57: 89-102.
- Lockie, J.D., Ratcliffe, D.A. & Balharry, R. 1969. Breeding success and organo-chlorine residues in golden eagles in west Scotland. *Journal of Applied Ecology* 6: 381-389.
- Love, J.A. 1983. *The Return of the Sea Eagle*. Cambridge University Press, Cambridge.
- Love, J.A. 1989. *Eagles*. Whittet, London.
- Love, J.A. 2003. A history of the white-tailed sea eagle in Scotland. In: Helander, B., Marquiss, M. & Bowerman, W. (eds) *Sea Eagle 2000. Proceedings from an international conference at Björkö, Sweden, 13-17 September 2000*. pp 39-50. Swedish Society for Nature Conservation/SNF, Stockholm.
- Love, J.A. & Watson, J. 1990. *The Golden Eagle*. Shire Publications, Princes Risborough.
- MacNally, L. 1964b. Some notes on Golden Eagle. *Scottish Birds* 3: 26.
- MacNally, L. 1977. *The Ways of an Eagle*. Collins, London.
- Madders, M. & Marquiss, M. 2003. A comparison of the diet of white-tailed eagles and golden eagles breeding in adjacent ranges in West Scotland. In: Helander, B., Marquiss, M. & Bowerman, W. (eds) *Sea Eagle 2000. Proceedings from an international conference at Björkö, Sweden, 13-17 September 2000*. pp 397-403. Swedish Society for Nature Conservation/SNF, Stockholm.
- Marquiss, M., Madders, M. & Cars, D.N. 2003b. White-tailed eagles and lambs, predation or scavenging? In: Helander, B., Marquiss, M. & Bowerman, W. (eds) *Sea Eagle 2000. Proceedings from an international conference at Björkö, Sweden, 13-17 September 2000*. pp 297-305. Swedish Society for Nature Conservation/SNF, Stockholm.
- Marquiss, M., Madders, M. & Cars, D.N. 2003c. White-tailed eagles (*Haliaeetus albicilla*) and Lambs (*Ovis aries*). In: Thompson, D.B.A., Redpath, S.M., Fielding, A.H., Marquiss, M. & Galbraith, C.A. (eds) *Birds of Prey in a Changing Environment*. pp 471-479. The Stationery Office, Edinburgh.
- Marquiss, M., Ratcliffe, D.A. & Roxburgh, R. 1985. The numbers, breeding success and diet of Golden Eagles in southern Scotland in relation to changes in land use. *Biological Conservation* 33: 1-17.
- Newton, I. & Galbraith, E.A. 1991. Organochlorines and mercury in the eggs of Golden Eagles *Aquila chrysaetos* from Scotland. *Ibis* 133: 115-120.
- Nicholson, E.M. 1957. The rarer birds of prey: their present status in the British Isles. *Golden Eagle Aquila chrysaetos*. *British Birds* 50: 131-135.
- Pout, A.C. 1998. Seasonal differences in pellet remains from Golden Eagles in the Isle of Harris. *Scottish Birds* 19: 239-243.
- Sandeman, P.W. 1957. The breeding success of Golden Eagles in the Southern Grampians. *Scottish Naturalist* 1957: 148-152.
- Scottish Raptor Monitoring Group (SRMG). 2005. *Scottish Raptor Monitoring Group Report 2003*. Scottish Ornithologists' Club, Edinburgh.
- Walker, D., McGrady, M., McCluskie, A., Madders, M. & McLeod, D.R. 2005. Resident Golden Eagle ranging behaviour before and after construction of a wind farm in Argyll. *Scottish Birds* 25: 24-40.
- Watson, A. 1957b. The breeding success of Golden Eagles in the north-east Highlands. *Scottish Naturalist* 1957: 153-159.
- Watson, A. & Morgan, N.C. 1964. Residues of organo-chlorine insecticides in a Golden Eagle. *British Birds* 57: 314-344.
- Watson, A., Payne, S. & Rae, R. 1989. Golden Eagles *Aquila chrysaetos*: land use and food in northeast Scotland. *Ibis* 131: 336-348.
- Watson, J. 1992c. Golden Eagle *Aquila chrysaetos* breeding success and afforestation in Argyll. *Bird Study* 39: 203-206.
- Watson, J. 1997c. *The Golden Eagle*. T. & A.D. Poyser, London.
- Watson, J., Fielding, A.H., Whitfield, D.P., Broad, R.A., Haworth, P.F., Nellist, K., Crane, K. & Macdonald, E.J. 2003. Golden eagle (*Aquila chrysaetos*) breeding performance in relation to climate in Western Scotland during the period 1981-2000. In: Thompson, D.B.A., Redpath, S.M., Fielding, A.H., Marquiss, M. & Galbraith, C.A. (eds) *Birds of Prey in a Changing Environment*. pp 149-162. The Stationery Office, Edinburgh.
- Watson, J., Langslow, D.R. & Rae, S.R. 1987. *The impact of land use on Golden Eagles in the Scottish Highland*. CSD Report No. 720. NCC, Peterborough.
- Watson, J., Leitch, A.F. & Broad, R.A. 1992a. The diet of the Sea Eagle *Haliaeetus albicilla* and Golden Eagle *Aquila*

- chrysaetos* in western Scotland. *Ibis* 134: 27-31.
- Watson, J., Rae, S.R. & Stillman, R. 1992b. Nesting density and breeding success of golden eagles in relation to food supply in Scotland. *Journal of Animal Ecology* 61: 543-550.
- Weir, D.N. 1973b. A case of lamb-killing by Golden Eagles. *Scottish Birds* 7: 293-301.
- Weir, D.N. 1985. Golden Eagles and lambs in Badenoch, Highland. *Scottish Birds* 13: 263-267.
- Whitfield, D.P., Evans, R.J., Broad, R.A., Fielding, A.H., Haworth, P.F., Madders, M. & Macleod, D.R.A. 2002. Are reintroduced White-tailed Eagles in competition with Golden Eagles? *Scottish Birds* 23: 36-45.
- Whitfield, D.P., Fielding, A.H., Gregory, M.J.P., Gordon, A.G., McLeod, D.R.A. & Haworth, P.F. 2007. Complex effects of habitat loss on Golden Eagles *Aquila chrysaetos*. *Ibis* 149: 26-36.
- Whitfield, D.P., Macleod, D.R.A., Fielding, A.H., Broad, R.A., Evans, R.J. & Haworth, P.F. 2001. The effects of forestry on golden eagles on the island of Mull, western Scotland. *Journal of Applied Ecology* 38: 1208-1220.
- Whitfield, D.P., Macleod, D.R.A., Watson, J., Fielding, A.H. & Haworth, P.A. 2003. The association of grouse moor in Scotland with the illegal use of poisons to control predators. *Biological Conservation* 114: 157-163.

119 Osprey (12)

- Brown, P. 1979. *The Scottish Ospreys*. Heinemann, London.
- Brown, P.E. & Waterston, G. 1962. *The Return of the Osprey*. Collins, London.
- Carss, D.N. & Brockie, K. 1994. Prey remains at Osprey nests in Tayside and Grampian, 1987-1993. *Scottish Birds* 17: 132-145.
- Dennis, R. & McPhie, F.A. 2003. Growth of the Scottish osprey (*Pandion haliaetus*) population. In: Thompson, D.B.A., Redpath, S.M., Fielding, A.H., Marquiss, M. & Galbraith, C.A. (eds) *Birds of Prey in a Changing Environment*. pp 163-172. The Stationery Office, Edinburgh.
- Dennis, R.H. 1987b. Osprey recolonisation. *RSPB Conservation Review* 1: 88-90.
- Dennis, R.H. 1991. *Ospreys*. Colin Baxter, Lanark.
- Dennis, R.H. 1995b. Ospreys *Pandion haliaetus* in Scotland - a study of recolonization. *Vogelwelt* 116: 193-196.
- Dennis, R.H. 2007. *Life of Ospreys*. Whittles, Caithness.
- Green, R. 1976. Breeding behaviour of Ospreys *Pandion haliaetus* in Scotland. *Ibis* 118: 476-490.
- McLeod, I.C. & Duncan, K. 1984. Prey of the Osprey (*Pandion haliaetus*) in North-east Scotland. *Grampian Ringing Group Report* 4: 12-20.
- Poole, A.F. 1989. *Ospreys: a natural and unnatural history*. Cambridge University Press, Cambridge.
- Waterston, G. 1959. Successful breeding of Ospreys on Speyside. *Scottish Birds* 1: 149-150.

120 Lesser Kestrel (5)

- BirdLife International. 1998. *Threatened Birds of the World*. Lynx Edicions, Barcelona.
- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Ferguson-Lees, J. & Christie, D.A. 2001. *Raptors of the World*. Christopher Helm, London.
- Rogers, M.J. & the Rarities Committee. 1995. Report on rare birds in Great Britain in 1994. *British Birds* 88: 493-558.
- Sim, G. 1898. Lesser Kestrel in Aberdeenshire. *Annals of Scottish Natural History* 1898: 51.
- Sim, G. 1903. *The Vertebrate Fauna of 'Dee'*. Wyllie, Aberdeen.

121 Common Kestrel (28)

- Adair, P. 1892b. The Short-eared Owl (*Asio accipitrinus*, Pallas) and the Kestrel (*Falco tinnunculus*, Linnaeus) in the vole plague districts. *Annals of Scottish Natural History* 1892: 219-231.
- Balfour, E. 1968b. Breeding birds of Orkney. *Scottish Birds* 5: 89-104.
- Booth, C.J. 2000a. The decline of the Kestrel as a breeding species in Orkney 1970-1999. *Orkney Bird Report* 1999: 90-93.
- Canham, M. 2003. Raptor monitoring in Highland & west Moray. *Highland Raptor Study Group Report* 2002: 17-18.
- Clements, R. 2002. The Common Buzzard in Britain: a new population estimate. *British Birds* 95: 377-383.
- Dickson, R.C. 1987b. Kestrels copulating in winter. *Scottish Birds* 14: 215.
- Fielding, A.H., Haworth, P.F., Morgan, D.H., Thompson, D.B.A. & Whitfield, D.P. 2003. The impact of golden eagles (*Aquila chrysaetos*) on a diverse bird of prey assemblage. In: Thompson, D.B.A., Redpath, S.M., Fielding, A.H., Marquiss, M. & Galbraith, C.A. (eds) *Birds of Prey in a Changing Environment*. pp 221-244. The Stationery Office, Edinburgh.
- Greenwood, J.J.D., Crick, H.Q.P. & Bainbridge, I.P. 2003. Numbers and international importance of raptors and owls in Britain and Ireland. In: Thompson, D.B.A., Redpath, S.M., Fielding, A.H., Marquiss, M. & Galbraith, C.A. (eds) *Birds of Prey in a Changing Environment*. pp 25-50. The Stationery Office, Edinburgh.
- Macaulay Land Use Research Institute. 1993. *The Land Cover of Scotland 1988: Executive Summary*.
- MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
- Mead, C. 2000. *The State of the Nation's Birds*. Whittet Books, Stowmarket.
- Petty, S.J., Anderson, D.I.K., Davison, M., Little, B., Sherratt, T.N., Thomas, C.J. & Lambin, X. 2003. The decline of

- Common Kestrels *Falco tinnunculus* in a forested area of northern England: the role of predation by Northern Goshawks *Accipiter gentilis*. *Ibis* 145: 472-483.
- Picozzi, N. & Hewson, R. 1970. Kestrels, Short-eared Owls and Field Voles in Eskdalemuir in 1970. *Scottish Birds* 6: 185-191.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Rebecca, G. 1987. Alarm calling and aggressive feeding site defence by Kestrels. *Scottish Birds* 14: 186.
- Riddle, G. 1979. The Kestrel in Ayrshire. *Scottish Birds* 10: 201-216.
- Riddle, G. 1985. Kestrels attending oil installations in the North Sea. *North Sea Bird Club Report* 1985: 63-70.
- Riddle, G. 1986. Kestrel on Arran. *Arran Naturalist* 9: 4-12.
- Riddle, G. 1987. Variation in breeding output of Kestrel pairs in Ayrshire 1978-85. *Scottish Birds* 14: 138-145.
- Riddle, G. 1992. *Seasons with the Kestrel*. Blandford, London.
- Riddle, G. 1993. A 20 year study of Kestrels in Ayrshire. *Scottish Birds* 17: 9-13.
- Riddle, G. & Sheppard, G. 1999. Large Kestrel clutch sizes in south west Scotland 1997-98. *Scottish Birds* 20: 43.
- Shaw, G. & Riddle, G.S. 2003. Comparative responses of barn owl (*Tyto alba*) and kestrel (*Falco tinnunculus*) to vole cycles in South-West Scotland. In: Thompson, D.B.A., Redpath, S.M., Fielding, A.H., Marquiss, M. & Galbraith, C.A. (eds) *Birds of Prey in a Changing Environment*. pp 131-136. The Stationery Office, Edinburgh.
- Shrubb, M. 1993. *The Kestrel*. Hamlyn, London.
- Shrubb, M. 2003. Farming and birds: an historical perspective. *British Birds* 96: 158-177.
- Urquhart, L.A. 1959. Kestrel's assisted passage to Norway. *Scottish Birds* 1: 123-124.
- Village, A. 1982. The home range and density of kestrels in relation to vole abundance. *Journal of Animal Ecology* 51: 413-428.
- Village, A. 1990. *The Kestrel*. T. & A.D. Poyser, Calton.

122 American Kestrel (2)

- Ferguson-Lees, J. & Christie, D.A. 2001. *Raptors of the World*. Christopher Helm, London.
- Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.
- Taylor, A.M. 1981. American Kestrel: new to Britain and Ireland. *British Birds* 74: 199-203.

123 Red-footed Falcon (15)

- Barrow, R.K. & Balfour, E. 1968. Red-footed Falcon in Sutherland and Orkney. *Scottish Birds* 5: 210-216.
- Bremmer, R. 1963. Red-footed Falcon in Orkney. *Scottish Birds* 2: 422.
- Clarke, S.J., Henderson, M.J. & Long, D.G. 1961. Red-footed Falcon in Berwickshire. *Scottish Birds* 1: 492.
- Dennis, R.H. 1961. Red-footed Falcon in Inverness-shire. *Scottish Birds* 1: 451-453.
- Drummond-Hay, H.M. 1886. Report on the ornithology of the east of Scotland, from Fife to Aberdeenshire inclusive. *Scottish Naturalist* 8: 355-380.
- Ferguson-Lees, J. & Christie, D.A. 2001. *Raptors of the World*. Christopher Helm, London.
- Forsman, D. 1999. *The Raptors of Europe and the Middle East: a handbook of field identification*. T. & A.D. Poyser, London.
- Gibbins, C.N. & Rivers, S.L. 2003. Red-footed Falcons: the 2003 Aberdeenshire bird and a review of Scottish records. *Birding Scotland* 6: 159-161.
- Grierson, J. 1962. A check-list of the birds of Tentsmuir, Fife. *Scottish Birds* 2: 113-164.
- Nightingale, B. & Allsopp, K. 1994. Invasion of Red-footed Falcons in spring 1992. *British Birds* 87: 223-231.
- Phillips, I.M. 1997. *Rare and Scarce Birds in North East Scotland*. I.M. Phillips, Cove.
- Sim, G. 1897. Red-footed Falcon in Aberdeenshire. *Annals of Scottish Natural History* 1897: 251.
- Tulloch, R.J. 1965b. Red-footed Falcon in Shetland. *Scottish Birds* 3: 312-313.
- Tulloch, R.J. 1970b. Red-footed Falcon in Shetland. *Scottish Birds* 6: 39-40.
- Williamson, K. & Thom, V. 1955b. Red-footed Falcon at Fair Isle. *British Birds* 48: 542-543.

124 Merlin (46)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Bibby, C.J. & Nattrass, M. 1986. Breeding status of the Merlin in Britain. *British Birds* 79: 170-185.
- Clarke, R. 1987. Roosting Hen Harriers and Merlins. *BTO News* 152: 8-9.
- Cook, M. 1992. *The Birds of Moray and Nairn*. The Mercat Press, Edinburgh.
- Cosnette, B.L. 1991. Apparent bigamy in Merlins and co-operation of two females with large young. *North-East Scotland Bird Report* 1990: 65.
- Cosnette, B.L. & Rebecca, G.W. 1997. Breeding Merlins in Aberdeenshire during 1993-1996. *North-East Scotland Bird Report* 1996: 71-81.

- Crick, H.Q.P. 1993a. Trends in breeding success of Merlins (*Falco columbarius*) in Britain from 1937-1989. In: Nicholls, M.K. & Clarke, R. (eds) *Biology and Conservation of Small Falcons. Proceedings of 1st Hawk and Owl Trust International Conference, University of Kent, Canterbury, 1991.* Hawk & Owl Trust/Zoological Society of London.
- Crick, H.Q.P. 1993b. Studies of moorland birds: Merlins and Golden Plover. In: Andrews, J. & Carter, S.P. (eds) *Britain's Birds in 1990-91: the conservation and monitoring review.* BTO/JNCC, Thetford.
- Cunningham, P. 1983a. *The Birds of the Outer Hebrides: a guide to their status and distribution.* The Melven Press, Perth.
- Dickson, R.C. 1973. A Merlin roost in Wigtownshire. *Scottish Birds* 7: 288-292.
- Dickson, R.C. 1979. Food concealment by Merlins. *British Birds* 72: 118-119.
- Dickson, R.C. 1988. Habitat preferences and prey of Merlins in winter. *British Birds* 81: 269-274.
- Dickson, R.C. 1991. Aerial chases by Merlins in autumn and winter. *Scottish Birds* 16: 141-142.
- Dickson, R.C. 1995. Nest reliefs and feeding rates of Merlins. *Scottish Birds* 18: 20-23.
- Dickson, R.C. 2000b. Breeding success of Merlins in Galloway. *Scottish Birds* 21: 43-44.
- Dymond, J.N. 1991. *The Birds of Fair Isle.* Privately published.
- Ellis, P.M. & Okill, J.D. 1990. Breeding ecology of the Merlin *Falco columbarius* in Shetland. *Bird Study* 37: 101-110.
- Heavisides, A. 1987. British and Irish Merlin recoveries, 1911-1984. *Ringing & Migration* 8: 29-41.
- Heavisides, A., Poxton, I.R. & Barker, A.W. 1995. An analysis of prey taken by Merlins within the Lammermuir Hills, 1984-1994. *Scottish Birds* 18: 88-94.
- Macintyre, D. 1936. *Wild Life of the Highlands.* Allan, London.
- Macintyre, D. 1947. *Highland Naturalist Again: a gamekeeper's observations and discoveries.* Seeley, Service & Co, London.
- McMillan, R.L. 2005. *Skye Birds: an illustrated guide to the birds of Skye.* Skye-birds.com, Elgol.
- Meek, E.R. 1988. The breeding ecology and decline of the Merlin *Falco columbarius* in Orkney. *Bird Study* 35: 209-218.
- Newton, I., Bogan, J., Meek, E. & Little, B. 1982. Organochlorine compounds and shell-thinning in British Merlins *Falco columbarius.* *Ibis* 124: 328-335.
- Newton, I., Dale, L. & Little, B. 1999. Trends in organochlorine and mercurial compounds in the eggs of British Merlins *Falco columbarius.* *Bird Study* 46: 356-362.
- Newton, I. & Haas, M.B. 1988. Pollutants in Merlin eggs and their effects on breeding. *British Birds* 81: 258-269.
- Newton, I., Meek, E.R. & Little, B. 1978. Breeding ecology of the Merlin in Northumberland. *British Birds* 71: 376-398.
- Orchel, J.H. 1992. *Forest Merlins in Scotland: their requirements and management.* Hawk and Owl Trust, London.
- Paton, E.R. 1922. The share of male Merlin in feeding the young. *British Birds* 15: 276.
- Petty, S.J., Patterson, I.J., Anderson, D.I.K., Little, B. & Davison, M. 1995. Numbers, breeding performance, and diet of the sparrowhawk *Accipiter nisus* and merlin *Falco columbarius* in relation to cone crops and seed-eating finches. *Forest Ecology and Management* 79: 133-146.
- Prestatt, I. 1965. An enquiry into the recent breeding status of some of the smaller birds of prey and crows in Britain. *Bird Study* 12: 196-221.
- Rebecca, G. 1991. Short-eared Owl killing a Merlin on the nest. *North-East Scotland Bird Report* 1990: 73-74.
- Rebecca, G.W. 1992. Merlins breeding at the edge of a mature conifer plantation. *North-East Scotland Bird Report* 1991: 55-56.
- Rebecca, G.W. & Bainbridge, I.P. 1998. The breeding status of the Merlin *Falco columbarius* in Britain in 1993-94. *Bird Study* 45: 172-187
- Rebecca, G.W. & Cosnette, B.L. 2003. Long-term monitoring of breeding merlin (*Falco columbarius*) in Aberdeenshire, North-East Scotland 1980-2000. In: Thompson, D.B.A., Redpath, S.M., Fielding, A.H., Marquiss, M. & Galbraith, C.A. (eds) *Birds of Prey in a Changing Environment.* pp 183-200. The Stationery Office, Edinburgh.
- Rebecca, G.W., Cosnette, B.L., Duncan, A., Picozzi, N. & Catt, D.C. 1990. Hunting distance of breeding Merlins in Grampian indicated by ringed wader chicks taken as prey. *Scottish Birds* 16: 38-39.
- Rebecca, G.W., Cosnette, B.L., Hardey, J.J.C. & Payne, A.G. 1992. Status, distribution and breeding biology of the Merlin in north-east Scotland, 1980-1989. *Scottish Birds* 16: 165-183.
- Rebecca, G.W. & Payne, A.G. 1985. Breeding Merlins in North-east Scotland during 1983 and 1984. *North-East Scotland Bird Report* 1984: 48-53.
- Robertson, I.S. 1982. The origin of migrant Merlins on Fair Isle. *British Birds* 75: 108-111.
- Shaw, G. 1994a. *Forest edge Merlin survey 1993-1994.* Unpublished report. Galloway Forest Park Birds Project.
- Shaw, G. 1994b. Merlin chick killed by adder. *Scottish Birds* 17: 162.
- Sodhi, N.S., Oliphant, L.W., James, P.C. & Warkentin, I.G. 1993. Merlin (*Falco columbarius*). In: Poole, A. & Gill, F. (eds) *The Birds of North America.* Volume 44. The Academy of Natural Sciences & the American Ornithologists' Union, Philadelphia & Washington DC.
- Thompson, P.S., Thompson, M.L.P. & Thompson, D.B.A. 1989. Cliff nesting Merlins in north-west Sutherland. *Scottish Birds* 15: 183-184.
- Watson, A.D. & Dickson, R.C. 1972. Communal roosting of Hen Harriers in southwest Scotland. *Scottish Birds* 7: 24-

- Watson, J. 1979b. Food of Merlins nesting in young conifer forest. *Bird Study* 26: 253-258.
 Williamson, K. 1954c. The migration of the Icelandic Merlin. *British Birds* 47: 434-441.

125 Eurasian Hobby (21)

- Batten, L.A., Dennis, R.H., Prestt, I. & the Rare Breeding Birds Panel. 1979. Rare breeding birds in the United Kingdom in 1977. *British Birds* 72: 363-381.
 Burton, J.F. 1995. *Birds and Climate Change*. Christopher Helm, London.
 Chapman, A.H. 1999. *The Hobby*. Arlequin Press, Chelmsford.
 Clements, R. 2001. The Hobby in Britain: a new population estimate. *British Birds* 94: 402-408.
 Dawkins, R.C. 1960. Hobby in Inverness. *Scottish Birds* 1: 275.
 Dennis, R. 1995a. *The Birds of Badenoch and Strathspey*. 2nd Edition. Colin Baxter Photography, Grantown-on-Spey.
 Ferguson-Lees, J. & Christie, D.A. 2001. *Raptors of the World*. Christopher Helm, London.
 Fiuczynski, D. & Nethersole-Thompson, D. 1980. Hobby studies in England and Germany. *British Birds* 73: 275-295.
 Fuller, R.J., Baker, J.K., Morgan, R.A., Scroggs, R. & Wright, M. 1985. Breeding populations of the Hobby *Falco subbuteo* on farmland in the southern Midlands of England. *Ibis* 127: 510-516.
 Grimmett, R., Inskipp, C. & Inskipp, T. 1998. *Birds of the Indian Subcontinent*. Christopher Helm, London.
 Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
 MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
 Newton, E. 1889. Nesting of the Hobby in Scotland. *Zoologist* 47: 32.
 Ogilvie, M. & the Rare Breeding Birds Panel. 1994. Rare breeding birds in the United Kingdom in 1991. *British Birds* 87: 366-393.
 Ogilvie, M. & the Rare Breeding Birds Panel. 1995. Rare breeding birds in the United Kingdom in 1992. *British Birds* 88: 67-93.
 Ogilvie, M. & the Rare Breeding Birds Panel. 1996a. Rare breeding birds in the United Kingdom in 1993. *British Birds* 89: 61-91.
 Ogilvie, M. & the Rare Breeding Birds Panel. 1996b. Rare breeding birds in the United Kingdom in 1994. *British Birds* 89: 387-417.
 Parr, S.J. 1985. The breeding ecology and diet of the Hobby *Falco subbuteo* in southern England. *Ibis* 127: 60-73.
 Robson, C. 2000. *A Field Guide to the Birds of South-East Asia*. New Holland, London.
 Small, R. 1895. Hobby captured at sea off the Firth of Forth. *Annals of Scottish Natural History* 1895: 252.
 Spencer, R. & the Rare Breeding Birds Panel. 1993. Rare breeding birds in the United Kingdom in 1990. *British Birds* 86: 62-90.

126 Eleanor's Falcon (3)

- Ferguson-Lees, J. & Christie, D.A. 2001. *Raptors of the World*. Christopher Helm, London.
 Forsman, D. 1999. *The Raptors of Europe and the Middle East: a handbook of field identification*. T. & A.D. Poyser, London.
 Rogers, M.J. & the Rarities Committee. 1985. Report on rare birds in Great Britain in 1984. *British Birds* 78: 529-589.

127 Gyr Falcon (32)

- Anon. 1898. Iceland Falcon in Shetland. *Annals of Scottish Natural History* 1898: 182.
 Anon. 1969. Gyrfalcons in Shetland. *Scottish Birds* 5: 467.
 Baikie, W.B. & Heddle, R. 1848. *Naturalis Orcadensis. Zoology. Part I. Being a Catalogue of the Mammalia and Birds hitherto Observed in the Orkney Islands*. J. & W. Patterson, Edinburgh.
 Balfour, E., Sinclair, M. & Walker, F.J. 1967b. Gyrfalcons in Orkney and Shetland. *Scottish Birds* 4: 371-372.
 Bisshopp, C.H. 1905. Greenland Falcon in Inverness-shire. *Annals of Scottish Natural History* 1905: 183.
 Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
 Buckley, T.E. 1896b. Greenland Falcon in Shetland. *Annals of Scottish Natural History* 1896: 122.
 Buckley, T.E. 1896c. Greenland Falcon in Skye. *Annals of Scottish Natural History* 1896: 253.
 Buckley, T.E. 1897a. Greenland Falcon in Skye. *Annals of Scottish Natural History* 1897: 43.
 Buckley, T.E. 1900d. Greenland Falcon in Skye. *Annals of Scottish Natural History* 1900: 184.
 Buckley, T.E. 1901a. Greenland Falcon, Ivory Gull, and Waxwing in Scotland. *Annals of Scottish Natural History* 1901: 116.
 Clarke, W.E. 1908c. Greenland Falcon at the Flannan Islands. *Annals of Scottish Natural History* 1908: 183.
 Clarke, W.E. 1913b. Greenland Falcons at Scottish Islands. *Scottish Naturalist* 1913: 116.
 Doyle, P. 1999. Immature female white-phase Gyrfalcon. *Birding Scotland* 2 (2): back cover.
 Elliott, R.E. 1989. *Birds of Islay*. Christopher Helm, London.
 Evans, L.G.R. 1994. *Rare Birds in Britain 1800-1990*. LGRE Publications, Amersham.
 Ferguson-Lees, J. & Christie, D.A. 2001. *Raptors of the World*. Christopher Helm, London.

- Grant, J. 1903. Greenland Falcon in Orkney. *Annals of Scottish Natural History* 1903: 185.
- Grubb, P. & Gwynne, D. 1965. Gyr Falcon at St Kilda. *Scottish Birds* 3: 412-416.
- Harvie-Brown, J.A. 1903b. Greenland Falcon in the Outer Hebrides. *Annals of Scottish Natural History* 1903: 186.
- Harvie-Brown, J.A. 1905b. Greenland Falcons in Scotland and Ireland. *Annals of Scottish Natural History* 1905: 245.
- Harvie-Brown, J.A. 1906c. Greenland Falcon in Lewis. *Annals of Scottish Natural History* 1906: 185.
- MacGillivray, W.L. 1906. Greenland Falcon in Barra. *Annals of Scottish Natural History* 1906: 237.
- Murdoch, C.C.I. & Porteous, W.G. 1966. Gyr Falcon in east Inverness-shire and Shetland. *Scottish Birds* 4: 86-87.
- Patterson, R. 1999. The Gyr Falcon on Shetland, February 1999. *Birding Scotland* 2: 76-77.
- Potapov, E. & Sale, R. 2005. *The Gyrfalcon*. T. & A.D. Poyser, London.
- Richmond, W.K. 1961a. Gyrfalcon in west Stirling/Dunbartonshire. *Scottish Birds* 1: 378-379.
- Simpson, J.H. 1970b. Gyr Falcon in Shetland. *Scottish Birds* 6: 199-200.
- Smith, A. & Sinclair, M. 1967. Gyr Falcons Outer Hebrides and Shetland. *Scottish Birds* 4: 555-556.
- Stout, J.A. 1952. Ivory Gull and probable Greenland Falcon at Fair Isle. *Fair Isle Bird Observatory Bulletin* 1 (6): 28.
- Walker, K.G. 1968a. Gyrfalcon in Orkney. *Scottish Birds* 5: 173-174.
- Weir, D.N. 1973c. Gyrfalcon in east Inverness-shire. *Scottish Birds* 7: 310.

128 Peregrine Falcon (40)

- Anon. 2004a. Raptor Round Up 2002. *Scottish Birds* 24 (supplement): 1-25.
- Banks, A.N., Coombes, R.H. & Crick, H.Q.P. 2003. *The Peregrine Falcon breeding population of the UK and Isle of Man in 2002*. BTO, Thetford.
- Carrick, R. & Waterston, G. 1939. The birds of Canna. *Scottish Naturalist* 1939: 5-22.
- Court, I.R., Irving, P.V. & Carter, I. 2004. Status and productivity of Peregrine Falcons in the Yorkshire Dales between 1978 and 2002. *British Birds* 97: 456-463.
- Crick, H.Q.P. & Ratcliffe, D.A. 1995. The Peregrine *Falco peregrinus* breeding population of the United Kingdom in 1991. *Bird Study* 42: 1-19.
- Dixon, J.H. 1886. *Gairloch in north-west Ross-shire, its records, traditions, inhabitants and natural history*. Co-operative Printing Company Ltd, Edinburgh.
- Ellis, P.M. & Okill, J.D. 1993. Breeding numbers and breeding success of the Peregrine in Shetland, 1961-1991. *Scottish Birds* 17: 40-49.
- Fraser of Allander Institute. 2001. *An Economic Study of Scottish Grouse Moors: an update*. Game Conservancy Ltd, Fordingbridge.
- Hardey, J., Rollie, C.J. & Stirling-Aird, P.K. 2003. Variation in breeding success of inland peregrine falcon (*Falco peregrinus*) in three regions of Scotland 1991-2000. In: Thompson, D.B.A., Redpath, S.M., Fielding, A.H., Marquiss, M. & Galbraith, C.A. (eds) *Birds of Prey in a Changing Environment*. pp 99-110. The Stationery Office, Edinburgh.
- Hardey, J.J.C. 2002. *Analysis of Pesticide Levels in Feral Pigeons in North-East Scotland*. Commissioned Report F01AC327. SNH, Edinburgh.
- Hardey, J.J.C., Crick, H.Q.P., Wernham, C., Riley, H., Etheridge, B. & Thompson, D.B.A. 2006. *Raptors: a field guide to survey and monitoring*. The Stationery Office, Edinburgh.
- Henderson, I., Parrott, D. & Moore, N. 2004b. *Racing Pigeons – impact of raptor predation*. Report to SNH and Scottish Homing Union. Central Science Laboratory, York.
- Horne, G. & Fielding, A.H. 2002. Recovery of the Peregrine Falcon *Falco peregrinus* in Cumbria, UK, 1966-1999. *Bird Study* 49: 229-236.
- Hudson, P.J. 1992. *Grouse in Time and Space*. Game Conservancy Ltd, Fordingbridge.
- Insley, H., Mayhew, P. & McGowan, R.Y. 2004b. Peregrine Falcon preying Slavonian Grebe. *Scottish Birds* 24: 45-46.
- Lindberg, P., Sellstrom, U., Haggberg, L. & Wit, C.A.d. 2003. Higher Brominated Diphenyl Ethers and Hexabromocyclododecane found in eggs of Peregrine Falcons (*Falco peregrinus*) breeding in Sweden. *Environmental Science & Technology* 38: 93-96.
- Mearns, R. 1982. Winter occupation of breeding territories and winter diet of Peregrines in south Scotland. *Ornis Scandinavica* 13: 79-83.
- Mearns, R. 1984. Winter sightings of Peregrines at Caerlaverock. *Scottish Birds* 13: 73-77.
- Mearns, R. & Newton, I. 1984. Turnover and dispersal in a Peregrine *Falco peregrinus* population. *Ibis* 126: 347-355.
- Mearns, R. & Newton, I. 1988. Factors affecting breeding success of peregrines in south Scotland. *Journal of Animal Ecology* 57: 903-916.
- Newton, I., Bogan, J.A. & Haas, M.B. 1989a. Organochlorines and mercury in the eggs of British Peregrines *Falco peregrinus*. *Ibis* 131: 355-376.
- Norriess, D.W. 1995. The 1991 survey and weather impacts on the Peregrine *Falco peregrinus* breeding population in the Republic of Ireland. *Bird Study* 42: 20-30.
- Ratcliffe, D.A. 1958. Broken eggs in Peregrine eyries. *British Birds* 51: 23-26.
- Ratcliffe, D.A. 1963. The status of the Peregrine in Great Britain. *Bird Study* 10: 56-90.
- Ratcliffe, D.A. 1972. The status of the Peregrine in Great Britain in 1971. *Bird Study* 19: 117-156.

- Ratcliffe, D.A. 1980. *The Peregrine Falcon*. T. & A.D. Poyser, Calton.
- Ratcliffe, D.A. 1984a. The Peregrine breeding population of the United Kingdom in 1981. *Bird Study* 31: 1-18.
- Ratcliffe, D.A. 1984b. Tree-nesting by Peregrines in Britain and Ireland. *Bird Study* 31: 232-233.
- Ratcliffe, D.A. 1993. *The Peregrine Falcon*. 2nd Edition. T. & A.D. Poyser, Calton.
- Ratcliffe, D.A. 2003. The peregrine saga. In: Thompson, D.B.A., Redpath, S.M., Fielding, A.H., Marquiss, M. & Galbraith, C.A. (eds) *Birds of Prey in a Changing Environment*. pp 91-98. The Stationery Office, Edinburgh.
- Redpath, S.M. & Thirgood, S.J. 1997. *Birds of Prey and Red Grouse*. Stationery Office, London.
- Rollie, C. & Christie, G. 2006. Peregrine Falcon catching and killing a bat in daylight. *Scottish Birds* 26: 45-46.
- Scottish Gamekeepers Association. 2001. *Petition PE187 to the Scottish Parliament on raptor control*. Scottish Parliament, Edinburgh.
- Scottish Gamekeepers Association. 2002. *Petition PE449 to the Scottish Parliament on predatory birds*. Scottish Parliament, Edinburgh.
- Scottish Homing Union. 1998. *Attacks by Peregrines and Sparrowhawks on Racing Pigeons in Scotland*. Scottish Homing Union, Hamilton.
- Scottish Raptor Study Groups. 1998. *The Illegal Persecution of Raptors in Scotland*. The Scottish Office, Edinburgh.
- Swann, R.L. 1998. Baby Stoat in Peregrine nest. *Scottish Birds* 19: 180.
- Weir, D.N. 1978b. Wild Peregrines and Grouse. *Falconer* 7: 98-102.
- Weir, D.N. 1979. Brown Trout among food remains in a Peregrine nest. *Bird Study* 26: 200.
- Weir, D.N., Hardey, J.J.C., Watson, A., Papke, H., Burton, H. & Rae, R. in prep. Feeding ecology of central east Scottish highland Peregrines *Falco peregrinus*.

129 Water Rail (13)

- Bannerman, D.A. 1963. *The Birds of the British Isles*. Oliver & Boyd, Edinburgh.
- Dicerbo, E. 1963. Water Rails 'scavenging' in open. *Scottish Birds* 2: 365-366.
- Dobinson, H.M. & Richards, A.J. 1964. The effects of the severe winter of 1962/63 on birds in Britain. *British Birds* 57: 373-434.
- Flegg, J.J.M. & Glue, D.E. 1973. A Water Rail study. *Bird Study* 20: 69-79.
- Jenkins, A.R. & Meiklejohn, M.F.M. 1960. Song of the Water Rail. *Scottish Birds* 1: 187-188.
- Jenkins, R.K.B. 1999. The breeding biology of the Water Rail *Rallus aquaticus* in Britain and Ireland. *Bird Study* 46: 305-308.
- Jenkins, R.K.B. & Ormerod, S.J. 2002. Habitat preferences of breeding Water Rail *Rallus aquaticus*. *Bird Study* 49: 2-10.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- Moyes, S. & Robertson, D. 1991. A census of Water Rails in the Tay Reedbeds and the effects of reedbed management on the breeding densities 1991. *Tay Ringing Group Report* 1989-91.
- Moyes, S., Robertson, D.G. & Yule, B. 1999. A study of Water Rail (*Rallus aquaticus*) in the Tay Reedbeds, 1991-94. *Tay Ringing Group Report* 1996-97: 13-22.
- Murray, R.D. 2000d. Water Rails in the Scottish Borders. *Borders Bird Report* 19: 96-99.
- Webb, R. 1981. A note on Water Rails in the Hitchin area during the 1979/80 winter. *Transactions of the Hertfordshire Natural History Society* 28 (5): 23.
- Young, A.J. & Cook, M. 2001. The breeding population of Water Rails in Moray and Nairn in 1995-2000. *Birds in Moray & Nairn* 2001: 100-105.

130 Spotted Crake (29)

- Becker, P. 1995. Identification of Water Rail and *Porzana* crakes in Europe. *Dutch Birding* 17: 181-211.
- Bourne, W.R.P. 1992. Alarm calls used by a presumed Spotted Crake in the Grampian Region. *Scottish Birds* 16: 220-221.
- Bruce, D. 1899. Spotted Crake at Dunbar. *Annals of Scottish Natural History* 1899: 50.
- Buckley, T.E. 1897b. Spotted Crake in Moray. *Annals of Scottish Natural History* 1897: 45.
- Buckley, T.E. 1900b. Spotted Crake in Inverness-shire. *Annals of Scottish Natural History* 1900: 51.
- Evans, W. 1901. The Spotted Crake in East Lothian. *Annals of Scottish Natural History* 1901: 236-237.
- Francis, I. & Thorpe, A. 1999. The breeding status of the Spotted Crake in north east Scotland. *Scottish Birds* 20: 14-17.
- Fyfe, A. 1893. Spotted Crake (*Porzana maretta*) near Moffat. *Annals of Scottish Natural History* 1893: 45.
- Gilbert, G. 2002. The status and habitat of Spotted Crakes *Porzana porzana* in Britain in 1999. *Bird Study* 49: 79-86.
- Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.
- Harvie-Brown, J.A. 1892b. Spotted Crake (*Porzana maretta* Leach) in Shetland. *Annals of Scottish Natural History* 1892: 71.
- Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
- Harvie-Brown, J.A. & Clarke, W.E. 1896. Spotted Crake in the Clyde District. *Annals of Scottish Natural History* 1896: 123.

- Laidlaw, T.G. 1904. Roller, Glossy Ibis and Spotted Crake in Perthshire. *Annals of Scottish Natural History* 1904: 55.
- Macdonald, D. 1967a. Spotted Crake in west Sutherland. *Scottish Birds* 4: 372-373.
- MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
- Mackenzie, J. 2000. *Habitat preferences of breeding Spotted Crakes, Porzana porzana, and the implications for site selection*. Unpublished MSc dissertation, University of East Anglia.
- Mackenzie, J. 2001. Spotted Crakes at Insh Marshes RSPB reserve. *Birding Scotland* 4 (1): back cover.
- Maher, M., Pennington, M. & Duffield, S. 2004. Spotted Crake breeding on Unst: first Shetland breeding record. *Shetland Bird Report* 2003: 104-105.
- Merrie, T.D.H. & Gordon, A.G. 1965. Spotted Crake in Dunbartonshire. *Scottish Birds* 3: 416-417.
- More, A.G. 1865. On the distribution of birds in Great Britain during the nesting-season. *Ibis* 1865: 1-27, 119-142, 425-458.
- Ogilvie, M. & the Rare Breeding Birds Panel. 2004. Rare breeding birds in the United Kingdom in 2002. *British Birds* 97: 492-536.
- Paterson, J. 1896a. Spotted Crake in Argyle. *Annals of Scottish Natural History* 1896: 60.
- Service, R. 1896. Spotted Crake in Kirkcudbrightshire and Dumfriesshire. *Annals of Scottish Natural History* 1896: 123.
- Smith, R.W.J. 1962c. Spotted Crake in Midlothian. *Scottish Birds* 2: 30-34.
- Smith, R.W.J. 1964. Spotted Crake in Midlothian. *Scottish Birds* 3: 31.
- Stroud, D. & Francis, I. 2007. *Spotted Crakes breeding in the UK a history and evaluation of current status*. Unpublished report to the Rare Breeding Birds Panel.
- Taylor, B. & van Perlo, B. 1998. *Rails: a guide to the rails, crakes, gallinules and coots of the world*. Pica Press, Robertsbridge.
- Watson, A.D. 1963. Spotted Crake in Kirkcudbrightshire. *Scottish Birds* 2: 426-427.

131 Sora (5)

- Anderson, P. 1913. The birds of the Island of Tiree. *Scottish Naturalist* 1913: 73-78, 169-172, 193-200, 217-224, 241-245.
- Gunnis, F.G. 1902. On the occurrence of the Carolina Crake (*Porzana carolina* (Linn.)) in the Island of Tiree. *Annals of Scottish Natural History* 1902: 9-10.
- Ogilvie-Grant, W.R. 1913. Carolina Crake in Outer Hebrides. *British Birds* 7: 202-203.
- Phillips, E.L. 1901. Porzana Carolina in Tiree. *Bulletin of the British Ornithologists' Club* 12: 26.
- Taylor, B. & van Perlo, B. 1998. *Rails: a guide to the rails, crakes, gallinules and coots of the world*. Pica Press, Robertsbridge.

132 Little Crake (9)

- Aird, J. 1909. Little Crake in Ayrshire. *Annals of Scottish Natural History* 1909: 185.
- Anon. 1912a. [Little Crake]. *Scottish Naturalist* 1912: 20.
- Dennis, R.H. 1971a. Little Crake at Fair Isle. *Scottish Birds* 6: 277-278.
- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Edward, T. 1860. A list of the birds of Banffshire, accompanied with anecdotes (cont'd). *Zoologist* 18: 6964- 6975.
- Paton, E.R. & Pike, O.G. 1929. *The Birds of Ayrshire*. H.F. & G. Witherby, London.
- Saxby, S.T. 1960. Little Crake in Shetland. *Scottish Birds* 1: 235.
- Schwann, H. 1911. Little Crake in Scotland. *The Field* 7 October 1911: 825.
- Taylor, B. & van Perlo, B. 1998. *Rails: a guide to the rails, crakes, gallinules and coots of the world*. Pica Press, Robertsbridge.

133 Baillon's Crake (15)

- Arkwright, W. 1899. Baillon's Crake in Caithness. *Annals of Scottish Natural History* 1899: 50.
- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.
- Grierson, J. 1962. A check-list of the birds of Tentsmuir, Fife. *Scottish Birds* 2: 113-164.
- Harrop, H. 2002b. Baillon's Crake at Maywick: first for SBC area; third Shetland record. *Shetland Bird Report* 2001: 90-91.
- Harvie-Brown, J.A. & Buckley, T.E. 1887. *A Vertebrate Fauna of Sutherland, Caithness and West Cromarty*. David Douglas, Edinburgh.
- Jardine, W. 1842b. [Baillon's Crake]. *The Naturalist's Library (Ornithology)* 12: 336-337.
- Naylor, K.A. 1996. *A Reference Manual of Rare Birds in Great Britain and Ireland*. Privately published, Nottingham.
- Paterson, J. 1897a. Baillon's Crake in West Renfrewshire. *Annals of Scottish Natural History* 1897: 123-124.
- Rintoul, L.J. & Baxter, E.V. 1911. Report on Scottish ornithology in 1910. *Annals of Scottish Natural History* 1911: 133-149, 194-210.

- Service, R. 1905. The rarer birds of the Solway area. *Transactions of the Dumfriesshire and Galloway Natural History and Antiquarian Society* 17: 423-435.
- Stout, G. 1929. Baillon's Crake at Fair Isle. *Scottish Naturalist* 1929: 91.
- Stout, G. 1930a. Baillon's Crake at Fair Isle. *British Birds* 23: 231.
- Suddaby, D. & Harvey, P. 1992. Baillon's Crake at Fair Isle. *Scottish Birds* 16: 211-214.
- Taylor, B. & van Perlo, B. 1998. *Rails: a guide to the rails, crakes, gallinules and coots of the world*. Pica Press, Robertsbridge.

134 Corn Crake (28)

- Cadbury, C.J. 1980a. The status and habitats of the Corncrake in Britain 1978-79. *Bird Study* 27: 203-218.
- Cadbury, C.J. 1980b. The 1978/9 survey of Corncrakes in Britain. *Scottish Birds* 11: 53-55.
- Furness, R.W. 1983. *The Birds of Foula*. Brathay Trust, Ambleside.
- Gilmore, J.G. 1972. Corncrakes breeding in Stirlingshire. *Scottish Birds* 7: 52.
- Green, R.E. 1995. The decline of the corncrake *Crex crex* in Britain continues. *Bird Study* 42: 66-75.
- Green, R.E. 1996b. Factors affecting the population density of the corncrake *Crex crex* in Britain and Ireland. *Journal of Applied Ecology* 33: 237-248.
- Green, R.E. 1999. Survival and dispersal of male Corncrakes *Crex crex* in a threatened population. *Bird Study* 46 (supplement): 218-229.
- Green, R.E. 2004b. A new method for estimating the adult survival rate of the Corncrake *Crex crex* and comparison with estimates from ring-recovery and ring-recapture data. *Ibis* 146: 501-508.
- Green, R.E. & Gibbons, D.W. 2000. The status of the Corncrake *Crex crex* in Britain in 1998. *Bird Study* 47: 129-137.
- Green, R.E., Rocamora, G. & Schäffer, N. 1997a. Populations, ecology and threats to the Corncrake *Crex crex* in Europe. *Vogelwelt* 118: 117-134.
- Green, R.E. & Stowe, T.J. 1993. The decline of the corncrake *Crex crex* in Britain and Ireland in relation to habitat change. *Journal of Applied Ecology* 30: 689-695.
- Green, R.E. & Tyler, G.A. 2005. Estimating the age of Corncrake *Crex crex* chicks from body weight and the development of primary feathers. *Ringing & Migration* 22: 139-144.
- Green, R.E., Tyler, G.A., Stowe, T.J. & Newton, A.V. 1997b. A simulation model of the effect of mowing of agricultural grassland on the breeding success of the corncrake (*Crex crex*). *Journal of Zoology, London* 243: 81-115.
- Harvie-Brown, J.A. 1903a. On the avifauna of the Outer Hebrides, 1888-1902 (continued). *Annals of Scottish Natural History* 1903: 7-22.
- Hudson, A.V., Stowe, T.J. & Aspinall, S.J. 1990. Status and distribution of Corncrakes in Britain in 1988. *British Birds* 83: 173-187.
- Nash, J.K. 1929. The scarcity of the Corn-crake in the Lothians. *Scottish Naturalist* 1929: 5-7.
- Norris, C.A. 1945. Summary of a report on the distribution and status of the Corn-crake (*Crex crex*). *British Birds* 38: 142-148, 162-168.
- Norris, C.A. 1947. Report on the distribution and status of the Corn-Crake. *British Birds* 40: 226-244.
- O'Brien, M., Green, R.E. & Wilson, J. 2006. Partial recovery of the population of Corncrakes *Crex crex* in Britain, 1993-2004. *Bird Study* 53: 213-224.
- Stowe, T.J. & Hudson, A.V. 1991. Radio telemetry studies of Corncrake in Great Britain. *Die Vogelwelt* 112: 10-16.
- Stowe, T.J., Newton, A.V., Green, R.E. & Mayes, E. 1993. The decline of the corncrake *Crex crex* in Britain and Ireland in relation to habitat. *Journal of Applied Ecology* 30: 53-62.
- Taylor, B. & van Perlo, B. 1998. *Rails: a guide to the rails, crakes, gallinules and coots of the world*. Pica Press, Robertsbridge.
- Tucker, G.M. & Heath, M.F. 1994. *Birds in Europe: their conservation status*. BirdLife Conservation Series No. 3. BirdLife International, Cambridge.
- Tyler, G.A. 1996. *The ecology of the Corncrake with special reference to the effect of mowing on breeding production*. Unpublished PhD thesis, University College, Cork.
- Tyler, G.A. & Green, R.E. 1996. The incidence of nocturnal song by male Corncrakes *Crex crex* is reduced during pairing. *Bird Study* 43: 214-219.
- Tyler, G.A., Green, R.E. & Casey, C. 1998. Survival and behaviour of Corncrake *Crex crex* chicks during the mowing of agricultural grassland. *Bird Study* 45: 35-50.
- Venables, L.S.V. & Venables, U.M. 1950. The Corncrake on Shetland. *British Birds* 43: 137-141.
- Williams, G., Green, R.E., Casey, C., Deceuninck, B. & Stowe, T.J. 1997. Halting declines in globally threatened species: the case of the Corncrake. *RSPB Conservation Review* 11: 22-31.

135 Common Moorhen (21)

- Alexander, W.B. & Lack, D. 1944. Changes in status among British breeding birds. *British Birds* 38: 42-45, 62-69, 82-88.
- Anderson, A. 1965. Moorhens at Newburgh. *Scottish Birds* 3: 230-233.

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Angus, S. 1983. *Sutherland Birds*. Northern Times, Golspie.
- Brown, A.W. 1987. Breeding census of Little Grebe, Great Crested Grebe and Tufted Duck in the Lothians in 1986. *Lothian Bird Report* 1986: 61-68.
- Collier, M.P., Banks, A.N., Austin, G.E., Girling, T., Hearn, R.D. & Musgrove, A.J. 2005. *The Wetland Bird Survey 2003/04: wildfowl and wader counts*. BTO/WWT/RSPB/JNCC, Slimbridge.
- Cook, M. 1992. *The Birds of Moray and Nairn*. The Mercat Press, Edinburgh.
- Dennis, R. 1995a. *The Birds of Badenoch and Strathspey*. 2nd Edition. Colin Baxter Photography, Grantown-on-Spey.
- Gardner, M., McGuigan, C. & Porteous, M. 1984. Young Ornithologists' Club (Edinburgh Group) Water of Leith survey 1978 and 1983. *Lothian Bird Report* 1983: 65-71.
- Gibbons, D.W. 1986. Brood parasitism and cooperative nesting in the Moorhen *Gallinula chloropus*. *Behavioural Ecology and Sociobiology* 19: 221-232.
- Huxley, C.R. & Wood, N.A. 1976. Aspects of the breeding of the Moorhen in Britain. *Bird Study* 23: 1-10.
- MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
- Marchant, J.H. & Hyde, P.A. 1980. Aspects of the distribution of riparian birds on waterways in Britain and Ireland. *Bird Study* 27: 70-74.
- McMillan, R.L. 2005. *Skye Birds: an illustrated guide to the birds of Skye*. Skye-birds.com, Elgol.
- Mead, C. 2000. *The State of the Nation's Birds*. Whittet Books, Stowmarket.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Sibbald, R. 1684. *Scotia Illustrata, sive Prodromus Historia Naturalis*. J. Kniblo, J. Solingensis & J. Colmarii, Edinburgh.
- Stroud, D.A. (ed.) 1989. *The Birds of Coll and Tiree: status, habitats and conservation*. NCC/SOC, Edinburgh.
- Taylor, B. & van Perlo, B. 1998. *Rails: a guide to the rails, crakes, gallinules and coots of the world*. Pica Press, Robertsbridge.
- Taylor, K. 1984. The influence of watercourse management on Moorhen breeding biology. *British Birds* 77: 141-148.
- Wood, N.A. 1974. The breeding behaviour and biology of the Moorhen. *British Birds* 67: 104-115, 137-158.

136 Common Coot (10)

- ap Rheinallt, T., Craik, J.C.A., Daw, P.C., Furness, R.W., Petty, S.J. & Wood, D. (eds) in press. *Birds of Argyll*. Argyll Bird Club, Lochgilphead.
- Brown, A.W. 1987. Breeding census of Little Grebe, Great Crested Grebe and Tufted Duck in the Lothians in 1986. *Lothian Bird Report* 1986: 61-68.
- Dennis, R. 1995a. *The Birds of Badenoch and Strathspey*. 2nd Edition. Colin Baxter Photography, Grantown-on-Spey.
- Harvie-Brown, J.A. 1903a. On the avifauna of the Outer Hebrides, 1888-1902 (continued). *Annals of Scottish Natural History* 1903: 7-22.
- Harvie-Brown, J.A. & Macpherson, H.A. 1904. *A Fauna of the North-west Highlands and Skye*. David Douglas, Edinburgh.
- MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
- Parkinson, D. 2005. Scottish Borders Coot Survey. *Scottish Bird News* 75: 10-11.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Shearer, R.I. & Osborne, H. 1862. Notes on the ornithology of Caithness. *Proceedings of the Royal Physical Society of Edinburgh* 2: 334-347.
- Taylor, B. & van Perlo, B. 1998. *Rails: a guide to the rails, crakes, gallinules and coots of the world*. Pica Press, Robertsbridge.

137 American Coot (5)

- Duffield, S. 2003. The American Coot in Shetland. *Birding World* 16: 496-497.
- Riddington, R. 2004. Scotland's first American Coot. *Birding Scotland* 7: 16-18.
- Sibley, C.G. & Monroe Jr., B.L. 1990. *Distribution and Taxonomy of Birds of the World*. Yale University Press, New Haven.
- Stevenson, A. 2004a. Scotland's second American Coot, South Uist, January 2004. *Birding Scotland* 7: 64-65.
- Taylor, B. & van Perlo, B. 1998. *Rails: a guide to the rails, crakes, gallinules and coots of the world*. Pica Press, Robertsbridge.

138 Common Crane (19)

- Anderson, A. 1962. Cranes in Aberdeenshire. *Scottish Birds* 2: 245-246.
- Bedford, D. 1920. Common Crane at Kirkudbright. *Scottish Naturalist* 1920: 168.
- Bourne, W.R.P. 2006a. Birds eaten by King James V of Scotland in 1525-1533, and the prices decreed by his daughter

- Mary Queen of Scots. *Archives of Natural History* 33: 135-139.
- Bourne, W.R.P. 2006b. When Cranes were really Common in Scotland. *Birding Scotland* 9: 43.
- Bramwell, D. 1994. The bird remains. In: Smith, B.B. (ed.) *Howe: four millennia of Orkney prehistory*. Monograph No. 9. pp 153-157. Society of Antiquaries of Scotland, Edinburgh.
- Dunn, R. 1837. *The Ornithologist's Guide to the Islands of Orkney and Shetland*. Privately published, Hull.
- Dunnet, G.M. 1967. Crane in Aberdeenshire. *Scottish Birds* 4: 447-448.
- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.
- Gurney, J.H. 1921. *Early Annals of Ornithology*. H.F. & G. Witherby, London.
- Kay, G.T. 1958. Probable Common Cranes in Shetland. *Scottish Birds* 1: 12-13.
- Kinnear, N.B. 1907. Notes on the birds seen in the Outer Hebrides during the spring of 1906 (continued). *Annals of Scottish Natural History* 1907: 81-85.
- Macmillan, A.T. 1967a. Cranes in north Argyll. *Scottish Birds* 4: 556.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- McCormick, F. & Buckland, P.C. 1997. The vertebrate fauna. In: Edwards, K.J. & Ralston, I.B.M. (eds) *Scotland: environment and archaeology, 8000 BC - AD 1000*. pp 83-108. Wiley, Chichester.
- Mitchell, D.J. 1960. Crane in Sutherland. *Scottish Birds* 1: 187.
- Saxby, H.L. 1874. *The Birds of Shetland*. MacLachlan & Stewart, Edinburgh.
- Spence, T., MacGeoch, J. & Erskine-Hill, R. 1963. Cranes in Fife, Inverness-shire and Lanarkshire. *Scottish Birds* 2: 422-426.
- Tomison, J. 1903. Crane and other migrants at Pentland Skerries. *Annals of Scottish Natural History* 1903: 186.

139 Sandhill Crane (3)

- Ellis, P.M. 1991. The Sandhill Crane in Shetland. *Birding World* 4: 322-323.
- Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.
- Riddiford, N. 1983a. Sandhill Crane: new to Britain. *British Birds* 76: 105-109.

140 Little Bustard (11)

- Anon. 1935. Little Bustard in Aberdeenshire. *Scottish Naturalist* 1935: 102.
- Champion, F.W. 1965. Little Bustard in Wigtonshire. *Scottish Birds* 3: 253-254.
- Cook, C. 1912. Little Bustard in Kincardineshire. *Scottish Naturalist* 1912: 44-45.
- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
- Harvie-Brown, J.A. & Buckley, T.E. 1887. *A Vertebrate Fauna of Sutherland, Caithness and West Cromarty*. David Douglas, Edinburgh.
- Johnsgard, P.A. 1991. *Bustards, Hemipodes and Sandgrouse: birds of dry places*. Oxford University Press, Oxford.
- MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
- Osborn, K. 1999d. Little Bustard at Ringasta - first Shetland record. *Shetland Bird Report* 1998: 90-91.
- Sim, G. 1873. Occurrence of Little Bustard (*Otis tetrax*. Lin.) in Aberdeenshire. *Scottish Naturalist* 2: 204.
- Turnbull, W.P. 1867. *The Birds of East Lothian and a Portion of the Adjoining Counties*. 2nd Edition. Privately published, Glasgow.

141 Macqueen's Bustard (6)

- BirdLife International. 2000. *Threatened Birds of the World*. Lynx Edicions, Barcelona & Cambridge.
- British Ornithologists' Union (BOU). 2005. British Ornithologists' Union Records Committee: 31st Report (October 2004). *Ibis* 147: 246-250.
- Clarke, W.E. 1899. On the occurrence of the Asiatic Houbara (*Houbara macqueenii*) in Scotland. *Annals of Scottish Natural History* 1899: 73-74.
- Hartert, E. 1912-21. *Die Vögel der Paläarktischen Fauna*. Volume 2. Friedländer und Sohn, Berlin.
- Johnsgard, P.A. 1991. *Bustards, Hemipodes and Sandgrouse: birds of dry places*. Oxford University Press, Oxford.
- Walker, J.G. 1899. Little Bustard in Aberdeenshire. *Annals of Scottish Natural History* 1899: 51.

142 Great Bustard (18)

- BirdLife International. 2000. *Threatened Birds of the World*. Lynx Edicions, Barcelona & Cambridge.
- Boece, H. 1526. *Scotorum historiae a prima gentis origine [or Historia gentis scotorum]*. Paris.
- Boece, H. 1821. *The History and Chronicles of Scotland written in Latin by Hector Boece [1526] and translated by John Bellenden*. Volume 1. W. & C. Tait, Edinburgh.

- Bourne, W.R.P. 2006a. Birds eaten by King James V of Scotland in 1525-1533, and the prices decreed by his daughter Mary Queen of Scots. *Archives of Natural History* 33: 135-139.
- Bruce, J. 1876. Great Bustard in Orkney. *Zoologist* 34: 4927-4928.
- Daly, P. 1969. Approaches to faunal analysis in archaeology. *American Antiquity* 34: 146-153.
- Dennis, R.H. 1970d. Great Bustard at Fair Isle. *Scottish Birds* 6: 171-173.
- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Gladstone, H.S. 1924a. Great Bustard in the Orkney Islands. *Scottish Naturalist* 1924: 89.
- Gladstone, H.S. 1924b. The Great Bustard in Scotland. *Scottish Naturalist* 1924: 173-183.
- Gurney, J.H. 1921. *Early Annals of Ornithology*. H.F. & G. Witherby, London.
- Johnsgard, P.A. 1991. *Bustards, Hemipodes and Sandgrouse: birds of dry places*. Oxford University Press, Oxford.
- Kitchener, A.C. 1998. Extinctions, introductions and colonisations of Scottish mammals and birds since the last Ice Age. In: Lambert, R.A. (ed.) *Species History in Scotland*. pp 63-92. Scottish Cultural Press, Edinburgh.
- Peace, T.S. 1892. Great Bustard (*Otis tarda* L.) in Orkney. *Annals of Scottish Natural History* 1892: 138.
- Pringle, J. 1895. Great Bustard washed up on the Ayrshire coast. *Annals of Scottish Natural History* 1895: 253.
- Ritchie, J. 1920. *The Influence of Man on Animal Life in Scotland*. Cambridge University Press, Cambridge.
- Waters, E. & Waters, D. 2005. The former status of Great Bustard in Britain. *British Birds* 98: 295-305.
- Waterston, G. 1937a. Bird notes from Shetland. *Scottish Naturalist* 1937: 25-31.

143 Eurasian Oystercatcher (40)

- Balfour, E. 1972. *Orkney Birds: status and guide*. Charles Senior, Stromness.
- Bonar, H.N. 1931. The Oystercatcher (*Haematopus ostralegus*): from personal observation. *Scottish Naturalist* 1931: 101-111.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Buxton, E.J.M. 1961. The inland breeding of the Oystercatcher in Great Britain, 1958-59. *Bird Study* 8: 194-209.
- Caldow, R.W.G., Goss-Custard, J.D., Stillman, R.A., Durell, S.E.A.I.V.d., Swinfin, R. & Bregnballe, T. 1999. Individual variation in the competitive ability of interference-prone foragers: the relative importance of foraging efficiency and susceptibility to interference. *Journal of Animal Ecology* 68: 869-878.
- Collier, M.P., Banks, A.N., Austin, G.E., Girling, T., Hearn, R.D. & Musgrove, A.J. 2005. *The Wetland Bird Survey 2003/04: wildfowl and wader counts*. BTO/WWT/RSPB/JNCC, Slimbridge.
- da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
- Dare, P.J. 1966. The breeding and wintering populations of the Oystercatcher *Haematopus ostralegus* L. in the British Isles. *Fishery Investigations Series II* 25: 169.
- Dennis, R. 1984. *Birds of Badenoch and Strathspey*. Roy Dennis Enterprises, North Kessock.
- Dickson, R.C. 2003b. Eurasian Oystercatcher apparently brooding young of Ringed Plovers. *Scottish Birds* 24 (1): 40-41.
- Dougall, T. 1996a. Oystercatcher apparently rearing Lapwings. *Scottish Birds* 18: 184.
- Dougall, T. 1998. Oystercatcher incubating Lapwing clutch. *Scottish Birds* 19: 181.
- Duncan, A., Duncan, R., Rae, R., Rebecca, G.W. & Stewart, B.J. 2001. Roof and ground nesting Eurasian Oystercatchers in Aberdeen. *Scottish Birds* 22: 1-8.
- French, P. & Insley, H. 2000. Oystercatchers usurping Lapwings' nests. *Scottish Birds* 21: 53-54.
- Galbraith, H., Furness, R.W. & Fuller, R.J. 1984. Habitats and distribution of waders breeding on Scottish agricultural land. *Scottish Birds* 13: 98-107.
- Heppleston, P. 1971. The feeding ecology of oystercatchers (*Haematopus ostralegus*) in winter in northern Scotland. *Journal of Animal Ecology* 40: 651-672.
- Heppleston, P. 1972. The comparative breeding ecology of oystercatchers (*Haematopus ostralegus* L.) in inland and coastal habitats. *Journal of Animal Ecology* 41: 23-51.
- Insley, H. & Brain, J.C. 2000. Roof nesting Oystercatchers using a Herring Gull nest. *Scottish Birds* 21: 54-55.
- Lynch, B.M. 2001. Eurasian Oystercatcher nesting in a greenhouse. *Scottish Birds* 22: 64.
- Macaulay Institute for Soil Research (MISR). 1982a. *Soil and Land Capability for Agriculture*. Macaulay Institute for Soil Research, Aberdeen.
- O'Brien, M. 1994. *Surveys of breeding waders on Scottish Lowlands*. Interim Report. RSPB, Sandy.
- O'Brien, M., Tharme, A. & Jackson, D. 2002. Changes in breeding wader numbers on Scottish farmed land during the 1990s. *Scottish Birds* 23: 10-21.
- O'Brien, M. & Whyte, C.S. 2004. Estimating the breeding wader populations of Scottish uplands and salt marshes. *Scottish Birds* 24 (2): 17-28.
- Paton, W.S. & Willis, D.P. 1973. Unusual nest sites of Oystercatchers. *Scottish Birds* 7: 405-406.
- Pennington, M.G. 1988. Breeding birds of North Ronaldsay, Orkney. *Scottish Birds* 15: 83-89.
- Picozzi, N. & Catt, D.C. 1989. Early return of Oystercatchers to north-east Scotland in spring 1989. *Scottish Birds* 15: 182-183.
- Piersma, T. 1986. Breeding waders in Europe: a review of population size estimates and a bibliography of information sources. *Wader Study Group Bulletin* 48 (supplement): 1-116.
- Pollitt, M.S., Hall, C., Holloway, S.J., Hearn, R.D., Marshall, P.E., Musgrove, A.J., Robinson, J.A. & Cranswick, P.A.

2003. *The Wetland Bird Survey 2000-01: wildfowl and wader counts*. BTO/WWT/RSPB/JNCC, Slimbridge.
- Pounder, B., Pounder, S. & Greenwood, J.J.D. 1971. Hard times and the disadvantage of deformity. *Scottish Birds* 6: 278-279.
- Purvey, M. 1985b. Oystercatcher laying in Lapwing nest. *Scottish Birds* 13: 270.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Rehfisch, M.M., Austin, G.E., Armitage, M.J.S., Atkinson, P.W., Holloway, S.J., Musgrove, A.J. & Pollitt, M.S. 2003a. Numbers of wintering waterbirds in Great Britain and the Isle of Man (1994/1995-1998/1999): II. Coastal waders (Charadrii). *Biological Conservation* 112: 329-341.
- Shaw, G. 1996a. Oystercatchers nesting in clear-cut forestry plantations. *Scottish Birds* 18: 183.
- Speakman, J.R. 1987. Mixed clutch of Oystercatcher and Lapwing eggs incubated by an Oystercatcher. *Scottish Birds* 14: 184-185.
- Swann, R.L. 1985. Highland Oystercatchers. *Ringing & Migration* 6: 55-59.
- Symonds, F.L. & Langslow, D.R. 1984. Geographical origins and movements of shorebirds using the Firth of Forth. *Ringing & Migration* 5: 145-152.
- Symonds, F.L., Langslow, D.R. & Pienkowski, M.W. 1984. Movements of wintering shorebirds within the Firth of Forth: species differences in usage of an intertidal complex. *Biological Conservation* 28: 187-215.
- van Roomen, M., van Turnhout, C., van Winden, E., Koks, B., Goedhart, P., Leopold, M. & Smit, C. 2005. Trends van benthivore watervogels in de Nederlandse Waddenzee 1975-2002: grote erschillen tussen schelpdiereneters en wormeneters. *Limosa* 78: 21-38.
- Watson, A. 1980. Starving Oystercatchers in Deeside after severe snowstorm. *Scottish Birds* 11: 55-56.
- Williamson, K. 1943. The behaviour patterns of the western Oyster-catcher (*Haematopus ostralegus occidentalis* Neumann) in defence of nests and young. *Ibis* 85: 486-490.
- Wilson, A.M. & Browne, S.J. 1999. Breeding population estimates for Lapwing, Oystercatcher, and Curlew in Scotland: results of the 1998 BTO Lapwing survey. *Scottish Birds* 20: 73-80.

144 Black-winged Stilt (11)

- Andrews, I.J. & Naylor, K.A. on behalf of the Scottish Birds Records Committee. 2002. Records of species and subspecies recorded in Scotland on up to 20 occasions. *Scottish Birds* 23: 61-116.
- Anon. 1991. European news. *British Birds* 84: 1-12.
- Baxter, E.V. 1955. Review of ornithological changes in Scotland in 1953. *Scottish Naturalist* 1955: 98-105.
- Campbell, R.P. 1959c. Black-winged Stilt in Renfrewshire. *Scottish Birds* 1: 72.
- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Lees, J. c. 1958. *Birds of the Moray Firth area*. Unpublished manuscript held in the SOC archives, Aberlady.
- Portal, M. 1920. Black-winged Stilt in Wigtownshire. *British Birds* 14: 164.
- Service, R. 1905. The rarer birds of the Solway area. *Transactions of the Dumfriesshire and Galloway Natural History and Antiquarian Society* 17: 423-435.
- Sibbald, R. 1684. *Scotia Illustrata, sive Prodromus Historia Naturalis*. J. Kniblo, J. Solingensis & J. Colmarii, Edinburgh.

145 Pied Avocet (12)

- Boyd, T. 1960. Avocet in East Lothian. *Scottish Birds* 1: 335.
- Brown, A. & Grice, P. 2005. *Birds in England*. T. & A.D. Poyser, London.
- Cadbury, C.J., Hill, D., Partridge, J. & Sorensen, J. 1989. The history of the Avocet population and its management in England since recolonisation. *RSPB Conservation Review* 3: 9-13.
- Cadbury, C.J. & Olney, P.J.S. 1978. Avocet population dynamics in England. *British Birds* 71: 102-121.
- Cook, M. 1992. *The Birds of Moray and Nairn*. The Mercat Press, Edinburgh.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Hill, D. 1988. Population dynamics of the avocet (*Recurvirostra avosetta*) breeding in Britain. *Journal of Animal Ecology* 57: 669-683.
- MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
- Maguire, E. 2005e. Avocets at the Machrihanish Seabird Observatory SW Kintyre August 2002. *Machrihanish Seabird & Wildlife Observatory Report* 2002-2004: 24-25.
- Ogilvie, M. & the Rare Breeding Birds Panel. 2004. Rare breeding birds in the United Kingdom in 2002. *British Birds* 97: 492-536.
- Phillips, I.M. 1997. *Rare and Scarce Birds in North East Scotland*. I.M. Phillips, Cove.

Sim, G. 1903. *The Vertebrate Fauna of 'Dee'*. Wyllie, Aberdeen.

146 Stone-curlew (14)

- Brown, A. & Grice, P. 2005. *Birds in England*. T. & A.D. Poyser, London.
- Clarke, W.E. 1914b. On some migratory birds observed at Fair Isle during the spring and autumn of 1913. *Scottish Naturalist* 1914: 53-55.
- Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
- Elder, H.F.D. 1948. Isle of May Bird Observatory: report, spring and autumn 1946. *Scottish Naturalist* 1948: 177-180.
- Gibbins, C. 2002b. Good luck, bad luck: six Bee-eaters, a Thrush Nightingale and the North-east Scotland Stone Curlew. *Birding Scotland* 5: 80-82.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Kent, S. 1966. Stone Curlew in Lanarkshire. *Scottish Birds* 4: 296.
- Marshall, B. 1972a. Stone Curlew in Peeblesshire. *Scottish Birds* 7: 53-54.
- Midlothian Ornithological Club. 1937. The Isle of May Bird Observatory, spring report, 1937. *Scottish Naturalist* 1937: 125-128.
- Rivers, S.L. 2002b. Stone Curlew records in Scotland. *Birding Scotland* 5: 81-82.
- Smith, M. 1965. Stone Curlew in North Fife. *Scottish Birds* 3: 417.
- Traquair, R.H. 1897. Rare British animals recently added to the Edinburgh Museum of Science and Art. *Annals of Scottish Natural History* 1897: 224-225.
- Turnbull, W.P. 1867. *The Birds of East Lothian and a Portion of the Adjoining Counties*. 2nd Edition. Privately published, Glasgow.
- Williamson, K. 1965. *Fair Isle and its Birds*. Oliver & Boyd, Edinburgh.

147 Cream-coloured Courser (7)

- Baty, D. & Waterston, G. 1966. Cream-coloured Courser in East Lothian. *Scottish Birds* 4: 230-232.
- Baxter, E.V. 1955. Review of ornithological changes in Scotland in 1953. *Scottish Naturalist* 1955: 98-105.
- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Harvie-Brown, J.A. 1868c. Cream-coloured Courser in Lanarkshire. *Zoologist* 26: 1482.
- Naylor, K.A. 1996. *A Reference Manual of Rare Birds in Great Britain and Ireland*. Privately published, Nottingham.
- Stephen, D. 1968. Cream-coloured Coursers in Lanarkshire. *Scottish Birds* 5: 28-29.
- Walker, F. 1868. Cream-coloured Courser in Scotland. *Zoologist* 26: 1459.

148 Collared Pratincole (13)

- Andrews, I.J. & Naylor, K.A. on behalf of the Scottish Birds Records Committee. 2002. Records of species and subspecies recorded in Scotland on up to 20 occasions. *Scottish Birds* 23: 61-116.
- Balfour, E. 1966. Pratincole in Orkney. *Scottish Birds* 4: 90.
- Broad, R.A. 1973. Collared Pratincole on Fair Isle. *Scottish Birds* 7: 259-260.
- Bullock, W. 1813. A account of four rare species of British Birds. *Transactions of the Linnaean Society* 11: 175-178.
- Clarke, W.E. 1908d. Pratincole at the Flannan Islands. *Annals of Scottish Natural History* 1908: 256.
- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Evans, A.H. & Buckley, T.E. 1899. *A Vertebrate Fauna of the Shetland Islands*. David Douglas, Edinburgh.
- Harvie-Brown, J.A. 1900b. Pratincole near Montrose. *Annals of Scottish Natural History* 1900: 51.
- Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Saxby, H.L. 1874. *The Birds of Shetland*. Maclachlan & Stewart, Edinburgh.
- Stables, A. 1924. Pratincole in Morayshire. *Scottish Naturalist* 1924: 8.
- Waterston, G. 1936. Bird notes from Fair Isle. *Scottish Naturalist* 1936: 61-64.

149 Black-winged Pratincole (4)

- Cardno, R. 1979. Black-winged Pratincole in Aberdeenshire. *Scottish Birds* 10: 314-315.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- McCurley, B. 1997. Black-winged Pratincole - an Angus first! Monikie Country Park, Angus, 14th-16th August, 1966. *Angus & Dundee Bird Report* 1996: 60-61.
- Stenhouse, J.H. 1927. Black-winged Pratincole at Fair Isle: first occurrence in Scotland. *Scottish Naturalist* 1927: 111.

150 Little Plover (20)

- Brown, A. & Grice, P. 2005. *Birds in England*. T. & A.D. Poyser, London.
- Cook, M. 2004. The status of the Little Ringed Plover in Moray & Nairn. *Birds in Moray & Nairn* 2003: 90-91.
- Dennis, R.H., Simpson, J.H., Macdonald, M. & Swann, R.L. 1966. Little Ringed Plovers in Scotland in autumn. *Scottish Birds* 4: 224-226.
- Dickson, D. 2003a. Little Ringed Plover breeding in Fife. *Fife Bird Report* 2002: 51.
- Gibson, I. & White, G.T. 1968. Little Ringed Plover in Renfrewshire. *Scottish Birds* 5: 174.
- Harris, E.R. 1950. Little Ringed Plovers in Skye. *British Birds* 43: 131-132.
- Harting, J.E. 1919. The Little Ringed Plover in North Uist. *Scottish Naturalist* 1919: 78.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Ledlie, R.C.B. & Pedler, E.G. 1938. Nesting of the Little Ringed Plover in Hertfordshire. *British Birds* 32: 90-102.
- Maxwell, J. 2003b. Little Ringed Plovers in Scotland. *Scottish Bird News* 70: 10-11.
- McMillan, R.L. 2005. *Skye Birds: an illustrated guide to the birds of Skye*. Skye-birds.com, Elgol.
- Mearns, R. 1995. Little Ringed Plovers attempt breeding in Dumfriesshire. *Scottish Birds* 18: 55.
- Murray, R.D. 1998c. A review of the status of Little Ringed Plover in Scotland. *Scottish Bird Report* 1996: 72-74.
- Oliver, D.W. 1990. Little Ringed Plovers breeding in Fife. *Scottish Birds* 16: 42-43.
- Oliver, D.W. 1998. Little-ringed Plover, second breeding record for the county. *Fife Bird Report* 1997: 120.
- Parrinder, E.D. 1989. Little Ringed Plovers *Charadrius dubius* in Britain in 1984. *Bird Study* 36: 147-153.
- Rowlands, I. & Cook, M. 1997. Little Ringed Plover breeding at Speymouth - new to Moray and Nairn. *Birds in Moray & Nairn* 1996: 79.
- Sim, G. 1903. *The Vertebrate Fauna of 'Dee'*. Wyllie, Aberdeen.
- Stalker, D. 1968. Little Ringed Plover in Lanarkshire. *Scottish Birds* 5: 27.
- Stalker, D. 1969. Little Ringed Plover breeding in Clyde. *Scottish Birds* 5: 282-283.

151 Ringed Plover (59)

- Austin, G. & Rehfisch, M.M. 2003. The likely impact of sea level rise on waders (*Charadrii*) wintering on estuaries. *Journal of Nature Conservation* 11: 43-58.
- Austin, G.E., Peachell, I. & Rehfisch, M.M. 2000. Regional trends in coastal wintering waders in Britain. *Bird Study* 47: 352-371.
- Bannerman, D.A. 1961b. *The Birds of the British Isles*. Volume 10. Oliver & Boyd, Edinburgh.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Booth, C.J. 2000b. Ringed Plover using a covered nest site. *Scottish Birds* 21: 51.
- Brown, A.W. & Brown, L.M. 1985b. BTO Ringed Plover survey 1984. *Lothian Bird Report* 1984: 77-83.
- Buxton, N.E. 1982a. Wintering waders on the Atlantic shores of the Uists and Benbecula. *Scottish Birds* 12: 106-113.
- Buxton, N.E. 1982b. Wintering coastal waders of Lewis and Harris. *Scottish Birds* 12: 38-43.
- Cayford, J.T. & Waters, R.J. 1996. Population estimates for waders *Charadrii* wintering in Great Britain, 1987/88-1991/92. *Biological Conservation* 77: 7-17.
- Clarke, W.E. 1920a. Ringed Plover breeding inland in Midlothian. *Scottish Naturalist* 1920: 150.
- Dennis, R. 1995a. *The Birds of Badenoch and Strathspey*. 2nd Edition. Colin Baxter Photography, Grantown-on-Spey.
- Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
- Evans, A.H. 1911a. *A Fauna of the Tweed Area*. David Douglas, Edinburgh.
- Evans, P.R. 1968. Autumn movements and orientation of waders in northeast England and southern Scotland, studied by radar. *Bird Study* 15: 53-64.
- Fuller, R.J. & Jackson, D.B. 1999. Changes in populations of breeding waders on the machair of North Uist, Scotland, 1983-1998. *Wader Study Group Bulletin* 90: 47-55.
- Fuller, R.J., Reed, T.M., Buxton, N.E., Webb, A., Williams, T.D. & Pienkowski, M.W. 1986. Populations of breeding waders *Charadrii* and their habitats on crofting land on the Outer Hebrides, Scotland. *Biological Conservation* 37: 333-361.
- Harper, W.G. & Harper, H.L. 1976. Ringed Plover swimming. *Scottish Birds* 9: 125.
- Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
- Harvie-Brown, J.A. & Buckley, T.E. 1895. *A Vertebrate Fauna of the Moray Basin*. Two volumes. David Douglas, Edinburgh.
- Harvie-Brown, J.A. & Macpherson, H.A. 1904. *A Fauna of the North-west Highlands and Skye*. David Douglas, Edinburgh.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Jackson, D.B. 1998. The decline and conservation of Uist's breeding waders. *Outer Hebrides Bird Report* 1997: 105-112.
- Jackson, D.B. 2001a. Experimental removal of introduced hedgehogs improves wader success in the Western Isles, Scotland. *Journal of Applied Ecology* 38: 802-812.
- Jackson, D.B., Fuller, R.J. & Campbell, S.T. 2004. Long-term population changes among breeding shorebirds in the

- Outer Hebrides, Scotland, in relation to introduced hedgehogs (*Erinaceus europaeus*). *Biological Conservation* 117: 151-166.
- Jackson, D.B. & Green, R.E. 2000. The importance of the introduced hedgehog (*Erinaceus europaeus*) as a predator of the eggs of waders (*Charadrii*) on the machair in South Uist, Scotland. *Biological Conservation* 93: 333-348.
- Jardine, D.C., Clarke, J. & Clarke, P.M. 1985. Waders wintering on Colonsay and Oronsay. *Scottish Birds* 13: 268-269.
- Jardine, D.C., Clarke, J. & Clarke, P.M. 1986. *The Birds of Colonsay and Oransay*. Stornoway Gazette, Stornoway.
- Jardine, D.C., How, J., Clarke, J. & Clarke, P.M. 2002. Seabirds on Colonsay and Oronsay, Inner Hebrides. *Scottish Birds* 23: 1-9.
- Laidlaw, H. 1913. Ringed Plovers nesting under stones in Orkney. *Scottish Naturalist* 1913: 212.
- Maclean, I.M.D., Austin, G.E., Mellan, H.J. & Girling, T. 2005. *WeBS Alerts 2003/2004: changes in numbers of wintering waterbirds in the United Kingdom, its Constituent Countries, Special Protection Areas (SPAs) and Sites of Special Scientific Interest (SSSIs)*. BTO Research Report 416. BTO, Thetford.
- Moser, M.E. 1987. A revision of population estimates for waders (*Charadrii*) wintering on the coastline of Britain. *Biological Conservation* 39: 153-164.
- Moser, M.E. & Carrier, M. 1983. Patterns of population turnover in Ringed Plovers and Turnstones during their spring passage through the Solway Firth in 1983. *Wader Study Group Bulletin* 39: 37-41.
- Moser, M.E. & Summers, R.W. 1987. Wader populations on the non-estuarine coasts of Britain and Northern Ireland: results of the 1984-85 Winter Shorebird Count. *Bird Study* 34: 71-81.
- Munro, I. 1988. *The Birds of the Pentland Hills*. Scottish Academic Press, Edinburgh.
- Murray, R. 1986. *The Birds of the Borders*. Scottish Ornithologists' Club, Borders Branch, Penicuik.
- Pennington, M.G. 1992. Ringed Plovers nesting in covered sites. *British Birds* 85: 498-499.
- Pienkowski, M.W. 1984a. Behaviour of young Ringed Plovers *Charadrius hiaticula* and its relationship to growth and survival to reproductive age. *Ibis* 126: 133-155.
- Pienkowski, M.W. 1984b. Breeding biology and population dynamics of Ringed Plovers *Charadrius hiaticula* in Britain and Greenland: nest predation as a possible factor limiting distribution and timing of breeding. *Journal of Zoology, London* 202: 83-114.
- Prater, A.J. 1973b. The 1972 midwinter census of waders in Scotland. *Scottish Birds* 7: 391-398.
- Prater, A.J. 1976. Breeding population of the Ringed Plover in Britain. *Bird Study* 23: 155-161.
- Prater, A.J. 1989. Ringed Plover *Charadrius hiaticula* breeding population of the United Kingdom in 1984. *Bird Study* 36: 154-160.
- Reeve, N.J. & Bristow, S. 2001. *Feasibility study on a small-scale translocation of hedgehogs from the Uists to mainland Scotland: a non-lethal alternative to humane killing to achieve hedgehog population reduction*. SNH Commissioned Report F01LC03.
- Rehfisch, M.M., Austin, G.E., Freeman, S.N., Armitage, M.J.S. & Burton, N.H.K. 2004. The possible impact of climate change on the future distributions and numbers of waders on Britain's non-estuarine coast. *Ibis* 146 (supplement 1): 70-81.
- Rehfisch, M.M., Holloway, S.J. & Austin, G.E. 2003b. Population estimates of waders on the non-estuarine coasts of the UK and the Isle of Man during the winter of 1997-98. *Bird Study* 50: 22-32.
- Robertson, J. 1915a. Migration of the Ringed Plover in East Renfrewshire. *Scottish Naturalist* 1915: 46.
- Robertson, J. 1920b. Ringed Plover nesting inland in Clyde. *Scottish Naturalist* 1920: 56.
- Scottish Natural Heritage (SNH). 2002. *Uist Wader Project. Fact sheet number 1: all about Uist waders*.
- Smout, A.-M. 1986. *The Birds of Fife: an outline of their status and distribution*. John Donald, Edinburgh.
- Stroud, D.A. (ed.) 1989. *The Birds of Coll and Tiree: status, habitats and conservation*. NCC/SOC, Edinburgh.
- Summers, R.W., Atkinson, N.K. & Nicoll, M. 1975a. Wintering wader populations on the rocky shores of eastern Scotland. *Scottish Birds* 8: 299-308.
- Summers, R.W. & Buxton, N.E. 1979. Autumn waders in the Outer Hebrides. *The Western Naturalist* 8: 75-82.
- Summers, R.W. & Buxton, N.E. 1983. Winter wader populations on the open shores of northern Scotland. *Scottish Birds* 12: 206-211.
- Summers, R.W., Corse, C.J., Martin, M.W.A. & Meek, E.R. 1991. Shore-bird populations on the Orkney coastline in winter. *Scottish Birds* 16: 90-105.
- Summers, R.W., Ellis, P.M. & Johnston, J.P. 1988a. Waders on the coast of Shetland in winter: numbers and habitat preferences. *Scottish Birds* 15: 71-79.
- Summers, R.W., Underhill, L.G. & Simpson, A. 2002c. Habitat preferences of waders (*Charadrii*) on the coast of the Orkney Islands. *Bird Study* 49: 60-66.
- Taylor, R.C. 1980. Migration of the Ringed Plover. *Ornis Scandinavica* 11: 30-42.
- Venables, L.S.V. & Venables, U.M. 1955. *The Birds and Mammals of Shetland*. Oliver & Boyd, Edinburgh.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
- Waterston, G. 1937b. Bird notes from Fair Isle, 1936. *Scottish Naturalist* 1937: 73-76.

152 Killdeer (7)

- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Gill, R.E., Handel, C.M. & Page, G.W. 1995. *Western North American Shorebirds in Our Living Resources*.

- <http://biology.usgs.gov/s+t/noframe/b021.htm>. Accessed on 21 November 2004.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Pycraft, W.P. 1904. Killdeer Plover at Peterhead in 1867. *Annals of Scottish Natural History* 1904: 247.
- Rabbitts, B. 2005. Killdeer on North Uist, Outer Hebrides, winter 2004/05. *Birding Scotland* 8: 19-21.
- Shand, R. 2002. Blast from the past: Killdeer, Bo'ness, Central, 16th January-20th March 1983. *Birding Scotland* 5: 39-40.
- Suddaby, D. 1994. Killdeer at Hillwell/Brake: the first for Shetland. *Shetland Bird Report* 1993: 120.

153 Kentish Plover (10)

- Clunie, B. 2002. Kentish Plover, Aberlady Bay, Lothian, 11-14th May 2002. *Birding Scotland* 5: 60-61.
- Fraser, P.A. & Rogers, M.J. 2001. Report on scarce migrant birds in Britain in 1999. *British Birds* 94: 560-589.
- Gordon, A.G. 1962. Kentish Plover in Aberdeenshire. *Scottish Birds* 2: 246-247.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Hutchinson, E. & Hardey, J.J.C. 1966. Kentish Plover in Fife. *Scottish Birds* 4: 226.
- Parslow, J.L.F. 1973. *Breeding Birds in Britain and Ireland: a historical survey*. T. & A.D. Poyser, Berkhamsted.
- Riddington, R. 2005. Kentish Plover at Virkie: first for SBC area, 2nd Shetland record. *Shetland Bird Report* 2004: 107-108.
- Rivers, S.L. 2002a. Kentish Plover records in Scotland. *Birding Scotland* 5: 61.
- Sharrock, J.T.R. & the Rare Breeding Birds Panel. 1981. Rare breeding birds in the United Kingdom in 1979. *British Birds* 74: 17-36.
- Williamson, K. 1950b. Fair Isle Bird Observatory - notes on selected species, spring 1949. *Scottish Naturalist* 1950: 17-25.

154 Lesser Sand Plover (4)

- Garner, M., Lewington, I. & Slack, R. 2003. Mongolian and Lesser Sand Plovers: an identification overview. *Birding World* 16: 377-385.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Thomson, I. 2004a. The Lesser Sandplover at Aberlady Bay, July 2004. *Birding Scotland* 7: 107-110.
- Thomson, I. 2004b. The Mongolian Plover in Lothian. *Birding World* 17: 283-285.

155 Greater Sand Plover (10)

- Brown, A. & Gordon, P.R. 1984a. Greater Sand Plover at Aberlady Bay. *Lothian Bird Report* 1982: 63-64.
- Brown, A. & Gordon, P.R. 1987. Greater Sand Plover at Aberlady Bay. *Scottish Birds* 14: 257.
- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Griffin, M. 1999. The Greater Sand Plover in Lothian. *Birding World* 12: 236-237.
- Griffin, M. 2000. Greater Sand Plover at Tynninghame, June 1999. *Lothian Bird Report* 1999: 125-126.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Kitson, A.R., Marr, B.A.E. & Porter, R.F. 1980. Greater Sand Plover: new to Britain and Ireland. *British Birds* 73: 568-573.
- Lea, D. 1982. Greater Sand Plover in Orkney. *Orkney Bird Report* 1981: 59-60.
- Scott, C. & Griffin, M. 1999. Greater Sand Plover at Tynninghame, Lothian, 6th June 1999. *Birding Scotland* 2: 135-137.
- Smith, G., Shaw, K.D. & Webb, A. 1992. Greater Sand Plover on the Don Estuary on 18 and 19 August 1991 - the first record for North-east Scotland. *North-East Scotland Bird Report* 1991: 63-64.

156 Caspian Plover (6)

- BirdLife International. 2005. Species factsheet: *Charadrius asiaticus*. <http://www.birdlife.org>. Accessed on 31 August 2006.
- Gordon, P.R. 1989. Caspian Plover at Aberlady. *Lothian Bird Report* 1988: 87-88.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Heubeck, M. 1997b. Caspian Plover at Skelberry, Dunrossness, 3rd-4th June, the first record for Shetland. *Shetland Bird Report* 1996: 82-83.
- Robertson, I.S. 1996a. The Caspian Plover in Shetland. *Birding World* 9: 219-220.
- Tucker, G.M. & Heath, M.F. 1994. *Birds in Europe: their conservation status*. BirdLife Conservation Series No. 3. BirdLife International, Cambridge.

157 Eurasian Dotterel (32)

- Blackwood, G.G. 1920. Notes on the breeding habits of the Dotterel (*Eudromias morinellus*) in Scotland. *Scottish Naturalist* 1920: 185-194.
- Bolam, G. 1912. *The Birds of Northumberland and the Eastern Borders*. H.H. Blair, Alnwick.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Bree, C.R. 1850. Nests of the *Colymbus arcticus* and *Charadrius morinellus*. *Zoologist* 8: 2954.
- Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
- Evans, A.H. 1911a. *A Fauna of the Tweed Area*. David Douglas, Edinburgh.
- Galbraith, H., Murray, S., Duncan, K., Smith, R., Whitfield, D.P. & Thompson, D.B.A. 1993b. Diet and habitat use of the Dotterel *Charadrius morinellus* in Scotland. *Ibis* 135: 148-155.
- Galbraith, H., Murray, S., Rae, S., Whitfield, D.P. & Thompson, D.B.A. 1993a. Numbers and distribution of Dotterel *Charadrius morinellus* breeding in Great Britain. *Bird Study* 40: 161-169.
- Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.
- Harvie-Brown, J.A. 1905a. Dotterel in the Forth area. *Annals of Scottish Natural History* 1905: 245.
- Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
- Harvie-Brown, J.A. & Buckley, T.E. 1895. *A Vertebrate Fauna of the Moray Basin*. Two volumes. David Douglas, Edinburgh.
- Holt, S., Whitfield, D.P. & Gordon, J. 2002. Potential reproductive rates in the Eurasian Dotterel. *Bird Study* 49: 87-88.
- Muirhead, G. 1889-1895. *The Birds of Berwickshire*. Two volumes. David Douglas, Edinburgh.
- Nethersole-Thompson, D. 1973. *The Dotterel*. Collins, London.
- Nethersole-Thompson, D. & Nethersole-Thompson, M. 1986a. *Waders: their breeding haunts and watchers*. T. & A.D. Poyser, Calton.
- Pulliainen, E. & Saari, L. 1992. Breeding biology of the Dotterel *Charadrius morinellus* in eastern Finnish Lapland. *Ornis Fennica* 69: 101-107.
- Ratcliffe, D.A. 1973. The dotterel as a breeding bird in England. In: Nethersole-Thompson, D. (ed.) *The Dotterel*. pp 190-197. Collins, London.
- Sackl, P. 1993. A review of the current situation of the Dotterel *Charadrius morinellus* in the central Alps of Austria. *Wader Study Group Bulletin* 71: 39-40.
- Shaw, P. & Thompson, D.B.A. (eds) 2006. *The Nature of the Cairngorms: diversity in a changing environment*. TSO, Edinburgh.
- Sim, G. 1903. *The Vertebrate Fauna of 'Dee'*. Wyllie, Aberdeen.
- Tewnion, A. 1969. Dotterel notes from the Cairngorms. *Scottish Birds* 5: 381-384.
- Thévenot, M., Vernon, R. & Bergier, P. 2003. *The Birds of Morocco: an annotated Checklist*. BOU Checklist No. 20. BOU and BOC, Tring.
- Thompson, D.B.A. & Brown, A. 1992. Biodiversity in montane Britain: habitat variation, vegetation diversity and objectives for conservation. *Biodiversity and Conservation* 1: 179-208.
- Thompson, D.B.A., Galbraith, H. & Horsfield, D. 1987. Ecology and resources of Britain's montane plateaux: land use conflicts and impacts. In: Bell, M. & Bunce, R.G.H. (eds) *Agriculture and conservation in the hills and uplands*. pp 22-31. Natural Environment Research Council, Cambridge.
- Thompson, D.B.A. & Whitfield, D.P. 1993. Research on mountain birds and their habitats. *Scottish Birds* 17: 1-8.
- Turnbull, W.P. 1867. *The Birds of East Lothian and a Portion of the Adjoining Counties*. 2nd Edition. Privately published, Glasgow.
- Watson, A. 1955b. Spring records of Dotterel in Wester Ross and the Cairngorms. *Scottish Naturalist* 67: 113.
- Watson, A. 1988. Dotterel *Charadrius morinellus* numbers in relation to human impact in Scotland. *Biological Conservation* 43: 254-256.
- Watson, A. & Rae, R. 1987. Dotterel numbers, habitat and breeding success in Scotland. *Scottish Birds* 14: 191-198.
- Whitfield, D.P. 2002. Status of breeding Dotterel *Charadrius morinellus* in Britain in 1999. *Bird Study* 49: 237-249.
- Whitfield, D.P., Duncan, K., Pullan, D. & Smith, R.D. 1996. Recoveries of Scottish-ringed Dotterel *Charadrius morinellus* in the non-breeding season: evidence for seasonal shifts in wintering distribution. *Ringing & Migration* 17: 105-110.

158 American Golden Plover (11)

- Allison, F.R., Meiklejohn, M.F.M. & Waterston, G. 1959. American Golden Plover on Fair Isle. *Scottish Birds* 1: 68-70.
- British Ornithologists' Union (BOU). 1971. *The Status of Birds in Britain and Ireland*. Blackwell Scientific Publications, Oxford.
- British Ornithologists' Union (BOU). 1986. British Ornithologists' Union Records Committee: 12th Report. *Ibis* 128: 601-603.
- British Ornithologists' Union (BOU). 2006a. British Ornithologists' Union Records Committee: 32nd Report (October

- 2005). *Ibis* 148: 198-201.
- Brown, A. & Hogg, R.H. 1980. Lesser Golden Plover in Dumfriesshire. *Scottish Birds* 11: 24-25.
- Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Knox, A. 1987. Taxonomic status of 'Lesser Golden Plovers'. *British Birds* 80: 482-487.
- Millais, J.G. 1886. American Golden Plover and Richard's Pipit in Scotland. *Zoologist* 1886: 26-27.
- Pym, A. 1982. Identification of Lesser Golden Plover and status in Britain and Ireland. *British Birds* 75: 112-124.

159 Pacific Golden Plover (13)

- British Ornithologists' Union (BOU). 1971. *The Status of Birds in Britain and Ireland*. Blackwell Scientific Publications, Oxford.
- British Ornithologists' Union (BOU). 1986. British Ornithologists' Union Records Committee: 12th Report. *Ibis* 128: 601-603.
- British Ornithologists' Union (BOU). 2006a. British Ornithologists' Union Records Committee: 32nd Report (October 2005). *Ibis* 148: 198-201.
- Byrkjedal, I. & Thompson, D.B.A. 1998. *Tundra Plovers: the Eurasian, Pacific and American Golden Plovers and Grey Plover*. T. & A.D. Poyser, London.
- Crockett, P.S. 2004. North-east Scotland's first Pacific Golden Plover, November 2003. *Birding Scotland* 7: 19-22.
- Davies, T. & Davies, J. 1999a. Pacific Golden Plover on Fetlar - second Shetland record. *Shetland Bird Report* 1998: 91.
- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Hartert, E. 1912-21. *Die Vögel der Paläarktischen Fauna*. Volume 2. Friedländer und Sohn, Berlin.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Knox, A. 1987. Taxonomic status of 'Lesser Golden Plovers'. *British Birds* 80: 482-487.
- Pym, A. 1982. Identification of Lesser Golden Plover and status in Britain and Ireland. *British Birds* 75: 112-124.
- Saunders, H. 1899. *Illustrated Manual of British Birds*. 2nd Edition. Gurney & Jackson, London.
- Stevenson, A. 2004d. Scottish Pacific Golden Plovers - an addendum. *Birding Scotland* 7: 115.

160 European Golden Plover (28)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Batten, L.A., Bibby, C.J., Clement, P., Elliott, G.D. & Porter, R.F. 1990. *Red Data Birds in Britain: action for rare, threatened and important species*. T. & A.D. Poyser, London.
- Boyd, J.M. 1956. Fluctuations of Common Snipe, Jack Snipe and Golden Plover in Tiree, Argyllshire. *Bird Study* 3: 105-118.
- Brown, A. & Ellis, P. 1980. Aberrant Golden Plover. *Scottish Birds* 11: 25.
- Byrkjedal, I. & Thompson, D.B.A. 1998. *Tundra Plovers: the Eurasian, Pacific and American Golden Plovers and Grey Plover*. T. & A.D. Poyser, London.
- Campbell, L.H. 1978a. Notes on the breeding biology of the Golden Plover in southern Scotland. *Edinburgh Ringing Group Report* 6: 34-38.
- Crick, H.Q.P. 1993b. Studies of moorland birds: Merlins and Golden Plover. In: Andrews, J. & Carter, S.P. (eds) *Britain's Birds in 1990-91: the conservation and monitoring review*. BTO/JNCC, Thetford.
- Fuller, R.J. & Lloyd, D. 1981. The distribution and habitats of wintering Golden Plovers in Britain, 1977-1978. *Bird Study* 28: 169-185.
- Gillings, S., Austin, G.E., Fuller, R.J. & Sutherland, W.J. 2005. Diurnal studies do not predict nocturnal habitat choice and site selection of european golden-plovers (*Pluvialis apricaria*) and northern lapwings (*Vanellus vanellus*). *Auk* 122: 1249-1260.
- Gillings, S., Austin, G.E., Fuller, R.J. & Sutherland, W.J. 2006. Distribution shifts in wintering Golden Plover *Pluvialis apricaria* and Lapwing *Vanellus vanellus* in Britain. *Bird Study* 53: 274-284.
- Gregory, R.D. 1987. Comparative winter feeding ecology of Lapwings *Vanellus vanellus* and Golden Plovers *Pluvialis apricaria* on cereals and grasslands in the Lower Derwent Valley, North Yorkshire. *Bird Study* 34: 244-250.
- Haworth, P.F. & Thompson, D.B.A. 1990. Factors associated with the breeding distribution of upland birds in the south Pennines, England. *Journal of Applied Ecology* 27: 562-577.
- Parr, R. 1979. Sequential breeding by Golden Plovers. *British Birds* 72: 499-503.
- Parr, R. 1980. Population study of Golden Plover *Pluvialis apricaria* using marked birds. *Ornis Scandinavica* 11: 179-189.
- Parr, R. 1992. The decline to extinction of a population of Golden Plover in north-east Scotland. *Ornis Scandinavica* 23: 152-158.
- Ratcliffe, D.A. 1976. Observations on the breeding of the Golden Plover in Great Britain. *Bird Study* 23: 63-116.

- Ratcliffe, D.A. 1990. *Bird Life of Mountain and Upland*. Cambridge University Press, Cambridge.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Reed, T.M., Langslow, D.R. & Symonds, F.L. 1983c. Breeding waders of the Caithness flows. *Scottish Birds* 12: 180-186.
- Sim, I.M.W., Gregory, R.D., Hancock, M.H. & Brown, A.F. 2005. Recent changes in the abundance of British upland breeding birds. *Bird Study* 52: 261-275.
- Smith, R.W.J. 1957. 'Northern' Golden Plovers in Midlothian in spring. *Scottish Naturalist* 1957: 84-88.
- Summers, R.W., Corse, C.J., Martin, M.W.A. & Meek, E.R. 1991. Shore-bird populations on the Orkney coastline in winter. *Scottish Birds* 16: 90-105.
- Whitfield, D.P. 1997. Waders (Charadriidae) on Scottish blanket bogs: recent changes in numbers of breeding birds. In: Parkyn, I., Stoneman, R.E. & Ingram, H.A.P. (eds) *Conserving Peatlands*. pp 103-111. Centre for Agriculture and Bioscience International, Wallingford.
- Wynne-Edwards, V.C. 1957b. The so-called 'Northern Golden Glover'. *Scottish Naturalist* 1957: 89-93.
- Yalden, D.W. & Pearce-Higgins, J.W. 1997. Density-dependence and winter weather as factors effecting the size of a population of Golden Plovers *Pluvialis apricaria*. *Bird Study* 44: 227-234.
- Yalden, D.W. & Yalden, P.E. 1989. The sensitivity of breeding Golden Plovers *Pluvialis apricaria* to human intruders. *Bird Study* 36: 49-55.
- Yalden, N.W. & Yalden, P.E. 1988. *Golden Plovers and recreational disturbance*. Report to NCC, Peterborough.
- Yalden, N.W. & Yalden, P.E. 1991. Efficiency of censusing Golden Plovers. *Wader Study Group Bulletin* 62: 32-36.

161 Grey Plover (11)

- Austin, G. & Rehfisch, M.M. 2005. Shifting non-breeding distributions of migratory fauna in relation to climate change. *Global Change Biology* 11: 31-38.
- Austin, G.E., Peachell, I. & Rehfisch, M.M. 2000. Regional trends in coastal wintering waders in Britain. *Bird Study* 47: 352-371.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Branson, N.J.B.A. & Minton, C.D.T. 1976. Moult, measurements and migration of the Grey Plover. *Bird Study* 23: 257-266.
- Byrkjedal, I. & Thompson, D.B.A. 1998. *Tundra Plovers: the Eurasian, Pacific and American Golden Plovers and Grey Plover*. T. & A.D. Poyser, London.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Henderson, T. 1907. Grey Plover, Woodcock and Great Crested Grebe in Shetland in winter. *Annals of Scottish Natural History* 1907: 117-118.
- Maclean, I.M.D., Austin, G.E., Mellan, H.J. & Girling, T. 2005. *WeBS Alerts 2003/2004: changes in numbers of wintering waterbirds in the United Kingdom, its Constituent Countries, Special Protection Areas (SPAs) and Sites of Special Scientific Interest (SSSIs)*. BTO Research Report 416. BTO, Thetford.
- MacRury, J. 1893. Gray Plover (*Squatarola helvetica*) in Barra. *Annals of Scottish Natural History* 1893: 116.
- Prater, A.J. 1981. *Estuary Birds of Britain and Ireland*. T. & A.D. Poyser, Calton.
- Robertson, J. 1905. Shoveller, Grey Plover, Greenshank, and Great Northern Diver in Bute. *Annals of Scottish Natural History* 1905: 54.

162 Sociable Lapwing (8)

- Balfour, E. 1969. Sociable Plovers in Orkney. *Scottish Birds* 5: 467-468.
- BirdLife International. 2000. *Threatened Birds of the World*. Lynx Edicions, Barcelona & Cambridge.
- BirdLife International. 2004b. BirdLife steps in to save Sociable Lapwing.
http://www.birdlife.net/news/news/2004/05/sociable_lapwing.html. Accessed on 1 June 2004.
- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Gantlett, S.J.M., Harrap, S. & Millington, R. 2004. Western Palearctic news. *Birding World* 17: 192-199.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Mackenzie, P.H. 1927. The Sociable Plover – first occurrence in Scotland. *Scottish Naturalist* 1927: 157.
- Tomkovich, P.S. & Lebedeva, E.A. 2002. International single species action plan for the conservation of the Sociable Lapwing (*Vanellus gregarius*). www.unep-aewa.org/publications/technical_series.htm. Accessed on 15 March 2006.

163 Northern Lapwing (45)

- Baines, D. 1989. The effects of improvement of upland, marginal grasslands on the breeding success of Lapwings *Vanellus vanellus* and other waders. *Ibis* 131: 497-506.

- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Calbrade, N., Entwistle, C.A., Smith, A.J. & Spencer, K.G. 2001. Roof assemblies of lapwings and plovers in Britain. *British Birds* 94: 35-38.
- Catchpole, E.A., Morgan, B.J.T., Freeman, S.N. & Peach, W.J. 1999. Modelling the survival of British Lapwings *Vanellus vanellus* using ring-recovery data and weather covariates. *Bird Study* 46 (supplement): 5-13.
- da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
- Dickens, M. 2001. *Insh Marshes breeding Lapwing study 2000-2001*. Unpublished report. RSPB, Sandy.
- Dougall, T. 1996a. Oystercatcher apparently rearing Lapwings. *Scottish Birds* 18: 184.
- Dougall, T. 1998. Oystercatcher incubating Lapwing clutch. *Scottish Birds* 19: 181.
- Easterbee, N. & Pitkin, P.H. 1984. *Survey of breeding birds on moorland in south Scotland and north England*. SFSU Report S13. SNH.
- French, P., Insley, H., Siriwardena, G. & Buxton, N. 2000. The breeding success of a population of Lapwings in part of Strathspey 1996-1998. *Scottish Birds* 21: 98-108.
- Galbraith, H. 1988. Effects of agriculture on the breeding ecology of lapwings *Vanellus vanellus*. *Journal of Applied Ecology* 25: 487-503.
- Galbraith, H. 1989. Arrival and habitat use by Lapwings *Vanellus vanellus* in the early breeding season. *Ibis* 131: 377-388.
- Galbraith, H., Furness, R.W. & Fuller, R.J. 1984. Habitats and distribution of waders breeding on Scottish agricultural land. *Scottish Birds* 13: 98-107.
- Gillings, S., Austin, G.E., Fuller, R.J. & Sutherland, W.J. 2005. Diurnal studies do not predict nocturnal habitat choice and site selection of european golden-plovers (*Pluvialis apricaria*) and northern lapwings (*Vanellus vanellus*). *Auk* 122: 1249-1260.
- Gillings, S., Austin, G.E., Fuller, R.J. & Sutherland, W.J. 2006. Distribution shifts in wintering Golden Plover *Pluvialis apricaria* and Lapwing *Vanellus vanellus* in Britain. *Bird Study* 53: 274-284.
- Gregory, R.D. 1987. Comparative winter feeding ecology of Lapwings *Vanellus vanellus* and Golden Plovers *Pluvialis apricaria* on cereals and grasslands in the Lower Derwent Valley, North Yorkshire. *Bird Study* 34: 244-250.
- Harvey, P.V. 2003. The Shetland Breeding Bird Survey 2002 and an estimate of the population size of some of Shetland's commoner breeding birds. *Shetland Bird Report* 2002: 108-110.
- Jackson, D.B. 2001a. Experimental removal of introduced hedgehogs improves wader success in the Western Isles, Scotland. *Journal of Applied Ecology* 38: 802-812.
- Jackson, D.B., Fuller, R.J. & Campbell, S.T. 2004. Long-term population changes among breeding shorebirds in the Outer Hebrides, Scotland, in relation to introduced hedgehogs (*Erinaceus europaeus*). *Biological Conservation* 117: 151-166.
- Macaulay Institute for Soil Research (MISR). 1982a. *Soil and Land Capability for Agriculture*. Macaulay Institute for Soil Research, Aberdeen.
- McKeever, C.U. 2003. *Linking grassland management, invertebrates and Northern Lapwing productivity*. Unpublished PhD thesis, University of Stirling.
- Mead, C.J., Flegg, J.J.M. & Cox, C.J. 1968. A factor inhibiting subspecific differentiation in the Lapwing. *Bird Study* 15: 105-106.
- O'Brien, M. 1994. *Surveys of breeding waders on Scottish Lowlands*. Interim Report. RSPB, Sandy.
- O'Brien, M. 1996. The numbers of breeding waders in lowland Scotland. *Scottish Birds* 18: 231-241.
- O'Brien, M., Tharme, A. & Jackson, D. 2002. Changes in breeding wader numbers on Scottish farmed land during the 1990s. *Scottish Birds* 23: 10-21.
- O'Brien, M. & Whyte, C.S. 2004. Estimating the breeding wader populations of Scottish uplands and salt marshes. *Scottish Birds* 24 (2): 17-28.
- O'Brien, M.G. 2001. *Factors affecting breeding wader populations on upland enclosed farmland in Northern Britain*. Unpublished PhD thesis, University of Edinburgh.
- O'Brien, M.G. 2005. Estimating the number of farmland waders breeding in the United Kingdom. *International Wader Studies* 14: 135-139.
- Picozzi, N., Catt, D.C. & Cummins, R.P. 1996. Breeding waders in the Cairngorm Straths ESA in 1995. *Scottish Birds* 18: 197-204.
- Pollitt, M.S., Hall, C., Holloway, S.J., Hearn, R.D., Marshall, P.E., Musgrove, A.J., Robinson, J.A. & Cranswick, P.A. 2003. *The Wetland Bird Survey 2000-01: wildfowl and wader counts*. BTO/WWT/RSPB/JNCC, Slimbridge.
- Prater, A.J. 1981. *Estuary Birds of Britain and Ireland*. T. & A.D. Poyser, Calton.
- Purvey, M. 1985b. Oystercatcher laying in Lapwing nest. *Scottish Birds* 13: 270.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Redfern, C.P.F. 1982. Lapwing nest sites and chick mobility in relation to habitat. *Bird Study* 29: 201-208.
- Rehfisch, M.M., Austin, G.E., Armitage, M.J.S., Atkinson, P.W., Holloway, S.J., Musgrove, A.J. & Pollitt, M.S. 2003a. Numbers of wintering waterbirds in Great Britain and the Isle of Man (1994/1995-1998/1999): II. Coastal waders (Charadrii). *Biological Conservation* 112: 329-341.
- Robinson, A. 1998. Double brooding by Lapwings. *Scottish Birds* 19: 246.
- Rout, F. 1999. *Studies on Lapwing productivity, Loch Gruinart Reserve 1995-1999*. Unpublished report. RSPB, Sandy.

- Russell-Ferguson, M. 1958. Unusual colour of Lapwing's eggs. *Scottish Birds* 1: 13.
- Scottish Natural Heritage (SNH). 2002. *Uist Wader Project. Fact sheet number 1: all about Uist waders*.
- Short, W. 1935. Strange nesting places of the Lapwing. *Scottish Naturalist* 1935: 147.
- Shrubb, M. 1990. Effects of agricultural change on nesting Lapwings *Vanellus vanellus* in England and Wales. *Bird Study* 37: 115-127.
- Speakman, J.R. 1987. Mixed clutch of Oystercatcher and Lapwing eggs incubated by an Oystercatcher. *Scottish Birds* 14: 184-185.
- Taylor, I.R. & Grant, M.C. 2004. Long term trends in the abundance of breeding Lapwing *Vanellus vanellus* in relation to land use change on upland farmland in southern Scotland. *Bird Study* 51: 133-142.
- Thompson, P.S., Baines, D., Coulson, J.C. & Longrigg, G. 1994. Age at first breeding, philopatry and breeding site-fidelity in the Lapwing *Vanellus vanellus*. *Ibis* 136: 474-484.
- Wilson, A.M. & Browne, S.J. 1999. Breeding population estimates for Lapwing, Oystercatcher, and Curlew in Scotland: results of the 1998 BTO Lapwing survey. *Scottish Birds* 20: 73-80.

164 Great Knot (6)

- Batty, C. 2004. The Great Knot in Lancashire. *Birding World* 17: 332-333.
- Ellis, P.M. 1989. Great Knot in Shetland – a new British bird. *Birding World* 2: 313-315.
- Ellis, P.M. 1992a. Great Knot: new to Britain and Ireland. *British Birds* 85: 426-429.
- Gantlett, S., Harrap, S., Millington, R. & Robinson, R. 1996. The Great Knot on Teesside. *Birding World* 9: 394.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.

165 Red Knot (23)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Boyd, H. & Piersma, T. 2001. Why do few Afro-Siberian Knots *Calidris canutus canutus* now visit Britain? *Bird Study* 48: 147-158.
- Burton, N.H.K., Armitage, M.J.S., Musgrove, A.J. & Rehfisch, M.M. 2002. Impacts of man-made landscape features on numbers of estuarine waterbirds at low tide. *Environmental Management* 30: 857-864.
- Collier, M.P., Banks, A.N., Austin, G.E., Girling, T., Hearn, R.D. & Musgrove, A.J. 2005. *The Wetland Bird Survey 2003/04: wildfowl and wader counts*. BTO/WWT/RSPB/JNCC, Slimbridge.
- Darling, F.F. & Boyd, J.M. 1964. *The Highlands and Islands*. Collins, London.
- Davidson, N.C., Strann, K.B., Crockford, N.J., Evans, P.R., Richardson, J., Standen, L.J., Townshend, D.J., Uttley, J.D., Wilson, J.R. & Wood, A.G. 1986. The origins of Knot *Calidris canutus* in Arctic Norway in spring. *Ornis Scandinavica* 17: 175-179.
- Dick, W.J.A., Pienkowski, M.W., Waltner, M. & Minton, C.D.T. 1976. Distribution and geographical origin of Knot *Calidris canutus* wintering in Europe and Africa. *Ardea* 64: 22-47.
- Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
- Maclean, I.M.D., Austin, G.E., Mellan, H.J. & Girling, T. 2005. *WeBS Alerts 2003/2004: changes in numbers of wintering waterbirds in the United Kingdom, its Constituent Countries, Special Protection Areas (SPAs) and Sites of Special Scientific Interest (SSSIs)*. BTO Research Report 416. BTO, Thetford.
- McMillan, R.L. 2005. *Skye Birds: an illustrated guide to the birds of Skye*. Skye-birds.com, Elgol.
- Mitchell, J.R., Moser, M.E. & Kirkby, J.S. 1988. Declines in midwinter counts of various waders roosting on the Dee estuary. *Bird Study* 35: 191-198.
- Moser, M.E. & Summers, R.W. 1987. Wader populations on the non-estuarine coasts of Britain and Northern Ireland: results of the 1984-85 Winter Shorebird Count. *Bird Study* 34: 71-81.
- Musgrove, A.J., Langston, R.H.W., Baker, H. & Ward, R.M. (eds) 2003. *Estuarine Waterbirds at Low Tide: the WeBS Low Tide Counts 1992/93 to 1998/99*. WG/BTO/WWT/RSPB/JNCC, Thetford.
- Piersma, T. 1994. *Close to the edge: energetic bottlenecks and the evolution of migratory pathways in Knots*. Unpublished PhD thesis, University of Groningen, the Netherlands.
- Reed, T.M., Currie, A. & Love, J.A. 1983a. Birds of the Inner Hebrides. *Proceedings of the Royal Society of Edinburgh* B83: 449-472.
- Rehfisch, M.M., Holloway, S.J. & Austin, G.E. 2003b. Population estimates of waders on the non-estuarine coasts of the UK and the Isle of Man during the winter of 1997-98. *Bird Study* 50: 22-32.
- Rehfisch, M.M., Insley, H. & Swann, B. 2003c. Fidelity of overwintering shorebirds to roosts on the Moray Basin, Scotland: implications for predicting impacts of habitat loss. *Ardea* 91: 53-70.
- Swann, R.L. & Etheridge, B. 1996. Movements of waders to and from the Moray Firth. *Ringing & Migration* 17: 111-121.
- Symonds, F.L., Langslow, D.R. & Pienkowski, M.W. 1984. Movements of wintering shorebirds within the Firth of Forth: species differences in usage of an intertidal complex. *Biological Conservation* 28: 187-215.

- Thorpe, A.W. 2001. *North Sea Bird Club 21st Anniversary Report*. North Sea Bird Club, Aberdeen.
- Tomkovich, P.S. 2001. A new subspecies of Red Knot *Calidris canutus* from the New Siberian islands. *Bulletin of the British Ornithologists' Club* 121: 257-263.
- Wetlands International. 1999. *Report on the Conservation Status of Migratory Waterbirds in the Agreement Area*. Report to the Secretariat of the Agreement on the Conservation of African-Eurasian Migratory Waterbirds.
- Wilson, J. 2004a. The Red Knots of northern Norway revisited. *Wader Study Group Bulletin* 105: 21-22.

166 Sanderling (33)

- Bannerman, D.A. 1961a. *The Birds of the British Isles*. Volume 9. Oliver & Boyd, Edinburgh.
- Burger, J., Howe, M.A., Hahn, C. & Chase, J. 1977. Effects of tide cycles on habitat selection and habitat partitioning by migrating shorebirds. *Auk* 94: 743-758.
- Cayford, J.T. & Waters, R.J. 1996. Population estimates for waders Charadrii wintering in Great Britain, 1987/88-1991/92. *Biological Conservation* 77: 7-17.
- Clark, N.A., Turner, B.S. & Young, J.F. 1982. Spring passage of Sanderlings *Calidris alba* on the Solway Firth. *Wader Study Group Bulletin* 36: 10-11.
- Collier, M.P., Banks, A.N., Austin, G.E., Girling, T., Hearn, R.D. & Musgrove, A.J. 2005. *The Wetland Bird Survey 2003/04: wildfowl and wader counts*. BTO/WWT/RSPB/JNCC, Slimbridge.
- Connors, P.G., Myers, J.P., Connors, C.S.W. & Pitelka, F.A. 1981. Interhabitat movements by Sanderlings in relation to foraging profitability and the tide cycle. *Auk* 98: 49-64.
- Dennis, R. 1995a. *The Birds of Badenoch and Strathspey*. 2nd Edition. Colin Baxter Photography, Grantown-on-Spey.
- Elkins, N. 2006. Waterfowl counts on the Tay Estuary. *Scottish Birds* 26: 30-38.
- Gudmundsson, G.A. 1992. *Flight and migration strategies of birds at polar latitudes*. Unpublished Doctoral thesis, Lund University, Sweden.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Lynch, B.M. 1993. *Sanderlings Calidris alba on the Tay Estuary during the non-breeding season*. Unpublished MSc thesis, University of Dundee.
- Lynch, B.M. & Nicoll, M. 1995. A biometrical comparison of two Scottish populations of Sanderlings *Calidris alba*. *Tay Ringing Group Report* 1992-93: 16-24.
- Maclean, I.M.D., Austin, G.E., Mellan, H.J. & Girling, T. 2005. *WeBS Alerts 2003/2004: changes in numbers of wintering waterbirds in the United Kingdom, its Constituent Countries, Special Protection Areas (SPAs) and Sites of Special Scientific Interest (SSSIs)*. BTO Research Report 416. BTO, Thetford.
- Maron, J.L. & Myers, J.P. 1984. The description and evaluation of two techniques for sexing wintering Sanderlings. *Journal of Field Ornithology* 55: 336-342.
- Meltofte, H., Blew, J., Frikkie, J., Röner, H.-U. & Smit, C.J. 1994. Numbers and distribution of water birds in the Wadden Sea. Results and evaluation of 36 simultaneous counts in the Dutch-German-Danish Wadden Sea 1980-1991. *Wader Study Group Bulletin* 74 (Special Issue): 17-192.
- Moser, M.E. 1987. A revision of population estimates for waders (Charadrii) wintering on the coastline of Britain. *Biological Conservation* 39: 153-164.
- Moser, M.E. & Summers, R.W. 1987. Wader populations on the non-estuarine coasts of Britain and Northern Ireland: results of the 1984-85 Winter Shorebird Count. *Bird Study* 34: 71-81.
- Myers, J.P., Connors, P.G. & Pitelka, F.A. 1979. Territory size in winter Sanderlings. *Auk* 96: 551-561.
- Myers, J.P., Maron, J.L. & Sallaberry, M. 1985. Going to extremes: why do Sanderlings migrate to the Neotropics? *American Ornithologists Union Monographs* 36: 520-535.
- Myers, J.P., Sallaberry, M., Ortiz, E., Castro, G., Gordon, L.M., Maron, J.L., Schick, C.T., Tabilo, E., Antas, P. & Belon, T. 1990. Migration routes of New World Sanderling *Calidris alba*. *Auk* 107: 172-180.
- Pollitt, M.S., Hall, C., Holloway, S.J., Hearn, R.D., Marshall, P.E., Musgrove, A.J., Robinson, J.A. & Cranswick, P.A. 2003. *The Wetland Bird Survey 2000-01: wildfowl and wader counts*. BTO/WWT/RSPB/JNCC, Slimbridge.
- Prater, A.J. & Davis, M. 1978. Wintering Sanderlings in Britain. *Bird Study* 25: 33-38.
- Rehfisch, M.M., Holloway, S.J. & Austin, G.E. 2003b. Population estimates of waders on the non-estuarine coasts of the UK and the Isle of Man during the winter of 1997-98. *Bird Study* 50: 22-32.
- Robinson-Dean, J. & Ribbands, B. 2004. *Final report East Sanday Coast SPA – wintering and passage waders*. Unpublished report. SNH.
- Summers, R.W. 1974. Sanderlings in the Firth of Tay. *Tay Ringing Group Report* 1974: 12-14.
- Summers, R.W. 1990. Inter-island flights by Sanderlings at dusk and dawn in Orkney. *Scottish Birds* 16: 46.
- Summers, R.W., Corse, C.J., Martin, M.W.A. & Meek, E.R. 1991. Shore-bird populations on the Orkney coastline in winter. *Scottish Birds* 16: 90-105.
- Swann, R.L. & Mudge, G.P. 1989. Moray basin wader populations. *Scottish Birds* 15: 97-105.
- Thomas, K., Kvitek, R.G. & Bretz, C. 2003. Effects of human activity on the foraging behaviour of Sanderlings *Calidris alba*. *Biological Conservation* 109: 67-71.
- Underhill, L.G. 1985. Estimating the parameters for primary moult - a new statistical method. *Wader Study Group Bulletin* 44: 27-29.

- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
- Waters, R.J., Cranswick, P.A., Evans, J. & Pollitt, M.S. 1996. *The Wetland Bird Survey 1994-95: wildfowl and wader counts*. BTO/WWT/RSPB/JNCC, Slimbridge.
- Wood, A.G. 1987. Discriminating the sex of Sanderlings *Calidris alba*: some results and their implications. *Bird Study* 34: 200-204.

167 Semipalmated Sandpiper (12)

- Bull, A. 2003b. The Semipalmated Sandpiper on Fair Isle, 13th August 2003. *Birding Scotland* 6: 151-153.
- Garner, M. 2005. The Fair Isle sandpiper: a review. *British Birds* 98: 356-364.
- Harrop, H. 1997. Semipalmated Sandpiper at Pool of Virkie, 11th-22nd September, the first record for the Bird Club recording area. *Shetland Bird Report* 1996: 83.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Holloway, J. 1994. Semi-palmated Sandpiper on Stronsay; second Scottish record. *Scottish Birds* 17: 173-174.
- Murray, A. 2000b. North American waders in Scotland, the autumn of 1999 - a record influx. *Birding Scotland* 3: 12-13.
- Nisbet, I.C.T. 1963. Western Sandpiper on Fair Isle, Shetland (1956). *British Birds* 56: 55-58.
- Prowse, A.D. 2006. Identification of the Fair Isle sandpiper - a statistical analysis. *British Birds* 99: 149-151.
- Votier, S. 2002. Semipalmated Sandpiper at Uyeasound: second for SBC area; third Shetland record. *Shetland Bird Report* 2001: 91-92.
- Votier, S.C. 1992. Semi-palmated Sandpiper on Fair Isle. *Scottish Birds* 16: 277-279.
- Walsh, T. 2006. The Fair Isle sandpiper. *British Birds* 99: 46.
- Williamson, K. & Alexander, H.G. 1957. Semipalmated Sandpiper at Fair Isle: a bird new to Scotland. *Scottish Naturalist* 1957: 145-147.

168 Western Sandpiper (8)

- Andrews, I.J. 1997. The Western Sandpiper in Lothian. *Birding World* 10: 302-304.
- Andrews, I.J. 1998. Western Sandpiper at Musselburgh, August 1997. *Lothian Bird Report* 1997: 103-106.
- British Ornithologists' Union (BOU). 2007. British Ornithologists' Union Records Committee: 34th Report (October 2006). *Ibis* 149: 194-197.
- Garner, M. 2005. The Fair Isle sandpiper: a review. *British Birds* 98: 356-364.
- Hague, K. 1999. Western Sandpiper on Orkney, 28th September to 3rd October 1998. *Birding Scotland* 2: 78.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Nisbet, I.C.T. 1963. Western Sandpiper on Fair Isle, Shetland (1956). *British Birds* 56: 55-58.
- Shaw, K.D. & Harvey, P.V. 1998. Dealing with difficult rarities - their identification and assessment. Number one: juvenile Western Sandpiper, Shetland, September 1988. *Birding Scotland* 1: 130-136.

169 Red-necked Stint (4)

- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Riddington, R. 1994. The Red-necked Stint on Fair Isle - the first juvenile for Europe. *Birding World* 7: 355-358.
- Riddington, R. 2000. Red-necked Stint in Shetland, July 2000. *Birding Scotland* 3: 160-161.
- Riddington, R. 2001. Red-necked Stint at Pool of Virkie - first SBC area record; second Shetland record. *Shetland Bird Report* 2000: 93.

170 Little Stint (17)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Anon. 1960b. Current notes. *Scottish Birds* 1: 338-345.
- Blomqvist, S., Holmgren, N., Åkesson, S., Hedenstrom, A. & Pettersson, J. 2002. Indirect effects of lemming cycles on sandpiper dynamics: 50 years of counts from southern Sweden. *Oecologia* 133: 146-158.
- Crawford, W. 1960. Exceptional numbers of Little Stints in Morayshire. *Scottish Birds* 1: 333.
- Fotheringham, D. 1999. Influx of Little Stint and Curlew Sandpiper [in Fife], 1998. *Fife Bird Report* 1998: 62-64.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Hope, J.A.D. 1966. Temminck's and Little Stints in East Lothian in spring. *Scottish Birds* 4: 229-230.
- Jonsson, L. & Grant, P.J. 1984. Identification of stints and peeps. *British Birds* 77: 293-315.
- Mason, C.F. 1969. Waders and terns in Leicestershire and an index of relative abundance. *British Birds* 62: 523-533.
- Middlemiss, E. 1961. Biological aspects of *Calidris minuta* while wintering in the south-west Cape. *Ostrich* 32: 107-

- Nisbet, I.C.T. & Vine, A.E. 1956. Migration of Little Stints, Curlew Sandpipers and Ruffs through Great Britain in the autumn of 1953. *British Birds* 49: 121-134.
- Oliver, J.D. 1966b. A big flock of Little Stints. *Scottish Birds* 4: 228.
- Pearson, D.J. 1984. The moult of the Little Stint *Calidris minuta* in the Kenyan Rift Valley. *Ibis* 126: 1-15.
- Scott, C. 1998. Autumn wader passage at Cobbinshaw Reservoir in 1996. *Lothian Bird Report* 1996: 105-106.
- Summers, R.W. & Underhill, L.G. 1987. Factors related to breeding production of Brent Geese *Branta b. bernicla* and waders (Charadrii) on the Taimyr Peninsula. *Bird Study* 34: 161-171.
- Sutherland, W.J. 1988. Predation may link the cycles of lemmings and birds. *Trends in Ecology and Evolution* 3: 29-30.
- Tree, A.J. 1974. Ageing and sexing the Little Stint. *Safring News* 3: 31-33.

171 Temminck's Stint (28)

- Bannerman, D.A. 1961a. *The Birds of the British Isles*. Volume 9. Oliver & Boyd, Edinburgh.
- Batten, L.A., Bibby, C.J., Clement, P., Elliott, G.D. & Porter, R.F. 1990. *Red Data Birds in Britain: action for rare, threatened and important species*. T. & A.D. Poyser, London.
- Boyd, T., Smith, E.M. & Smith, R.W.J. 1966. Temminck's Stint in East Lothian. *Scottish Birds* 4: 88-89.
- Breiehagen, T. 1989. Nesting biology and mating system in an alpine population of Temminck's Stint *Calidris temminckii*. *Ibis* 131: 389-402.
- Clarke, W.E. 1912a. *Studies in Bird Migration*. Two volumes. Gurney & Jackson, London.
- Crapnell, V.S. 1934. Temminck's Stint nesting in Scotland. *Naturalist* 1934: 193-195.
- Dennis, R.H. 1972. Temminck's Stints nesting in Scotland. *British Birds* 65: 481.
- Edwards, G.R. 1934. Breeding of Temminck's Stint in Scotland. *British Birds* 28: 97-99.
- Edwards, G.R. 1938. With Temminck's Stint in Scotland. *Naturalist* 1938: 321.
- Fleming, D. 1971. Temminck's Stint in Stirlingshire. *Scottish Birds* 6: 332-333.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Headlam, C.G. 1972. Temminck's Stints breeding in Scotland. *Scottish Birds* 7: 94.
- Hildén, O. 1975. Breeding system of Temminck's Stint *Calidris temminckii*. *Ornis Fennica* 52: 117-144.
- Hope, J.A.D. 1966. Temminck's and Little Stints in East Lothian in spring. *Scottish Birds* 4: 229-230.
- Kalejta-Summers, B. 2004. *Survey of breeding Temminck's Stint Calidris temminckii in Ross-shire, 2004*. Confidential report. SNH, Dingwall.
- Lowe, P.R. 1934. Exhibition of, and remarks on, a well-authenticated clutch of four eggs of Temminck's Stint laid in the British Isles. *Bulletin of the British Ornithologists' Club* 55: 7-8.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- Mitchell, J. 1983. Nesting of Temminck's Stint in Dunbartonshire in 1979. *Loch Lomond Bird Report* 11: 12-13.
- Mudge, G.P. 1988. *Breeding habitats of Temminck's Stints in Northern Scotland*. Unpublished report. NCC, Northern Scotland.
- Mudge, G.P. & Dennis, R.H. 1995. History of breeding by Temminck's Stint in Britain. *British Birds* 88: 573-577.
- Nethersole-Thompson, D. & Nethersole-Thompson, M. 1986a. *Waders: their breeding haunts and watchers*. T. & A.D. Poyser, Calton.
- Ogilvie, M. & the Rare Breeding Birds Panel. 1996b. Rare breeding birds in the United Kingdom in 1994. *British Birds* 89: 387-417.
- Ogilvie, M. & the Rare Breeding Birds Panel. 2000. Rare breeding birds in the United Kingdom in 1998. *British Birds* 93: 358-393.
- Ogilvie, M. & the Rare Breeding Birds Panel. 2003. Rare breeding birds in the United Kingdom in 2001. *British Birds* 96: 476-519.
- Rintoul, L.J. & Baxter, E.V. 1935. *A Vertebrate Fauna of Forth*. Oliver & Boyd, Edinburgh & London.
- Slack, R. 2004. Temminck's Stints in spring 2004 - a record influx.
<http://www.birdguides.com/birdnews/article.asp?a=430>. Accessed on 15 May 2006.
- Southern, H.N. & Lewis, W.A.S. 1938. The breeding behaviour of Temminck's Stint. *British Birds* 31: 314-321.
- White, G.T. & Gibson, I. 1969. Temminck's Stint in Renfrewshire. *Scottish Birds* 5: 283-284.

172 Least Sandpiper (5)

- Baxter, E.V. 1957b. Review of ornithological changes in Scotland in 1956. *Scottish Naturalist* 1957: 170-177.
- Eddie, W.M.M. & Norden, D.J. 1967. Least Sandpiper in Clyde. *Scottish Birds* 4: 504-506.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.
- Swallow, J.L., McKee, J. & Shaw, K.D. 1989. Least Sandpiper at Rigifa Pool, Cove, 31 July - 4 August 1988. *North-East Scotland Bird Report* 1988: 61-62.

173 White-rumped Sandpiper (12)

- Balfour, E. 1971. White-rumped Sandpiper in Orkney. *Scottish Birds* 6: 446.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Cunningham, W.A.J. & Meiklejohn, M.F.M. 1967. White-rumped Sandpiper in Outer Hebrides. *Scottish Birds* 4: 506-507.
- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Hoy, J., Smith, A.J. & Andrew, D.G. 1956. White-rumped Sandpiper in Midlothian. *British Birds* 49: 39-41.
- Murray, A. 1999a. North American waders in Scotland in autumn 1999, a record influx. *Scottish Bird News* 56: 6.
- Murray, A. 2000b. North American waders in Scotland, the autumn of 1999 - a record influx. *Birding Scotland* 3: 12-13.
- Rogers, M.J. 1998b. White-rumped Sandpipers in Britain and Ireland. *British Birds* 91: 283-285.
- Sharrock, J.T.R. 1974. *Scarce Migrant Birds in Britain and Ireland*. T. & A.D. Poyser, Berkhamsted.
- Stark, D.M. 1968. White-rumped Sandpiper in Caithness. *Scottish Birds* 5: 27.
- Wooldridge, D.B. 1970. White-rumped Sandpiper in Orkney. *Scottish Birds* 6: 202.

174 Baird's Sandpiper (9)

- Clarke, W.E. 1912b. On the occurrence of the Pine Bunting, Thrush Nightingale, and Baird's Sandpiper in Scotland. *Scottish Naturalist* 1912: 8-10.
- Critchley, G. 1972a. Baird's Sandpiper in the Outer Hebrides. *Scottish Birds* 7: 94-95.
- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Hurley, E. & Hurley, C. 2003. Baird's Sandpiper, Threipmuir Reservoir, Lothian, September 2003. *Birding Scotland* 6: 154-156.
- Murray, A. 1999a. North American waders in Scotland in autumn 1999, a record influx. *Scottish Bird News* 56: 6.
- Murray, A. 2000b. North American waders in Scotland, the autumn of 1999 - a record influx. *Birding Scotland* 3: 12-13.
- Vick, L.L.J. 1976. Baird's Sandpiper in Midlothian. *Scottish Birds* 9: 162-163.
- Wilkinson, M.A. 2002. Baird's Sandpiper on Foula: third for SBC area, sixth for Shetland. *Shetland Bird Report* 2001: 93.

175 Pectoral Sandpiper (17)

- Boyd, T., Roy, I.B., Skene, W.M. & Smith, R.W.J. 1961. Pectoral Sandpiper in East Lothian. *Scottish Birds* 1: 493-494.
- Bryson, A.G.S., Sandeman, G.L., Munro, J.H.B., Waterston, G. & Watson, D. 1949. Occurrence of American Pectoral Sandpiper, *Calidris melanotos*, in East Lothian. *Scottish Naturalist* 1949: 126-127.
- Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
- Byrne, R.W., Mackenzie-Grieve, C.J. & Simpson, J.H. 1974. Pectoral Sandpipers in Caithness and Shetland. *Scottish Birds* 8: 72-73.
- Dick, G. & Potter, J. 1960. Pectoral Sandpiper in east Stirling. *Scottish Birds* 1: 333-334.
- Forrester, M. 1960. Pectoral Sandpiper in Dunbartonshire. *Scottish Birds* 1: 236-237.
- Grant, T. 1969. Early Pectoral Sandpiper in Morayshire. *Scottish Birds* 5: 284.
- Gray, R. 1882. On the occurrence of the Pectoral Sandpiper (*Tringa maculata*, Vieill.) at Loch Lomond. *Proceedings of the Royal Physical Society of Edinburgh* 7: 240-241.
- Harting, J.E. 1883. Pectoral Sandpiper in Dumbartonshire. *Zoologist* 7: 177.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Lees, A.C. & Gilroy, J.J. 2004. Pectoral Sandpipers in Europe: vagrancy patterns and the influx of 2003. *British Birds* 97: 638-646.
- Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.
- Macgregor, R.K. 1971a. Pectoral Sandpiper in Peeblesshire. *Scottish Birds* 6: 281-282.
- Murray, A. 1999a. North American waders in Scotland in autumn 1999, a record influx. *Scottish Bird News* 56: 6.
- Murray, A. 2000b. North American waders in Scotland, the autumn of 1999 - a record influx. *Birding Scotland* 3: 12-13.
- Sim, G. 1903. *The Vertebrate Fauna of 'Dee'*. Wyllie, Aberdeen.
- Ticehurst, C.B. 1928. Pectoral Sandpiper in Caithness. *Scottish Naturalist* 1928: 168.

176 Sharp-tailed Sandpiper (6)

- Andrews, I.J. 1986b. Sharp-tailed Sandpiper at Aberlady Bay, Lothian. *Scottish Birds* 14: 124.
- Andrews, I.J. 1986c. Sharp-tailed Sandpiper at Aberlady Bay. *Lothian Bird Report* 1985: 110-111.
- Harvey, P. & Riddington, R. 2001b. Sharp-tailed Sandpiper at Scatness and Virkie – second Shetland record. *Shetland Bird Report* 2000: 93-94.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Meiklejohn, M.F.M., Richmond, W.K. & Stalker, D. 1959. Sharp-tailed Sandpiper in Lanarkshire. *Scottish Birds* 1: 94-96.
- Mellor, M. 1994. Sharp-tailed Sandpiper at Scatness, the first for Shetland. *Shetland Bird Report* 1993: 117-118.

177 Curlew Sandpiper (17)

- Anon. 1913b. Gleanings. *Scottish Naturalist* 1913: 71-72.
- Anon. 1960b. Current notes. *Scottish Birds* 1: 338-345.
- Blomqvist, S., Holmgren, N., Åkesson, S., Hedenstrom, A. & Pettersson, J. 2002. Indirect effects of lemming cycles on sandpiper dynamics: 50 years of counts from southern Sweden. *Oecologia* 133: 146-158.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Elliott, C.C., Waltner, H.M., Underhill, L.G., Pringle, J.S. & Dick, W.J.A. 1976. The migration system of the Curlew Sandpiper *Calidris ferruginea* in Africa. *Ostrich* 47: 191-213.
- Evans, W. 1893. The Curlew Sandpiper (*Tringa subarquata*) in summer plumage in the Firth of Forth. *Annals of Scottish Natural History* 1893: 117.
- Figueroa, J. & Bertolero, A. 1998. Sex differences in the stopover ecology of Curlew Sandpipers *Calidris ferruginea* at a refuelling area during autumn migration. *Bird Study* 45: 313-319.
- Fotheringham, D. 1999. Influx of Little Stint and Curlew Sandpiper [in Fife], 1998. *Fife Bird Report* 1998: 62-64.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Holmes, R.T. & Pitelka, F.A. 1964. Breeding behaviour and taxonomic relationships of the Curlew Sandpiper. *Auk* 81: 362-369.
- Nisbet, I.C.T. & Vine, A.E. 1956. Migration of Little Stints, Curlew Sandpipers and Ruffs through Great Britain in the autumn of 1953. *British Birds* 49: 121-134.
- Scott, C. 1998. Autumn wader passage at Cobbinshaw Reservoir in 1996. *Lothian Bird Report* 1996: 105-106.
- Serle, W. 1934. Autumn migrants at Cobbinshaw Loch, Midlothian. *Scottish Naturalist* 1934: 172-173.
- Stanley, P.I. & Minton, C.D.T. 1972. The unprecedented westward migration of Curlew Sandpipers in autumn 1969. *British Birds* 65: 365-380.
- Summers, R.W. & Underhill, L.G. 1987. Factors related to breeding production of Brent Geese *Branta b. bernicla* and waders (*Charadrii*) on the Taimyr Peninsula. *Bird Study* 34: 161-171.
- Sutherland, W.J. 1988. Predation may link the cycles of lemmings and birds. *Trends in Ecology and Evolution* 3: 29-30.
- Wilson, J.R., Czaikowski, M.A. & Pienkowski, M.W. 1980. The migration through Europe and wintering in West Africa of Curlew Sandpiper. *Wildfowl* 31: 107-122.

178 Stilt Sandpiper (4)

- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Macdonald, D. & Thom, V.M. 1971. Stilt Sandpiper in Southeast Sutherland - a new bird for Scotland. *Scottish Birds* 6: 280-281.
- Maher, M., Pennington, M. & Smith, M. 2003a. Stilt Sandpiper at Norwick, Shetland - third Scottish record. *Birding Scotland* 6: 7-9.

179 Purple Sandpiper (32)

- Atkinson, N.K., Davies, M. & Prater, A.J. 1978. The winter distribution of Purple Sandpipers in Britain. *Bird Study* 25: 223-228.
- Atkinson, N.K., Summers, R.W., Nicoll, M. & Greenwood, J.J.D. 1981. Population, movements and biometrics of the Purple Sandpiper *Calidris maritima* in eastern Scotland. *Ornis Scandinavica* 12: 18-27.
- Buxton, N.E., Summers, R.W. & Nicoll, M. 1985. The populations and biometrics of Purple Sandpipers in the Outer Hebrides. *Ringing & Migration* 6: 87-92.
- Corse, C.J. & Summers, R.W. 1999. The seasonal pattern of numbers, population structure and migration of Purple Sandpipers *Calidris maritima* in Orkney. *Ringing & Migration* 19: 275-282.
- da Prato, E.S. & da Prato, S.R.D. 1979b. Counting wintering waders on rocky shores in East Lothian, Scotland. *Wader*

- Study Group Bulletin* 25: 19-23.
- Dennis, R.H. 1983. Purple Sandpipers breeding in Scotland. *British Birds* 76: 563-566.
- Dierschke, V. 1994. The influence of oil-polluted plumage on survival and body mass of Purple Sandpipers *Calidris maritima* at Helgoland. *Vogelwelt* 115: 253-255.
- Dott, H.E.M. 1997. Declines in Turnstones and Purple Sandpipers wintering in south east Scotland. *Scottish Birds* 19: 101-104.
- Engelmoer, M. & Roselaar, C.S. 1998. *Geographical Variation in Waders*. Kluwer, Dordrecht.
- Feeare, C.J. 1966. Purple Sandpipers feeding above the littoral zone. *British Birds* 59: 346-348.
- Hallgrímsson, G., Summers, R.W. & Etheridge, B. 2005. Icelandic colour-ringed Purple Sandpipers resighted on wintering grounds in Western Europe. *Bliki* 26: 51-53.
- Moser, M.E. & Summers, R.W. 1987. Wader populations on the non-estuarine coasts of Britain and Northern Ireland: results of the 1984-85 Winter Shorebird Count. *Bird Study* 34: 71-81.
- Nicoll, M., Rae, R., Summers, R.W., Strann, K.B. & Brockie, K. 1991. The biometrics of Norwegian and Svalbard Purple Sandpipers *Calidris maritima*. *Ringing & Migration* 12: 67-71.
- Nicoll, M., Summers, R.W., Underhill, L.G., Brockie, K. & Rae, R. 1988. Regional, seasonal and annual variations in the structure of Purple Sandpiper *Calidris maritima* populations in Britain. *Ibis* 130: 221-233.
- Rae, R., Nicoll, M. & Summers, R.W. 1986. The distribution of Hardangervidda Purple Sandpipers outwith the breeding season. *Scottish Birds* 14: 68-73.
- Rehfisch, M.M., Austin, G.E., Freeman, S.N., Armitage, M.J.S. & Burton, N.H.K. 2004. The possible impact of climate change on the future distributions and numbers of waders on Britain's non-estuarine coast. *Ibis* 146 (supplement 1): 70-81.
- Rehfisch, M.M., Holloway, S.J. & Austin, G.E. 2003b. Population estimates of waders on the non-estuarine coasts of the UK and the Isle of Man during the winter of 1997-98. *Bird Study* 50: 22-32.
- Riley, S.J. 1992b. Purple Sandpipers feeding inland outside the breeding season. *British Birds* 85: 241.
- Smith, R.D. & Summers, R.W. 2005. Population size, breeding biology and origins of Scottish Purple Sandpipers. *British Birds* 98: 579-588.
- Spencer, R. & the Rare Breeding Birds Panel. 1991. Rare breeding birds in the United Kingdom in 1989. *British Birds* 84: 349-370, 379-392.
- Summers, R.W. 1995. Diurnal and tidal activity patterns of Purple Sandpipers on the Isle of May. *Scottish Birds* 18: 51-54.
- Summers, R.W., Atkinson, N.K. & Nicoll, M. 1975a. Wintering wader populations on the rocky shores of eastern Scotland. *Scottish Birds* 8: 299-308.
- Summers, R.W., Butterfield, D.P., Swann, R.L. & Insley, H. 2005. The decline of Purple Sandpipers *Calidris maritima* in the Moray Firth, Scotland - an effect of recruitment. *Wader Study Group Bulletin* 106: 34-38.
- Summers, R.W., Corse, C.J., Martin, M.W.A. & Meek, E.R. 1991. Shore-bird populations on the Orkney coastline in winter. *Scottish Birds* 16: 90-105.
- Summers, R.W., Ellis, P.M. & Johnston, J.P. 1988a. Waders on the coast of Shetland in winter: numbers and habitat preferences. *Scottish Birds* 15: 71-79.
- Summers, R.W. & Nicoll, M. 2004. Geographical variation in the breeding biology of the Purple Sandpiper *Calidris maritima*. *Ibis* 146: 303-313.
- Summers, R.W., Nicoll, M. & Peach, W. 2001. Numbers, migration phenology and survival of Purple Sandpipers *Calidris maritima* at Gourdon, eastern Scotland. *Bird Study* 48: 139-146.
- Summers, R.W., Smith, S., Nicoll, M. & Atkinson, N.K. 1990. Tidal and sexual differences in the diet of Purple Sandpipers *Calidris maritima* in Scotland. *Bird Study* 37: 187-194.
- Summers, R.W., Underhill, L.G., Nicoll, M., Strann, K.-B. & Nilsen, S.Ø. 2004c. Timing and duration of moult in three populations of Purple Sandpipers *Calidris maritima* with different moult/migration patterns. *Ibis* 146: 394-403.
- Summers, R.W., Underhill, L.G. & Simpson, A. 2002c. Habitat preferences of waders (Charadrii) on the coast of the Orkney Islands. *Bird Study* 49: 60-66.
- Waters, E. 1966. Purple Sandpipers feeding above the littoral zone. *British Birds* 59: 345-346.

180 Dunlin (41)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Avery, M.I. & Haines-Young, R.H. 1990. Population estimates for the Dunlin *Calidris alpina* derived from remotely sensed satellite imagery of the Flow Country of northern Scotland. *Nature* 344: 860-862.
- Bainbridge, I.P., Housden, S.D., Minns, D.W. & Lance, A.N. 1987. *Forestry in the Flows of Caithness and Sutherland*. RSPB, Sandy.
- Bannerman, D.A. 1961a. *The Birds of the British Isles*. Volume 9. Oliver & Boyd, Edinburgh.
- Burton, N.H.K., Armitage, M.J.S., Musgrove, A.J. & Rehfisch, M.M. 2002. Impacts of man-made landscape features on numbers of estuarine waterbirds at low tide. *Environmental Management* 30: 857-864.
- Cook, M. 1992. *The Birds of Moray and Nairn*. The Mercat Press, Edinburgh.
- Dennis, R. 1984. *Birds of Badenoch and Strathspey*. Roy Dennis Enterprises, North Kessock.
- Dickson, R.C. 1992. *The Birds in Wigtownshire: a guide to their status and distribution*. GC Book Publishers Ltd.,

Wigtown.

- Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
- Etheridge, B. 1982. Distribution of Dunlin *Calidris alpina* nests on an area of South Uist machair. *Bird Study* 29: 239-243.
- Ferns, P.N. 1981b. The spring migration of Dunlins through Britain in spring 1979. *Wader Study Group Bulletin* 32: 14-19.
- Fuller, R.J. & Jackson, D.B. 1999. Changes in populations of breeding waders on the machair of North Uist, Scotland, 1983-1998. *Wader Study Group Bulletin* 90: 47-55.
- Fuller, R.J., Reed, T.M., Buxton, N.E., Webb, A., Williams, T.D. & Pienkowski, M.W. 1986. Populations of breeding waders Charadrii and their habitats on crofting land on the Outer Hebrides, Scotland. *Biological Conservation* 37: 333-361.
- Galbraith, H., Furness, R.W. & Fuller, R.J. 1984. Habitats and distribution of waders breeding on Scottish agricultural land. *Scottish Birds* 13: 98-107.
- Goss-Custard, J.D. & Moser, M.E. 1988. Rates of change in the numbers of dunlin, *Calidris alpina*, wintering in British estuaries in relation to the spread of *Spartina anglica*. *Journal of Applied Ecology* 25: 95-109.
- Hardy, A.R. & Minton, C.D.T. 1980. Dunlin migration in Britain and Ireland. *Bird Study* 27: 81-92.
- Jackson, D.B. 1994. Breeding dispersal and site-fidelity in three monogamous wader species in the Western Isles, U.K. *Ibis* 136: 463-473.
- Jackson, D.B. 2001b. Wader surveys: provisional estimates and recent trends, Outer Hebrides. *Western Isles Bird Report* 2000: 128-133.
- Jackson, D.B. & Green, R.E. 2000. The importance of the introduced hedgehog (*Erinaceus europaeus*) as a predator of the eggs of waders (Charadrii) on the machair in South Uist, Scotland. *Biological Conservation* 93: 333-348.
- Lavers, C.P. & Haines-Young, R.H. 1996. The pattern of Dunlin *Calidris alpina* distribution and abundance in relation to habitat variation in the Flow Country of northern Scotland. *Bird Study* 43: 231-239.
- Leslie, R. & Lessells, C.M. 1978. The migration of Dunlin *Calidris alpina* through northern Scandinavia. *Ornis Scandinavica* 9: 84-86.
- Maclean, I.M.D., Austin, G.E., Mellan, H.J. & Girling, T. 2005. *WeBS Alerts 2003/2004: changes in numbers of wintering waterbirds in the United Kingdom, its Constituent Countries, Special Protection Areas (SPAs) and Sites of Special Scientific Interest (SSSIs)*. BTO Research Report 416. BTO, Thetford.
- Nethersole-Thompson, D. & Watson, A. 1974. *The Cairngorms: their natural history and scenery*. Collins, London.
- Ogilvie, M.A. 1963. The migrations of European Redshank and Dunlin. *Wildfowl* 14: 141-149.
- Pienkowski, M.W. & Dick, W.J.A. 1975. The migration and wintering of Dunlin *Calidris alpina* in north-west Africa. *Ornis Scandinavica* 5: 151-167.
- Pollitt, M.S., Hall, C., Holloway, S.J., Hearn, R.D., Marshall, P.E., Musgrove, A.J., Robinson, J.A. & Cranswick, P.A. 2003. *The Wetland Bird Survey 2000-01: wildfowl and wader counts*. BTO/WWT/RSPB/JNCC, Slimbridge.
- Rae, R. & Watson, A. 1998. Minimal numbers and habitat of breeding Dunlin in north east Scotland. *Scottish Birds* 19: 185-194.
- Reed, T.M., Langslow, D.R. & Symonds, F.L. 1983c. Breeding waders of the Caithness flows. *Scottish Birds* 12: 180-186.
- Rehfisch, M.M., Holloway, S.J. & Austin, G.E. 2003b. Population estimates of waders on the non-estuarine coasts of the UK and the Isle of Man during the winter of 1997-98. *Bird Study* 50: 22-32.
- Rehfisch, M.M., Insley, H. & Swann, B. 2003c. Fidelity of overwintering shorebirds to roosts on the Moray Basin, Scotland: implications for predicting impacts of habitat loss. *Ardea* 91: 53-70.
- Stone, B.H., Sears, J., Cranswick, P.A., Gregory, R.D., Gibbons, D.W., Rehfisch, M.M., Aebscher, N.J. & Reid, J.B. 1997. Population estimates of birds in Britain and in the United Kingdom. *British Birds* 90: 1-22.
- Stroud, D.A. (ed.) 1989. *The Birds of Coll and Tiree: status, habitats and conservation*. NCC/SOC, Edinburgh.
- Stroud, D.A., Chambers, D., Cook, S., Buxton, N., Fraser, B., Clement, P., Lewis, P., McLean, I., Baker, H. & Whitehead, S. 2001. *The UK SPA network: its scope and content*. Joint Nature Conservation Committee, Peterborough.
- Stroud, D.A., Reed, T.M., Pienkowski, M.W. & Lindsay, R.A. 1987. *Birds, Bogs and Forestry: the Peatlands of Caithness and Sutherland*. Nature Conservancy Council, Peterborough.
- Summers, R.W. & Underhill, L.G. 1987. Factors related to breeding production of Brent Geese *Branta b. bernicla* and waders (Charadrii) on the Taimyr Peninsula. *Bird Study* 34: 161-171.
- Summers, R.W., Underhill, L.G. & Simpson, A. 2002c. Habitat preferences of waders (Charadrii) on the coast of the Orkney Islands. *Bird Study* 49: 60-66.
- Swann, R.L. & Etheridge, B. 1996. Movements of waders to and from the Moray Firth. *Ringing & Migration* 17: 111-121.
- Swann, R.L. & Insley, H. 1996. *Survey of the movements and biometrics of waders residing in the Moray Firth*. An unpublished report by the Highland Ringing Group to Scottish Natural Heritage [covering the period June 1995 to February 1996].
- Swann, R.L. & Insley, H. 1997. *Survey of movements, age structure and biometrics of waders residing in the Moray Firth*. An unpublished report by the Highland Ringing Group to Scottish Natural Heritage.
- Symonds, F.L., Langslow, D.R. & Pienkowski, M.W. 1984. Movements of wintering shorebirds within the Firth of

- Forth: species differences in usage of an intertidal complex. *Biological Conservation* 28: 187-215.
 Whitfield, D.P. 1997. Waders (Charadriidae) on Scottish blanket bogs: recent changes in numbers of breeding birds. In: Parkyn, I., Stoneman, R.E. & Ingram, H.A.P. (eds) *Conserving Peatlands*. pp 103-111. Centre for Agriculture and Bioscience International, Wallingford.

181 Broad-billed Sandpiper (5)

- Baxter, E.V. & Rintoul, L.J. 1947. Broad-billed Sandpiper in Fife. *British Birds* 40: 154.
 Berry, W. 1912. Broad-billed Sandpiper in Fifeshire. *Scottish Naturalist* 1912: 212-213.
 Gordon, P.R. 1984. Broad-billed Sandpipers at Aberlady Bay. *Lothian Bird Report* 1983: 96-97.
 Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
 Taylor, I. & Wood, K.A. 1968. Broad-billed Sandpipers in Stirlingshire and Morayshire. *Scottish Birds* 5: 216-217.

182 Buff-breasted Sandpiper (12)

- BirdLife International. 1998. *Threatened Birds of the World*. Lynx Edicions, Barcelona.
 Davis, P. 1959. A Buff-breasted Sandpiper at Fair Isle. *Fair Isle Bird Observatory Bulletin* 4: 69-70.
 Evans, G.H., Evans, F. & Walton, G.F. 1972. Buff-breasted Sandpiper in Inner Hebrides. *Scottish Birds* 7: 53.
 Fraser, P.A. & Rogers, M.J. 2003. Report on scarce migrant birds in Britain in 2001. *British Birds* 96: 626-649.
 Gotthardt, T. & Lanctot, R. 2002. *Status report on the Buff-breasted Sandpiper (Tryngites subruficollis)*. Report prepared for the U.S. Fish and Wildlife Service, Alaska.
 Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
 King, J.E. & Macdonald, D. 1960. Buff-breasted Sandpipers in East Lothian and Sutherland. *Scottish Birds* 1: 334-335.
 Meiklejohn, M.F.M. 1957. Transatlantic wanderer. *Glasgow Herald* 9 November 1957.
 Sharrock, J.T.R. & Sharrock, E.M. 1976. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Berkhamsted.
 Shearer, R.I. & Osborne, H. 1862. Notes on the ornithology of Caithness. *Proceedings of the Royal Physical Society of Edinburgh* 2: 334-347.
 Sim, G. 1903. *The Vertebrate Fauna of 'Dee'*. Wyllie, Aberdeen.
 Urquhart, L.A. 1958a. Buff-breasted Sandpiper in Lanarkshire. *British Birds* 51: 193-194.

183 Ruff (15)

- Cadbury, C.J. 1979. Probable breeding of Ruff in the Hebrides. *Scottish Birds* 10: 237-238.
 Cottier, E.J. & Lea, D. 1969. Black-tailed Godwits, Ruffs and Black Terns breeding on the Ouse Washes. *British Birds* 62: 259-270.
 Ellis, P.M. & Okill, J.D. 2005. Ruff breeding in Shetland in 2003. *Scottish Birds* 25: 58-59.
 Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
 Henderson, T. 1906b. Ruffs and Reeves in Shetland. *Annals of Scottish Natural History* 1906: 239.
 Jardine, W. 1842a. [Ruff]. *The Naturalist's Library (Ornithology)* 12: 223-227.
 Jenkins, D. 1973. Ruffs inland near Aberlady Bay, East Lothian. *Scottish Birds* 7: 311-313.
 MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
 Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
 Molteno, D.I. 1937. Ruff and Little Auk in the Forth. *Scottish Naturalist* 1937: 48.
 Prater, A.J. 1973a. The wintering population of Ruffs in Britain and Ireland. *Bird Study* 20: 245-250.
 Sim, G. 1903. *The Vertebrate Fauna of 'Dee'*. Wyllie, Aberdeen.
 Simpson, K. & Day, N. 1996. *Field Guide to the Birds of Australia*. Christopher Helm, London.
 Turnbull, W.P. 1867. *The Birds of East Lothian and a Portion of the Adjoining Counties*. 2nd Edition. Privately published, Glasgow.
 Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.

184 Jack Snipe (7)

- Andrew, D.G. 1994a. Site fidelity of Jack Snipe on migration? *Scottish Birds* 17: 163.
 Boyd, J.M. 1956. Fluctuations of Common Snipe, Jack Snipe and Golden Plover in Tiree, Argyllshire. *Bird Study* 3: 105-118.
 Clarke, W.E. 1905a. The birds of the Flannan Isles; Outer Hebrides. *Annals of Scottish Natural History* 1905: 8-19, 80-86.
 Hollyer, J.N. 1984. Camouflage postures of Jack Snipe at day roost. *British Birds* 77: 319-320.
 Nilsson, S.G. & Nilsson, I.N. 1978. Population, habitat and display activity of the Jack Snipe *Lymnocryptes minimus* in southern Sweden. *Vår Fågelvärld* 37: 1-8.

- Pederson, M.B. 1994. Jack Snipe *Lymnocryptes minimus*. In: Tucker, G.M. & Heath, M.F. (eds) *Birds in Europe: their conservation status*. Conservation Series No. 3. pp 266-267. BirdLife International, Cambridge.
- Zonfrillo, B. 1981. Food of a Jack Snipe. *Wader Study Group Bulletin* 33: 10.

185 Common Snipe (31)

- Baxter, E.V. & Rintoul, L.J. 1926. Report on Scottish ornithology in 1925. *Scottish Naturalist* 1926: 69-84, 99-126.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Boyd, J.M. 1956. Fluctuations of Common Snipe, Jack Snipe and Golden Plover in Tiree, Argyllshire. *Bird Study* 3: 105-118.
- Cunningham, P. 1983a. *The Birds of the Outer Hebrides: a guide to their status and distribution*. The Melven Press, Perth.
- Cunningham, P. 1983b. Birds of the Outer Hebrides in 1982. *Hebridean Naturalist* 7: 60-68.
- da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
- Evans, A.H. & Buckley, T.E. 1899. *A Vertebrate Fauna of the Shetland Islands*. David Douglas, Edinburgh.
- Galbraith, H., Furness, R.W. & Fuller, R.J. 1984. Habitats and distribution of waders breeding on Scottish agricultural land. *Scottish Birds* 13: 98-107.
- Green, R.E. 1988. Effects of environmental factors on the timing and success of breeding of common snipe *Gallinago gallinago* (Aves: Scolopacidae). *Journal of Applied Ecology* 25: 79-93.
- Harradine, J. 1983. Sport shooting in the United Kingdom: some facts and figures. In: Leeuwenberg, F.J. & Hepburn, I.R. (eds) *Proceedings of the 2nd Meeting of the Working Group on Game Statistics, Zoetermeer, 6-7 October 1982*. pp 63-83.
- Harris, M.P. & Murray, S. 1978. *Birds of St Kilda*. Institute of Terrestrial Ecology, Banchory.
- Harvey, P.V. 2003. The Shetland Breeding Bird Survey 2002 and an estimate of the population size of some of Shetland's commoner breeding birds. *Shetland Bird Report* 2002: 108-110.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Henderson, I.G., Peach, W.J. & Baillie, S.R. 1993. *The hunting of Snipe and Woodcock in Europe: a ringing recovery analysis*. BTO Research Report 115. BTO, Thetford.
- Jackson, D.B., Fuller, R.J. & Campbell, S.T. 2004. Long-term population changes among breeding shorebirds in the Outer Hebrides, Scotland, in relation to introduced hedgehogs (*Erinaceus europaeus*). *Biological Conservation* 117: 151-166.
- Meinertzhagen, A.C. & Meinertzhagen, R. 1923. On the occurrence of the Faroe Snipe in the British Isles. *Scottish Naturalist* 1923: 123.
- Murray, S. 2002b. The birds of St Kilda. *Scottish Birds* 23 (supplement): 1-64.
- O'Brien, M., Tharme, A. & Jackson, D. 2002. Changes in breeding wader numbers on Scottish farmed land during the 1990s. *Scottish Birds* 23: 10-21.
- O'Brien, M. & Whyte, C.S. 2004. Estimating the breeding wader populations of Scottish uplands and salt marshes. *Scottish Birds* 24 (2): 17-28.
- O'Brien, M.G. 2005. Estimating the number of farmland waders breeding in the United Kingdom. *International Wader Studies* 14: 135-139.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Rintoul, L.J. & Baxter, E.V. 1927a. Faeroe Snipe in the Outer Hebrides. *Scottish Naturalist* 1927: 24.
- Scottish Natural Heritage (SNH). 2002. *Uist Wader Project. Fact sheet number 1: all about Uist waders*.
- Stenhouse, J.H. 1925a. Faroese Snipe at Fair Isle. *Scottish Naturalist* 1925: 58.
- Vaughan, J. & Love, J. 1994. St Kilda Summer, 1993. *Hebridean Naturalist* 12: 59-64.
- Williamson, K. 1949. Nesting of the Faeroe Snipe (*Capella g. faeroensis*). *British Birds* 42: 394-395.
- Williamson, K. 1950a. The distraction behaviour of the Faeroe Snipe. *Ibis* 92: 66-74.
- Williamson, K. 1959. Snipe at St Kilda. *Bird Notes* 29: 5-8.
- Williamson, K. 1960. The development of young Snipe as studied by mist-netting, St Kilda. *Bird Study* 7: 63-76.
- Williamson, K. 1965. *Fair Isle and its Birds*. Oliver & Boyd, Edinburgh.
- Wilson, J. 1926. Faroese Snipe and Hornemann's Redpoll at Fair Isle. *Scottish Naturalist* 1926: 4.

186 Great Snipe (27)

- Anon. 1895. Great Snipe in Orkney. *Annals of Scottish Natural History* 1895: 201.
- Anon. 1902. Great Snipe at Castle Douglas. *Annals of Scottish Natural History* 1902: 54.
- Anon. 1913a. Great Snipe in Haddingtonshire. *Scottish Naturalist* 1913: 23.
- Baikie, W.B. & Heddle, R. 1848. *Naturalis Orcadensis. Zoology. Part I. Being a Catalogue of the Mammalia and Birds hitherto Observed in the Orkney Islands*. J. & W. Patterson, Edinburgh.
- Bell, R.B. 1902. Occurrence of the Great Snipe in Orkney. *Annals of Scottish Natural History* 1902: 54.
- Bell, R.B. 1906. Great Snipe in Orkney. *Annals of Scottish Natural History* 1906: 54.

- BirdLife International. 1998. *Threatened Birds of the World*. Lynx Edicions, Barcelona.
- Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
- Cairnie, C. 1935. Great Snipe in Scotland. *Scottish Naturalist* 1935: 25.
- Cook, J.R.M. 1897. Great Snipe near St Andrews. *Annals of Scottish Natural History* 1897: 45.
- Dennis, R.H. & Wiseman, E.J. 1966. Great Snipe on Fair Isle. *Scottish Birds* 4: 227-228.
- Douglas-Home, H. 1927. Great Snipe in Lanarkshire. *Scottish Naturalist* 1927: 188.
- Dunbar, L. 1893. Great Snipe (*Gallinago major*) near Thurso. *Annals of Scottish Natural History* 1893: 45.
- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Evans, W. 1886a. On the occurrence of the Great Snipe (*Scolopax major*) near Glasgow in May 1885. *Proceedings of the Royal Physical Society of Edinburgh* 9: 184-186.
- Fairbairn, A. 1921. Great or Solitary Snipe in Ayrshire. *Scottish Naturalist* 1921: 185.
- Harvie-Brown, J.A. 1900d. Great Snipe in Stirlingshire. *Annals of Scottish Natural History* 1900: 247.
- Harvie-Brown, J.A. 1902b. Great Snipe in Shetland. *Annals of Scottish Natural History* 1902: 54.
- Hunter, D.G. 1927. Great Snipe in Forfarshire. *Scottish Naturalist* 1927: 95.
- Nicolson, A.J. 1924a. Great Snipe in Shetland. *Scottish Naturalist* 1924: 10.
- Nicolson, A.J. 1924b. Great Snipe in Shetland. *British Birds* 18: 117.
- Ogg, W. 1915. Great Snipe in Elginshire. *Scottish Naturalist* 1915: 357.
- Paterson, J. 1896b. Great Snipe and Gray Plover in East Renfrewshire. *Annals of Scottish Natural History* 1896: 60.
- Paterson, J. 1928. Great Snipe in Lanarkshire. *Scottish Naturalist* 1928: 52.
- Robertson, I.S. 1974. Great Snipe in Shetland. *Scottish Birds* 8: 31-32.
- Ross, W.M. 1935. Great Snipe and Ivory Gull in Moray area. *Scottish Naturalist* 1935: 54.
- Russell, W.M. 1922. Great Snipe in Kirkcudbrightshire. *Scottish Naturalist* 1922: 174.

187 Short-billed Dowitcher (8)

- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Frémont, J.-Y. 2002. Un Bécassin à bec court *Limnodromus griseus* en France: première mention et identification. *Ornithos* 9: 253-257.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Jamarillo, A. & Henshaw, B. 1995. Identification of breeding plumaged Long- and Short-billed Dowitchers. *Birding World* 8: 221-228.
- Naylor, K.A. 1996. *A Reference Manual of Rare Birds in Great Britain and Ireland*. Privately published, Nottingham.
- Pullan, D. 1999a. Short-billed Dowitcher at Rosehearty, North-east Scotland - a first for Britain. *Birding Scotland* 2: 157-161.
- Pullan, D. 1999b. The Short-billed Dowitcher in Aberdeenshire – a new British bird. *Birding World* 12: 364-370.
- Sibley, D. 2000. *The North American Bird Guide*. Pica Press, Robertsbridge.

188 Long-billed Dowitcher (14)

- Ablett, A. 1960. Dowitcher in East Lothian. *Scottish Birds* 1: 330.
- Baillie, R.S. 1965. Dowitcher in Dunbartonshire. *Scottish Birds* 3: 255-256.
- Forrester, M., Richmond, W.K. & Stalker, D. 1960. Dowitchers in Lanarkshire. *Scottish Birds* 1: 330-331.
- Gordon, P.R. 1992. Long-billed Dowitcher at Aberlady. *Lothian Bird Report* 1991: 109-110.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Jamarillo, A. & Henshaw, B. 1995. Identification of breeding plumaged Long- and Short-billed Dowitchers. *Birding World* 8: 221-228.
- Machell, E.A. & Sinclair, M. 1965. Dowitcher in Shetland. *Scottish Birds* 3: 254-255.
- Murray, W. 1958c. Dowitcher in Berwickshire. *Scottish Birds* 1: 34-35.
- Paulson, D. 1993. *Shorebirds of the Pacific Northwest*. University of Washington Press, USA.
- Rintoul, L.J. & Baxter, E.V. 1935. *A Vertebrate Fauna of Forth*. Oliver & Boyd, Edinburgh & London.
- Romer, M.L.R. & Shaw, R.J.W. 1970. Dowitchers in Dumfriesshire and Orkney. *Scottish Birds* 6: 200- 201.
- Shaw, R.J.W. 1970. Long-billed Dowitcher in Dunbartonshire. *Scottish Birds* 6: 40.
- Simpson, J.H. 1966. Dowitcher in Shetland. *Scottish Birds* 4: 226-227.
- Tait, C.S. 1970a. Dowitcher in Inner Hebrides. *Scottish Birds* 6: 41-42.

189 Eurasian Woodcock (18)

- Baxter, E.V. & Rintoul, L.J. 1923. The spread and distribution of the Woodcock as a breeding bird in Scotland since the beginning of the nineteenth century. I, II. *Scottish Naturalist* 1923: 177-183.
- Baxter, E.V. & Rintoul, L.J. 1924a. The spread and distribution of the Woodcock as a breeding bird in Scotland since the beginning of the nineteenth century. III, IV. *Scottish Naturalist* 1924: 13-20, 47-51.

- Bourne, W.R.P. 2006a. Birds eaten by King James V of Scotland in 1525-1533, and the prices decreed by his daughter Mary Queen of Scots. *Archives of Natural History* 33: 135-139.
- Carlisle, A. 1977. The impact of man on the native pinewoods of Scotland. In: Bunce, R.G.H. & Jeffers, J.N.R. (eds) *Native Pinewoods of Scotland. Proceedings of Aviemore Symposium, 1975*. Institute of Terrestrial Ecology, Cambridge.
- Department for Environment Food and Rural Affairs (DEFRA). 2004. *Countryside Survey 2000*.
- Eggeling, W.J. 1974. The birds of the Isle of May - a revised assessment of status. *Scottish Birds* 8 (supplement): 93-148.
- Henderson, I.G., Peach, W.J. & Baillie, S.R. 1993. *The hunting of Snipe and Woodcock in Europe: a ringing recovery analysis*. BTO Research Report 115. BTO, Thetford.
- Hirons, G. 1980. The significance of roding by Woodcock *Scolopax rusticola*: an alternative explanation based on observation of marked birds. *Ibis* 122: 350-354.
- Hoodless, A. 2004. Woodcock - developing calibrations for the survey. *Game Conservancy Trust Review* 2003: 76-77.
- Hoodless, A. 2005. How many Woodcock breed in Britain? *Game Conservancy Trust Review* 2004: 34-35.
- Hoodless, A., Lang, D., Fuller, R.J., Aebischer, N. & Ewald, J. 2006. Development of a survey method for breeding Woodcock and its application to assessing the status of the British population. In: Ferrand, Y. (ed.) *Proceedings of the Sixth European Woodcock and Snipe Workshop*. International Wader Studies 13. pp 48-54. Wetlands International, The Netherlands.
- Hoodless, A.N. 1994. *Aspects of the ecology of the European Woodcock Scolopax rusticola*. Unpublished PhD thesis, University of Durham.
- Hoodless, A.N. & Coulson, J.C. 1994. Survival rates and movements of British and Continental Woodcock *Scolopax rusticola* in the British Isles. *Bird Study* 41: 48-60.
- Hoodless, A.N. & Coulson, J.C. 1998. Breeding biology of the Woodcock *Scolopax rusticola* in Britain. *Bird Study* 45: 195-204.
- Hoodless, A.N. & Hirons, G.J.M. in press. Habitat selection and foraging behaviour of breeding Eurasian Woodcock *Scolopax rusticola*: a comparison between contrasting landscapes. *Ibis*.
- Marcström, V. & Sundgren, F. 1977. On the reproduction of the European Woodcock. *Viltrevy* 10: 27-40.
- Summers, R.W. & Buckland, S.T. 1996. Number of wintering Woodcock *Scolopax rusticola* in woodlands in the Highlands of Scotland. *Wader Study Group Bulletin* 80: 50-52.
- Workman, W.H. 1954. On the Woodcock feeding chicks. *Irish Naturalist* 11: 232.

190 Black-tailed Godwit (16)

- Anon. 2004c. Operation Godwit. <http://www.uea.ac.uk/~b072834/>. Accessed on 20 October 2006.
- Bannerman, D.A. 1961a. *The Birds of the British Isles*. Volume 9. Oliver & Boyd, Edinburgh.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- British Ornithologists' Union (BOU). 1971. *The Status of Birds in Britain and Ireland*. Blackwell Scientific Publications, Oxford.
- Dennis, R. 1995a. *The Birds of Badenoch and Strathspey*. 2nd Edition. Colin Baxter Photography, Grantown-on-Spey.
- Evans, P.R. 1968. Autumn movements and orientation of waders in northeast England and southern Scotland, studied by radar. *Bird Study* 15: 53-64.
- Gill, J.A., Norris, K., Potts, P.M., Gunnarsson, T.G., Atkinson, P.W. & Sutherland, W.J. 2001. The buffer effect and large-scale population regulation in migratory birds. *Nature* 412: 436-438.
- Gunnarsson, T.G., Gill, J.A., Petersen, A., Appleton, G.F. & Sutherland, W.J. 2005a. A double buffer effect in a migratory shorebird. *Journal of Animal Ecology* 74: 965-971.
- Gunnarsson, T.G., Gill, J.A., Potts, P.M., Atkinson, P.W., Croger, R.E., Gélinaud, G., Gardarsson, A. & Sutherland, W.J. 2005b. Estimating population size in Black-tailed Godwits *Limosa limosa islandica* by colour-marking. *Bird Study* 52: 153-158.
- Macmillan, A.T. 1965a. Black-tailed Godwit breeding in southern Scotland. *Scottish Birds* 3: 256-257.
- Pilkington, A.D. 1947. Black-tailed Godwit breeding in Caithness. *British Birds* 40: 57-58.
- Prater, A.J. 1975. The wintering population of the Black-tailed Godwit. *Bird Study* 22: 169-176.
- Summers, R.W. & Moyes, S. 1991. The numbers and origins of the Black-tailed Godwits on the Eden Estuary, Fife. *Tay Ringing Group Report* 1989-91: 2-8.
- Vaurie, C. 1965. *The Birds of the Palaearctic Fauna. Non-passeriformes*. H.F. & G. Witherby, London.
- Venables, L.S.V. & Venables, U.M. 1955. *The Birds and Mammals of Shetland*. Oliver & Boyd, Edinburgh.
- Williamson, K. & Rutledge, R.F. 1957. Icelandic Black-tailed Godwits wintering in Ireland. *British Birds* 50: 524-526.

191 Hudsonian Godwit (3)

- Duncan, R. & Cooper, J. 1990. Hudsonian Godwit near Collieston on 26 September 1988 - a first record for Scotland. *North-East Scotland Bird Report* 1989: 61-62.
- Harvey, P.V. & Shaw, K.D. 1999b. Dealing with difficult rarities - their identification and assessment. Number four: Hudsonian Godwit, North-east Scotland, September 1988. *Birding Scotland* 2: 91-92.

Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.

192 Bar-tailed Godwit (15)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Burton, N.H.K., Jones, T.E., Austin, G.E., Watt, G.A., Rehfisch, M.M. & Hutchings, C.J. 2004. *Effects of reductions in organic and nutrient loading on bird populations in estuaries and coastal waters of England and Wales. Phase 2 Report*. Unpublished report 586. English Nature Research Peterborough.
- Buxton, N.E. 1982a. Wintering waders on the Atlantic shores of the Uists and Benbecula. *Scottish Birds* 12: 106-113.
- Delany, S. & Scott, D. 2002. *Waterbird Population Estimates*. 3rd Edition. Wetlands International Global Series No. 12. Wetlands International, Wageningen, The Netherlands.
- Maclean, I.M.D., Austin, G.E., Mellan, H.J. & Girling, T. 2005. *WeBS Alerts 2003/2004: changes in numbers of wintering waterbirds in the United Kingdom, its Constituent Countries, Special Protection Areas (SPAs) and Sites of Special Scientific Interest (SSSIs)*. BTO Research Report 416. BTO, Thetford.
- Moser, M.E. 1984. *Solway winter shorebird survey 1982-1984*. Unpublished report. NCC & RSPB.
- Pollitt, M.S., Hall, C., Holloway, S.J., Hearn, R.D., Marshall, P.E., Musgrove, A.J., Robinson, J.A. & Cranswick, P.A. 2003. *The Wetland Bird Survey 2000-01: wildfowl and wader counts*. BTO/WWT/RSPB/JNCC, Slimbridge.
- Rehfisch, M.M., Austin, G.E., Armitage, M.J.S., Atkinson, P.W., Holloway, S.J., Musgrove, A.J. & Pollitt, M.S. 2003a. Numbers of wintering waterbirds in Great Britain and the Isle of Man (1994/1995-1998/1999): II. Coastal waders (Charadrii). *Biological Conservation* 112: 329-341.
- Rehfisch, M.M., Austin, G.E., Freeman, S.N., Armitage, M.J.S. & Burton, N.H.K. 2004. The possible impact of climate change on the future distributions and numbers of waders on Britain's non-estuarine coast. *Ibis* 146 (supplement 1): 70-81.
- Rehfisch, M.M. & Crick, H.Q.P. 2003. Predicting the impact of climate change on Arctic-breeding waders. *Wader Study Group Bulletin* 100: 86-95.
- Rehfisch, M.M., Holloway, S.J. & Austin, G.E. 2003b. Population estimates of waders on the non-estuarine coasts of the UK and the Isle of Man during the winter of 1997-98. *Bird Study* 50: 22-32.
- Robinson-Dean, J. & Ribbands, B. 2004. *Final report East Sanday Coast SPA – wintering and passage waders*. Unpublished report. SNH.
- Swann, R.L. & Etheridge, B. 1996. Movements of waders to and from the Moray Firth. *Ringing & Migration* 17: 111-121.
- Swann, R.L. & Insley, H. 1997. *Survey of movements, age structure and biometrics of waders residing in the Moray Firth*. An unpublished report by the Highland Ringing Group to Scottish Natural Heritage.
- Symonds, F.L., Langslow, D.R. & Pienkowski, M.W. 1984. Movements of wintering shorebirds within the Firth of Forth: species differences in usage of an intertidal complex. *Biological Conservation* 28: 187-215.

193 Eskimo Curlew (18)

- BirdLife International. 1998. *Threatened Birds of the World*. Lynx Edicions, Barcelona.
- British Ornithologists' Union (BOU). 2007. British Ornithologists' Union Records Committee: 34th Report (October 2006). *Ibis* 149: 194-197.
- Butchart, S.H.M., Stattersfield, A.J. & Brooks, T.M. 2006. Going or gone: defining 'Possibly Extinct' species to give a truer picture of recent extinctions. *Bulletin of the British Ornithologists' Club* 126A: 7-24.
- Drummond-Hay, H.M. 1886. Report on the ornithology of the east of Scotland, from Fife to Aberdeenshire inclusive. *Scottish Naturalist* 8: 355-380.
- Gill, R.E., Jr., Canevari, P. & Iversen, E.H. 1998. Eskimo Curlew (*Numenius borealis*). In: Poole, A. & Gill, F. (eds) *The Birds of North America*. Volume 347. The Birds of North America Inc., Philadelphia, PA.
- Greenway, J.C. 1967. *Extinct and Vanishing Birds of the World*. 2nd Edition. Dover, New York.
- Harting, J.E. 1879b. Esquimaux Curlew in Aberdeenshire. *Zoologist* 37: 135.
- Harting, J.E. 1901. *A Handbook of British Birds*. 2nd Edition. Nimmo, London.
- Harvie-Brown, J.A. 1880b. Rare birds and the autumnal migrations. *Zoologist* 1880: 485-486.
- Horn, W. 1881. Collected notes on the birds of Buchan. *Proceedings of Natural History Society of Glasgow* 4: 234-256.
- Lamb, H.H. 1972. *British Isles weather types and a register of the daily sequence of circulation patterns 1861-1971*. HMSO, London.
- Longmuir, J. 1855. Occurrence of the Esquimaux Curlew (*Numenius borealis*) in Scotland. *Naturalist* 5: 265-268.
- Saunders, H. 1889. *An Illustrated Manual of British Birds*. Van Voorst, London.
- Serle, W. 1895b. The avi-fauna of Buchan. *Transactions of the Buchan Field Club* 3: 195-212.
- Sim, G. 1879. Esquimaux Curlew. *Scottish Naturalist* 5: 36.
- Sim, G. 1880. Esquimaux Curlew in Kincardineshire. *Zoologist* 1880: 515-516.
- Sim, G. 1903. *The Vertebrate Fauna of 'Dee'*. Wyllie, Aberdeen.
- Yarrell, W. 1856. *A History of British Birds*. Volume 2. 3rd Edition. Van Voorst, London.

194 Whimbrel (25)

- Bannerman, D.A. 1961a. *The Birds of the British Isles*. Volume 9. Oliver & Boyd, Edinburgh.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Buckley, T.E. 1900e. Ornithological notes from Orkney. *Annals of Scottish Natural History* 1900: 245-246.
- Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
- Cunningham, W.A.J. 1958a. Breeding of Whimbrel in Lewis. *Scottish Birds* 1: 13.
- Daukes, A.H. 1931. Breeding of the Whimbrel in Inverness-shire. *British Birds* 25: 62-65.
- Daukes, A.H. 1933b. Breeding of the Whimbrel in Inverness-shire. *British Birds* 27: 76-78.
- Dore, C.P., Ellis, P.M. & Stuart, E.M. 1996. Numbers of Whimbrel breeding in Shetland in 1989-1994 and previously. *Scottish Birds* 18: 193-196.
- Dresser, H.E. 1910. *Eggs of the Birds of Europe, including all the species inhabiting the Western Palearctic area*. Privately published, London.
- Edmondston, A. 1809. *A View of the Ancient and Present State of the Zetland Islands: including their civil, political, and natural history; antiquities; and an account of their agriculture, fisheries, commerce, and the state of society and manners*. J. Ballantyne (printer), Edinburgh.
- Grant, M.C. 1991. Nesting densities, productivity and survival of breeding Whimbrel *Numenius phaeopus* in Shetland. *Bird Study* 38: 160-169.
- Grant, M.C. 1992. The effects of re-seeding heathland on breeding whimbrel *Numenius phaeopus* in Shetland. I. Nest distributions. *Journal of Applied Ecology* 29: 501-508.
- Grant, M.C., Chambers, R.E. & Evans, P.R. 1992a. The effects of re-seeding heathland on breeding whimbrel *Numenius phaeopus* in Shetland. II. Habitat use by adults during the pre-laying period. *Journal of Applied Ecology* 29: 509-515.
- Grant, M.C., Chambers, R.E. & Evans, P.R. 1992b. The effects of re-seeding heathland on breeding whimbrel *Numenius phaeopus* in Shetland. III. Habitat use by broods. *Journal of Applied Ecology* 29: 516-523.
- Harris, M.P., Murray, S. & Wright, W. 1981. Two Whimbrels laying in one nest. *Scottish Birds* 11: 164-166.
- Harvie-Brown, J.A. 1871. On the birds found breeding in Sutherlandshire. *Proceedings of the Natural History Society of Glasgow* 2: 69-134.
- Headlam, C.G. 1971. Whimbrels breeding at sea level in Northern Highlands. *Scottish Birds* 6: 279-280.
- Henderson, M. 1961. Whimbrel breeding in Sutherland. *Scottish Birds* 1: 427.
- Murray, S. 2002b. The birds of St Kilda. *Scottish Birds* 23 (supplement): 1-64.
- Richardson, M.G. 1990. The distribution and status of Whimbrel *Numenius p. phaeopus* in Shetland and Britain. *Bird Study* 37: 61-68.
- Rogers, M.J. & the Rarities Committee. 2003. Report on rare birds in Great Britain in 2002. *British Birds* 96: 542-609.
- Slater, P.J.B. 1964b. Current notes. *Scottish Birds* 3: 197-206.
- Venables, L.S.V. & Venables, U.M. 1955. *The Birds and Mammals of Shetland*. Oliver & Boyd, Edinburgh.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
- Williamson, K. & Thom, V.M. 1955a. Hudsonian Whimbrel at Fair Isle. *British Birds* 48: 379-381.

195 Eurasian Curlew (28)

- Allport, G., O'Brien, M. & Cadbury, C.J. 1986. *Breeding Redshanks survey on saltmarshes 1985*. Unpublished report. RSPB, Sandy.
- Bainbridge, I.P. & Minton, C.D.T. 1978. The migration and mortality of the curlew in Britain and Ireland. *Bird Study* 25: 39-50.
- Bainbridge, I.P. & Minton, C.D.T. 1979. Primary moult of curlews at The Wash, England. *Wader Study Group Bulletin* 27: 28-29.
- Baker, H., Stroud, D.A., Aebsicher, N.J., Cranswick, P.A., Gregory, R.D., McSorley, C.A., Noble, D.G. & Rehfisch, M.M. 2006. Population estimates of birds in Great Britain and the United Kingdom. *British Birds* 99: 25-44.
- BirdLife International/European Bird Census Council. 2000. *Bird Populations: estimates and trends*. BirdLife Conservation Series No. 10. BirdLife International, Cambridge.
- Collier, M.P., Banks, A.N., Austin, G.E., Girling, T., Hearn, R.D. & Musgrove, A.J. 2005. *The Wetland Bird Survey 2003/04: wildfowl and wader counts*. BTO/WWT/RSPB/JNCC, Slimbridge.
- Currie, D., Valkama, J., Berg, Å., Boschert, M., Norrdahl, K., Hänninen, M., Korpimäki, E., Pöyri, V. & Hemminki, O. 2001. Sex roles, parental effort and offspring desertion in the monogamous Eurasian Curlew *Numenius arquata*. *Ibis* 143: 642-650.
- Grant, M.C. 1997. Breeding curlew in the UK: RSPB research and implications for conservation. *RSPB Conservation Review* 11: 67-73.
- Grant, M.C., Lodge, C., Moore, N., Easton, J., Orsman, C. & Smith, M. 2000. Estimating the abundance and hatching success of breeding Curlew *Numenius arquata* using survey data. *Bird Study* 47: 41-51.
- Grant, M.C., Orsman, C., Easton, J., Lodge, C., Smith, M., Thompson, G., Rodwell, S. & Moore, N. 1999. Breeding success and causes of breeding failure of curlew *Numenius arquata* in Northern Ireland. *Journal of Applied Ecology* 36: 59-74.

- Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
- Macaulay Institute for Soil Research (MISR). 1982b. *Soil Survey of Scotland. 1: 250,000 maps, sheets 1-7. Land Capability for Agriculture*. University Press, Aberdeen.
- MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
- Maclean, I.M.D., Austin, G.E., Mellan, H.J. & Girling, T. 2005. *WeBS Alerts 2003/2004: changes in numbers of wintering waterbirds in the United Kingdom, its Constituent Countries, Special Protection Areas (SPAs) and Sites of Special Scientific Interest (SSSIs)*. BTO Research Report 416. BTO, Thetford.
- Noble, D.G., Bashford, R.I. & Baillie, S.R. 2000. *The Breeding Bird Survey 1999*. BTO Research Report. BTO, Thetford.
- O'Brien, M. 1996. The numbers of breeding waders in lowland Scotland. *Scottish Birds* 18: 231-241.
- O'Brien, M., Tharme, A. & Jackson, D. 2002. Changes in breeding wader numbers on Scottish farmed land during the 1990s. *Scottish Birds* 23: 10-21.
- O'Brien, M. & Whyte, C.S. 2004. Estimating the breeding wader populations of Scottish uplands and salt marshes. *Scottish Birds* 24 (2): 17-28.
- O'Brien, M.G. 2005. Estimating the number of farmland waders breeding in the United Kingdom. *International Wader Studies* 14: 135-139.
- Pollitt, M.S., Hall, C., Holloway, S.J., Hearn, R.D., Marshall, P.E., Musgrove, A.J., Robinson, J.A. & Cranswick, P.A. 2003. *The Wetland Bird Survey 2000-01: wildfowl and wader counts*. BTO/WWT/RSPB/JNCC, Slimbridge.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Rehfisch, M.M., Austin, G.E., Armitage, M.J.S., Atkinson, P.W., Holloway, S.J., Musgrove, A.J. & Pollitt, M.S. 2003a. Numbers of wintering waterbirds in Great Britain and the Isle of Man (1994/1995-1998/1999): II. Coastal waders (Charadrii). *Biological Conservation* 112: 329-341.
- Rehfisch, M.M., Holloway, S.J. & Austin, G.E. 2003b. Population estimates of waders on the non-estuarine coasts of the UK and the Isle of Man during the winter of 1997-98. *Bird Study* 50: 22-32.
- Sach, G. 1978. Die Mauser der Grosser Brachvogels, *Numenius arquata*. *Journal für Ornithologie* 109: 485-511.
- Scottish Executive. 2005. *Key Scottish Environment Statistics 2005*. Scottish Executive, Edinburgh.
- Stone, B.H., Sears, J., Cranswick, P.A., Gregory, R.D., Gibbons, D.W., Rehfisch, M.M., Aebsicher, N.J. & Reid, J.B. 1997. Population estimates of birds in Britain and in the United Kingdom. *British Birds* 90: 1-22.
- Stroud, D.A., Davidson, N.C., West, R., Scott, D.A., Haanstra, L., Thorup, O., Ganter, B. & Delany, S. 2004. Status of migratory wader populations in Africa and Western Eurasia in the 1990s. *International Wader Studies* 15: 1-259.
- Wilson, A.M. & Browne, S.J. 1999. Breeding population estimates for Lapwing, Oystercatcher, and Curlew in Scotland: results of the 1998 BTO Lapwing survey. *Scottish Birds* 20: 73-80.

196 Upland Sandpiper (5)

- Dennis, R.H. 1971c. Upland Sandpiper at Fair Isle. *Scottish Birds* 6: 445-446.
- Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Ritchie, J. 1933. Bartram's Sandpiper in Dumfries-shire. *British Birds* 27: 205-206.
- Votier, S. 2005. Upland Sandpiper on Foula: 2nd for SBC area, 4th Shetland record. *Shetland Bird Report* 2004: 108.

197 Terek Sandpiper (4)

- Gibson, I. 1998b. Terek Sandpiper on the Clyde Estuary. *Clyde Birds* 10: 143-144.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Pullan, D. 1999c. Terek Sandpiper at Loch Spynie - new to Moray & Nairn. *Birds in Moray & Nairn* 1998: 82-83.
- Simpson, J.H. 1978. Terek Sandpiper in Shetland. *Scottish Birds* 10: 53-55.

198 Common Sandpiper (27)

- Baillie, S.R., Crick, H.Q.P., Balmer, D.E., Beaven, L.P., Downie, I.S., Freeman, S.N., Leech, D.I., Marchant, J.H., Noble, D.G., Raven, M.J., Simpkin, A.P., Thewlis, R.M. & Wernham, C.V. 2002. *Breeding Birds in the Wider Countryside: their conservation status 2001*. BTO Research Report 278. BTO, Thetford.
- BirdLife International. 2004a. *Birds in Europe: population estimates, trends and conservation status*. BirdLife Conservation Series No. 12. BirdLife International, Cambridge.
- Cowper, C.N.L. 1973. Breeding distribution of Grey Wagtails, Dippers and Common Sandpipers on the Midlothian Esk. *Scottish Birds* 7: 302-306.
- Dougall, T.W. 1999. Ringing in the Scottish Borders 1996 & 1997. *Borders Bird Report* 18: 99-108.
- Dougall, T.W. 2005. Ringing in the Scottish Borders 2003 & 2004. *Borders Bird Report* 22: 139-151.

- Dougall, T.W., Holland, P.K., Mee, A. & Yalden, D.W. 2004. A revised estimate of the breeding population of Common Sandpipers *Actitis hypoleucus* in Great Britain and Ireland. *Wader Study Group Bulletin* 105: 42-49.
- Dougall, T.W., Holland, P.K., Mee, A. & Yalden, D.W. 2005. Comparative population dynamics of Common Sandpipers *Actitis hypoleucus*: living at the edge. *Bird Study* 52: 80-87.
- Dougall, T.W., Mee, A. & Yalden, D.W. 1999. Recent fluctuations in a Common Sandpiper breeding population. *Scottish Birds* 20: 44-45.
- Harris, S., Morris, P., Wray, S. & Yalden, D.W. 1995. *A Review of British Mammals: population estimates and conservation status of British mammals other than cetaceans*. Joint Nature Conservation Committee, Peterborough.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Holland, P.K., Robson, J.E. & Yalden, D.W. 1982. The breeding biology of the Common Sandpiper *Actitis hypoleucus* in the Peak District. *Bird Study* 29: 99-110.
- Holland, P.K. & Yalden, D.W. 1995. Who lives and who dies? The impact of severe April weather on breeding Common Sandpipers *Actitis hypoleucus*. *Ringing & Migration* 16: 121-123.
- Holland, P.K. & Yalden, D.W. 2002. Population dynamics of Common Sandpipers *Actitis hypoleucus* in the Peak District of Derbyshire - a different decade. *Bird Study* 49: 131-138.
- Jenkins, D. 1984a. *The Biology and Management of the River Dee*. Institute of Terrestrial Ecology, Banchory.
- Marchant, J.H., Hudson, R., Carter, S.P. & Whittington, P. 1990. *Population Trends in British Breeding Birds*. BTO/JNCC, Tring.
- Mead, C. 2000. *The State of the Nation's Birds*. Whittet Books, Stowmarket.
- Mearns, R. & Mearns, B. 2005. Unusually large roost of Common Sandpipers on the Solway. *Scottish Birds* 25: 53.
- Mee, A. 2001. *Reproductive strategies in the Common Sandpiper Actitis hypoleucus*. Unpublished PhD thesis, University of Sheffield.
- Nethersole-Thompson, D. & Nethersole-Thompson, M. 1986a. *Waders: their breeding haunts and watchers*. T. & A.D. Poyser, Calton.
- Prater, A.J. 1981. *Estuary Birds of Britain and Ireland*. T. & A.D. Poyser, Calton.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Rehfisch, M.M., Austin, G.E., Armitage, M.J.S., Atkinson, P.W., Holloway, S.J., Musgrove, A.J. & Pollitt, M.S. 2003a. Numbers of wintering waterbirds in Great Britain and the Isle of Man (1994/1995-1998/1999): II. Coastal waders (Charadrii). *Biological Conservation* 112: 329-341.
- Stott, M., Callion, J., Kinley, I., Raven, C. & Roberts, J. (eds) 2002. *The Breeding Birds of Cumbria: a tetrad atlas 1997-2001*. Cumbria Bird Club.
- Vickery, J.A. 1988. *The effects of surface water acidification on riparian birds - with particular reference to the dipper*. Unpublished DPhil thesis, University of Oxford.
- Vickery, J.A. 1991. Breeding density of Dippers *Cinclus cinclus*, Grey Wagtails *Motacilla cinerea* and Common Sandpipers *Actitis hypoleucus* in relation to the acidity of streams in south-west Scotland. *Ibis* 133: 178-185.
- Watson, A., Nethersole-Thompson, D., Duncan, K., Galbraith, H., Rae, S., Smith, R. & Thomas, C. 1988. Decline of shore waders at Loch Morlich. *Scottish Birds* 15: 91-92.
- Yalden, D.W. 1992. The influence of recreational disturbance on Common Sandpipers *Actitis hypoleucus* breeding by an upland reservoir. *Biological Conservation* 61: 41-49.

199 Spotted Sandpiper (7)

- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Mellor, M. 1999a. Spotted Sandpiper in North Mainland - third Shetland record. *Shetland Bird Report* 1998: 91-92.
- Pullan, D. 2000a. Spotted Sandpiper at Loch Spynie - new to Moray & Nairn. *Birds in Moray & Nairn* 1999: 83-84.
- Vick, L.L.J. 1972. Spotted Sandpiper in East Lothian. *Scottish Birds* 7: 204-205.
- Wallace, D.I.M. 1970. Identification of Spotted Sandpipers out of breeding plumage. *British Birds* 63: 168-173.
- Wilson, G.E. 1976. Spotted Sandpipers nesting in Scotland. *British Birds* 69: 288-292.
- Wilson, G.E. 1999. Blast from the past: Spotted Sandpipers nesting in Scotland - a first for the Western Palearctic. *Birding Scotland* 2: 10-12.

200 Green Sandpiper (14)

- Bannerman, D.A. 1961b. *The Birds of the British Isles*. Volume 10. Oliver & Boyd, Edinburgh.
- Baxter, E.V. & Rintoul, L.J. 1930. Green Sandpiper and Dusky Redshank in Fife. *Scottish Naturalist* 1930: 142.
- Clifton, F.R. 1959. Green Sandpiper breeding in Inverness-shire. *British Birds* 52: 430-432.
- Cunningham, P. 1990. *The Birds of the Outer Hebrides: a guide to their status and distribution*. Updated Edition. The Mercat Press, Edinburgh.
- Dennis, R. 1984. *Birds of Badenoch and Strathspey*. Roy Dennis Enterprises, North Kessock.

- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Hewson, R. 1957. Green Sandpiper in Inverness-shire in August. *Scottish Naturalist* 1957: 185.
- Macdonald, D. 1915. Green Sandpiper in "Clyde" in spring. *Scottish Naturalist* 1915: 46.
- Mayer-Gross, H. 1958. Green Sandpipers in Solway. *Scottish Birds* 1: 14.
- McMillan, R.L. 2005. *Skye Birds: an illustrated guide to the birds of Skye*. Skye-birds.com, Elgol.
- Ritchie, A.T.A. 1911. Green Sandpiper in the island of Lewis. *Annals of Scottish Natural History* 1911: 246.
- Robertson, J. 1915b. Green Sandpiper in East Renfrewshire. *Scottish Naturalist* 1915: 46-47.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
- Wilson, R. & Wilson, H.W. 1905. Green Sandpiper in Renfrewshire. *Annals of Scottish Natural History* 1905: 120.

201 Solitary Sandpiper (7)

- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Gray, R. 1870a. Letter on the occurrence in Scotland of *Astur astricapillus* and *Totanus chloropygius*. *Ibis* 1870: 291-292.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- McGowan, R.Y. & Weir, D.N. 2002. Racial identification of Fair Isle Solitary Sandpiper. *British Birds* 95: 313-314.
- Palmer, P. 2000. *First for Britain and Ireland, 1600-1999*. Arlequin Press, Chelmsford.
- Riddington, R. 1993. Solitary Sandpiper on Fair Isle: a third Scottish record. *Scottish Birds* 17: 62-63.
- Wilson, A. 1808-14. *American Ornithology*. 9 volumes. Bradford & Inskeep, Philadelphia.
- Witherall, M. 2003. Solitary Sandpiper, Isle of Lewis, October 2003 - fourth Scottish record. *Birding Scotland* 6: 183-184.

202 Grey-tailed Tattler (2)

- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Stenning, J. & Hirst, P. 1994. The Grey-tailed Tattler in Grampian – the second Western Palearctic record. *Birding World* 7: 469-472.

203 Spotted Redshank (11)

- Anon. 1959. Spotted Redshanks in autumn 1958. *Scottish Birds* 1: 71.
- Anthes, N. 2004. Long-distance migration timing of *Tringa* sandpipers adjusted to recent climate change. *Bird Study* 51: 203-211.
- Baxter, E.V. & Rintoul, L.J. 1930. Green Sandpiper and Dusky Redshank in Fife. *Scottish Naturalist* 1930: 142.
- Blomqvist, S., Holmgren, N., Åkesson, S., Hedenstrom, A. & Pettersson, J. 2002. Indirect effects of lemming cycles on sandpiper dynamics: 50 years of counts from southern Sweden. *Oecologia* 133: 146-158.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Hildén, O. 1979. The timing and arrival of the Spotted Redshank *Tringa erythropus* in Finland. *Ornis Fennica* 56: 18-23.
- Macpherson, H.A. 1897. The Spotted Redshank on the Solway Firth. *Annals of Scottish Natural History* 1897: 219-222.
- Mason, C.F. 1969. Waders and terns in Leicestershire and an index of relative abundance. *British Birds* 62: 523-533.
- Robertson, J. 1920a. Spotted Redshank in east Renfrewshire. *Scottish Naturalist* 1920: 48.
- Smith, A.J.M. 1958a. Spotted Redshank in Morayshire and Nairnshire. *Scottish Birds* 1: 33-34.
- Stout, G. 1930d. Dusky Redshank at Fair Isle. *Scottish Naturalist* 1930: 153.

204 Greater Yellowlegs (6)

- Elphick, C.S. & Tibbitts, T.L. 1998. Greater Yellowlegs (*Tringa melanoleuca*). In: Poole, A. & Gill, F. (eds) *The Birds of North America*. Volume 355. The Birds of North America Inc., Philadelphia, PA.
- Harrison, J.G. & Harrison, J.M. 1959. Greater Yellowlegs in Aberdeenshire. *Scottish Birds* 1: 94.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Knox, A.G. 2006. The 1957 Aberdeenshire Greater Yellowlegs - first record for Scotland. *Birding Scotland* 9: 39-40.
- Phillips, I.M. 1997. *Rare and Scarce Birds in North East Scotland*. I.M. Phillips, Cove.
- Rabbatts, B. 2000a. Greater Yellowlegs, Outer Hebrides – sixth record for Scotland. *Birding Scotland* 3: 35.

205 Common Greenshank (15)

- Gilroy, N. 2001. *The Greenshank Story: an account of Norman Gilroy's fieldwork on the Greenshank in Scotland*. Peregrine Books, London.
- Hancock, M.H., Gibbons, D.W. & Thompson, P.S. 1997. The status of breeding Greenshank *Tringa nebularia* in the United Kingdom in 1995. *Bird Study* 44: 290-302.
- Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Nethersole-Thompson, D. 1951. *The Greenshank*. Collins, London.
- Nethersole-Thompson, D. & Nethersole-Thompson, M. 1986b. *Greenshanks*. T. & A.D. Poyser, Calton.
- Nethersole-Thompson, D. & Watson, A. 1981. *The Cairngorms: their natural history and scenery*. 2nd Edition. The Melven Press, Perth.
- Reed, T.M., Langslow, D.R. & Symonds, F.L. 1983c. Breeding waders of the Caithness flows. *Scottish Birds* 12: 180-186.
- Ritchie, J. & Grimshaw, P.H. 1925. Greenshank nesting in Scottish Lowlands. *Scottish Naturalist* 1925: 107.
- Saxby, H.L. 1874. *The Birds of Shetland*. Maclachlan & Stewart, Edinburgh.
- Stroud, D.A., Reed, T.M., Pienkowski, M.W. & Lindsay, R.A. 1987. *Birds, Bogs and Forestry: the Peatlands of Caithness and Sutherland*. Nature Conservancy Council, Peterborough.
- Thompson, D.B.A., Thompson, P.S. & Nethersole-Thompson, D. 1986. Timing of breeding and breeding performance in a population of greenshanks (*Tringa nebularia*). *Journal of Animal Ecology* 55: 181-199.
- Thompson, M.L.P. 1982b. Movement of a Greenshank chick. *Scottish Birds* 12: 56-57.
- Thompson, P.S. & Thompson, D.B.A. 1991. Greenshanks *Tringa nebularia* and long-term studies of breeding waders. *Ibis* 133 (supplement 1): 99-112.
- Whitfield, D.P. 1997. Waders (Charadriidae) on Scottish blanket bogs: recent changes in numbers of breeding birds. In: Parkyn, I., Stoneman, R.E. & Ingram, H.A.P. (eds) *Conserving Peatlands*. pp 103-111. Centre for Agriculture and Bioscience International, Wallingford.

206 Lesser Yellowlegs (5)

- Anon. 1961c. Corrections of previous records: Lesser Yellowlegs in Aberdeenshire. *Scottish Birds* 1: 442.
- Baxter, E.V. 1955. Review of ornithological changes in Scotland in 1953. *Scottish Naturalist* 1955: 98-105.
- Clarke, W.E. 1911a. Birds observed at Fair Isle during the year 1910. *Annals of Scottish Natural History* 1911: 53.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Smith, A.J.M. & Maxwell, R. 1960a. Lesser Yellowlegs in Aberdeenshire. *Scottish Birds* 1: 188-189.

207 Marsh Sandpiper (4)

- Coutts, D. 1970. Marsh Sandpiper in Shetland. *Scottish Birds* 6: 42.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Stark, D.M. 1967. Marsh Sandpiper in Caithness - a new Scottish bird. *Scottish Birds* 4: 557.
- Thompson, G. 1998. Marsh Sandpiper at Musselburgh, May 1997. *Lothian Bird Report* 1997: 100-101.

208 Wood Sandpiper (23)

- Batten, L.A., Bibby, C.J., Clement, P., Elliott, G.D. & Porter, R.F. 1990. *Red Data Birds in Britain: action for rare, threatened and important species*. T. & A.D. Poyser, London.
- Berry, W. 1911. Wood Sandpiper (*Totanus glareola*) in Fifeshire. *Annals of Scottish Natural History* 1911: 248-249.
- Booth, E.T. 1881-87. *Rough Notes on the Birds Observed During Twenty Five Years Shooting and Collecting in the British Isles*. 3 volumes. Porter & Dulau, London.
- Chisholm, K. 2007. The history of breeding Wood Sandpiper *Tringa glareola* in Britain. *British Birds* 100: 112-121.
- Cook, R. 1960. Wood Sandpiper breeding in west Inverness-shire. *Scottish Birds* 1: 331-333.
- Downhill, I. & Hallas, G. 1959. Wood Sandpiper breeding in Sutherland. *Scottish Birds* 1: 150-151.
- Downhill, I.R. & Pennie, I.D. 1963. Wood Sandpipers breeding in Sutherland. *Scottish Birds* 2: 309.
- Evans, W. 1899. Note on the eggs of the Wood Sandpiper (*Totanus glareola*) taken in Elginshire in 1853. *Annals of Scottish Natural History* 1899: 14-16.
- Evans, W. 1910a. The supposed eggs of the Wood Sandpiper (*Totanus glareola*) taken in Elginshire in 1853. *Annals of Scottish Natural History* 1910: 74-76.
- Kalejta-Summers, B. 2002. *Habitat selection of Wood Sandpipers Tringa glareola*. Confidential report. RSPB, Inverness.
- Kalejta-Summers, B. 2006. *Habitat selection by breeding Wood Sandpipers Tringa glareola in Scotland – preliminary results*. Confidential report. RSPB, Inverness.
- Kirchner, H. 1978. *Bruchwasserlaeufer und Waldwasserlaeufer Tringa glareola und Tringa ochropus*. A. Ziemsen

- Verlag, Wittenberg Lutherstadt.
- Macdonald, D. 1964. Wood Sandpiper breeding in North Sutherland. *Scottish Birds* 3: 196.
- More, A.G. 1865. On the distribution of birds in Great Britain during the nesting-season. *Ibis* 1865: 1-27, 119-142, 425-458.
- Nethersole-Thompson, D. 1971. *Highland Birds*. Highlands & Islands Development Board, Inverness.
- Nethersole-Thompson, D. & Nethersole-Thompson, M. 1986a. *Waders: their breeding haunts and watchers*. T. & A.D. Poyser, Calton.
- Nisbet, I.C.T. 1956. Records of Wood Sandpipers in Britain in the autumn of 1952. *British Birds* 49: 49-62.
- Ogilvie, M. & the Rare Breeding Birds Panel. 1999a. Rare breeding birds in the United Kingdom in 1996. *British Birds* 92: 120-154.
- Ogilvie, M. & the Rare Breeding Birds Panel. 2000. Rare breeding birds in the United Kingdom in 1998. *British Birds* 93: 358-393.
- Ogilvie, M. & the Rare Breeding Birds Panel. 2003. Rare breeding birds in the United Kingdom in 2001. *British Birds* 96: 476-519.
- Smith, J.A. 1858. Notice of the Wood Sandpiper (*Totanus glareola*, Temm.) shot in Mid-Lothian. *Proceedings of the Royal Physical Society of Edinburgh* 1: 249-250.
- Stalker, D. 1959. Wood Sandpipers in east Inverness, Lanark and East Lothian. *Scottish Birds* 1: 124.
- Thom, V.M. 1966b. Probable breeding of Wood Sandpiper in Perthshire. *Scottish Birds* 4: 228.

209 Common Redshank (40)

- Brindley, E., Norris, K., Cook, T., Babbs, S., Brown, C.F., Massey, P., Thompson, R. & Yaxley, R. 1998. The abundance and conservation status of Redshank *Tringa totanus* nesting on saltmarshes in Great Britain. *Biological Conservation* 86: 289-297.
- Cresswell, W. 1994. Flocking is an effective anti-predation strategy in redshanks, *Tringa tetanus*. *Animal Behaviour* 47: 433-442.
- Cresswell, W. & Whitfield, D.P. 1994. The effects of raptor predation on wintering wader populations at the Tynningham estuary, southeast Scotland. *Ibis* 136: 223-232.
- Davidson, N.C. & Evans, P.R. 1982. Mortality of Redshanks and Oystercatchers from starvation during severe weather. *Bird Study* 29: 183-188.
- Fuller, R.J., Reed, T.M., Buxton, N.E., Webb, A., Williams, T.D. & Pienkowski, M.W. 1986. Populations of breeding waders Charadrii and their habitats on crofting land on the Outer Hebrides, Scotland. *Biological Conservation* 37: 333-361.
- Furness, R.W. & Baillie, S.R. 1981. Age ratios, wing length and moult as indicators of the population structure of Redshank wintering on British estuaries. *Ringing & Migration* 3: 123-132.
- Furness, R.W. & Galbraith, H. 1980. Numbers, passage and local movements of Redshank *Tringa totanus* on the Clyde estuary as shown by dye-marking. *Wader Study Group Bulletin* 29: 19-22.
- Galbraith, H. & Furness, R.W. 1983. Breeding waders breeding on agricultural land. *Scottish Birds* 12: 148-153.
- Galbraith, H., Furness, R.W. & Fuller, R.J. 1984. Habitats and distribution of waders breeding on Scottish agricultural land. *Scottish Birds* 13: 98-107.
- Goss-Custard, J.D. & Moser, M.E. 1988. Rates of change in the numbers of dunlin, *Calidris alpina*, wintering in British estuaries in relation to the spread of *Spartina anglica*. *Journal of Applied Ecology* 25: 95-109.
- Insley, H., Peach, W.J., Swann, R.L. & Etheridge, B. 1997. Survival rates of Redshank *Tringa totanus* wintering on the Moray Firth. *Bird Study* 44: 277-289.
- Jackson, D. 1999. The winter range of Redshank breeding in the Outer Hebrides. *Outer Hebrides Bird Report* 1998: 104-106.
- Jackson, D.B. 2001a. Experimental removal of introduced hedgehogs improves wader success in the Western Isles, Scotland. *Journal of Applied Ecology* 38: 802-812.
- Jackson, D.B., Fuller, R.J. & Campbell, S.T. 2004. Long-term population changes among breeding shorebirds in the Outer Hebrides, Scotland, in relation to introduced hedgehogs (*Erinaceus europaeus*). *Biological Conservation* 117: 151-166.
- Jackson, D.B. & Green, R.E. 2000. The importance of the introduced hedgehog (*Erinaceus europaeus*) as a predator of the eggs of waders (Charadrii) on the machair in South Uist, Scotland. *Biological Conservation* 93: 333-348.
- Marchant, J.H., Hudson, R., Carter, S.P. & Whittington, P. 1990. *Population Trends in British Breeding Birds*. BTO/JNCC, Tring.
- Moser, M.E. 1987. A revision of population estimates for waders (Charadrii) wintering on the coastline of Britain. *Biological Conservation* 39: 153-164.
- Moser, M.E. & Summers, R.W. 1987. Wader populations on the non-estuarine coasts of Britain and Northern Ireland: results of the 1984-85 Winter Shorebird Count. *Bird Study* 34: 71-81.
- Nicoll, M. & Summers, R. 1980. A study of Redshanks in eastern Scotland. *Tay Ringing Group Report* 1978-79: 18-24.
- O'Brien, M., Tharme, A. & Jackson, D. 2002. Changes in breeding wader numbers on Scottish farmed land during the 1990s. *Scottish Birds* 23: 10-21.
- O'Brien, M. & Whyte, C.S. 2004. Estimating the breeding wader populations of Scottish uplands and salt marshes.

- Scottish Birds* 24 (2): 17-28.
- Ogilvie, M.A. 1963. The migrations of European Redshank and Dunlin. *Wildfowl* 14: 141-149.
- Pollitt, M.S., Hall, C., Holloway, S.J., Hearn, R.D., Marshall, P.E., Musgrove, A.J., Robinson, J.A. & Cranswick, P.A. 2003. *The Wetland Bird Survey 2000-01: wildfowl and wader counts*. BTO/WWT/RSPB/JNCC, Slimbridge.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Reed, T. 1985. Estimates of British breeding wader populations. *Wader Study Group Bulletin* 45: 11-12.
- Reed, T.M., Langslow, D.R. & Symonds, F.L. 1983c. Breeding waders of the Caithness flows. *Scottish Birds* 12: 180-186.
- Scottish Natural Heritage (SNH). 2002. *Uist Wader Project. Fact sheet number 1: all about Uist waders*.
- Shepherd, K.B., Green, M., Knight, A.C. & Stroud, D.A. 1988. *The breeding birds of Tiree and Coll in 1987/88 with special emphasis on breeding waders*. Unpublished report 827. NCC, Peterborough.
- Smith, K.W. 1983. The status and distribution of waders breeding on wet lowland grasslands in England and Wales. *Bird Study* 30: 177-192.
- Smith, R.W.J. 1979. Redshanks swimming for food. *Scottish Birds* 10: 179-180.
- Summers, R.W., Atkinson, N.K. & Nicoll, M. 1975a. Wintering wader populations on the rocky shores of eastern Scotland. *Scottish Birds* 8: 299-308.
- Summers, R.W. & Buxton, N.E. 1983. Winter wader populations on the open shores of northern Scotland. *Scottish Birds* 12: 206-211.
- Summers, R.W., Corse, C.J., Martin, M.W.A. & Meek, E.R. 1991. Shore-bird populations on the Orkney coastline in winter. *Scottish Birds* 16: 90-105.
- Summers, R.W., Ellis, P.M. & Johnston, J.P. 1988a. Waders on the coast of Shetland in winter: numbers and habitat preferences. *Scottish Birds* 15: 71-79.
- Summers, R.W., Nicoll, M., Underhill, L.G. & Petersen, A. 1988b. Methods for estimating the proportions of Icelandic and British Redshanks *Tringa totanus* in mixed populations wintering on British coasts. *Bird Study* 35: 169-180.
- Tewnon, A. & Thomis, M. 1975. Unusual nest of Redshank/Snipe. *Scottish Birds* 8: 382-383.
- Thompson, P.S. & Hale, W.G. 1989. Breeding site fidelity and natal philopatry in the Redshank *Tringa totanus*. *Ibis* 131: 214-224.
- Thompson, P.S. & Hale, W.G. 1991. Age-related reproductive variation in the Redshank *Tringa totanus*. *Ornis Scandinavica* 22: 353-359.
- Whitfield, D.P. 1988. Sparrowhawks *Accipiter nisus* affect the spacing behaviour of wintering Turnstone *Arenaria interpres* and Redshank *Tringa totanus*. *Ibis* 130: 284-287.
- Whitfield, D.P. 2003. Predation by Eurasian Sparrowhawks produces density-dependent mortality of wintering redshanks. *Journal of Animal Ecology* 72: 27-35.

210 Ruddy Turnstone (29)

- Adam, R.G. & Booth, C.J. 1999. The breeding birds of Auskerry, Orkney, 1969-1998. *Scottish Birds* 20: 1-5.
- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Branson, N.J.B.A., Ponting, E.D. & Minton, C.D.T. 1978. Turnstone migrations in Britain and Europe. *Bird Study* 25: 181-187.
- da Prato, E.S. & da Prato, S.R.D. 1979a. Wader counting on the rocky shores of East Lothian. *Scottish Birds* 10: 184-186.
- da Prato, E.S. & da Prato, S.R.D. 1985. The winter shorebird count in East Lothian in 1984. *Lothian Bird Report* 1984: 85-86.
- Darling, F.F. 1940. *Island Years*. G. Bell & Sons Ltd, London.
- Dobbie, J.B. 1908. Turnstone in Scotland in June. *Annals of Scottish Natural History* 1908: 182.
- Dott, H.E.M. 1997. Declines in Turnstones and Purple Sandpipers wintering in south east Scotland. *Scottish Birds* 19: 101-104.
- Dott, H.E.M. 1998. Shorebird numbers 1998. *Scottish Birds* 19: 306.
- Evans, P.R. 1968. Autumn movements and orientation of waders in northeast England and southern Scotland, studied by radar. *Bird Study* 15: 53-64.
- Ferns, P.N. 1981a. The spring movement of Turnstones through Britain in 1979. *Wader Study Group Bulletin* 30: 22-25.
- Hale, W.G. 1980. *Waders*. Collins, London.
- Hamilton, F. 1998b. Numbers of Turnstones and Purple Sandpipers on the East Lothian coast. *Scottish Birds* 19: 306.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Maclean, I.M.D., Austin, G.E., Mellan, H.J. & Girling, T. 2005. *WeBS Alerts 2003/2004: changes in numbers of wintering waterbirds in the United Kingdom, its Constituent Countries, Special Protection Areas (SPAs) and Sites of Special Scientific Interest (SSSIs)*. BTO Research Report 416. BTO, Thetford.
- Metcalfe, N.B. 1986. Variation in winter flocking associations and dispersion patterns in the turnstone *Arenaria*

- interpresa. Journal of Zoology, London* A209: 385-403.
- Metcalfe, N.B. & Furness, R.W. 1985. Survival, winter population stability and site fidelity in the Turnstone *Arenaria interpresa*. *Bird Study* 32: 207-214.
- Moser, M.E. & Carrier, M. 1983. Patterns of population turnover in Ringed Plovers and Turnstones during their spring passage through the Solway Firth in 1983. *Wader Study Group Bulletin* 39: 37-41.
- Moser, M.E. & Summers, R.W. 1987. Wader populations on the non-estuarine coasts of Britain and Northern Ireland: results of the 1984-85 Winter Shorebird Count. *Bird Study* 34: 71-81.
- Prŷs-Jones, R.P., Corse, C.J. & Summers, R.W. 1992. The role of the Orkney Islands as a spring staging post for Turnstones *Arenaria interpresa*. *Ringing & Migration* 13: 83-89.
- Rehfisch, M.M., Austin, G.E., Freeman, S.N., Armitage, M.J.S. & Burton, N.H.K. 2004. The possible impact of climate change on the future distributions and numbers of waders on Britain's non-estuarine coast. *Ibis* 146 (supplement 1): 70-81.
- Rehfisch, M.M., Holloway, S.J. & Austin, G.E. 2003b. Population estimates of waders on the non-estuarine coasts of the UK and the Isle of Man during the winter of 1997-98. *Bird Study* 50: 22-32.
- Sharrock, J.T.R. & the Rare Breeding Birds Panel. 1978. Rare breeding birds in the United Kingdom in 1976. *British Birds* 71: 11-33.
- Summers, R.W., Atkinson, N.K. & Nicoll, M. 1975a. Wintering wader populations on the rocky shores of eastern Scotland. *Scottish Birds* 8: 299-308.
- Summers, R.W., Atkinson, N.K. & Nicoll, M. 1975b. Aspects of Turnstone ecology in Scotland. *Tay Ringing Group Report* 1974: 3-10.
- Symonds, F.L., Langslow, D.R. & Pienkowski, M.W. 1984. Movements of wintering shorebirds within the Firth of Forth: species differences in usage of an intertidal complex. *Biological Conservation* 28: 187-215.
- Whitfield, D.P. 1990. Individual feeding specializations of wintering turnstone *Arenaria interpresa*. *Journal of Animal Ecology* 59: 193-211.
- Wilson, J.R. 1981. The migration of high Arctic shorebirds through Iceland. *Bird Study* 28: 21-32.

211 Wilson's Phalarope (8)

- Arnott, J.M.S. 1963. Wilson's Phalarope in Dunbartonshire. *Scottish Birds* 2: 366.
- Dick, G., Lees, L., Potter, J. & Taylor, I. 1964. Wilson's Phalarope in Fife. *Scottish Birds* 3: 82-83.
- Fellowes, E.C. 1973. Wilson's Phalarope in Kirkcudbrightshire. *Scottish Birds* 7: 313-314.
- Hamilton, F. & Macgregor, K. 2004. Wilson's Phalarope in Europe. *Scottish Bird News* 73: 17.
- Hamilton, F.D. & Macgregor, K.S. 1955. Wilson's Phalarope in Fife: a new British bird. *British Birds* 48: 15-17.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Paulson, D. 1993. *Shorebirds of the Pacific Northwest*. University of Washington Press, USA.
- Peterson, R.T. 1934. *A Field Guide to the Birds*. Houghton Mifflin Co., Boston & New York.
- Wilson, A. 1808-14. *American Ornithology*. 9 volumes. Bradford & Inskeep, Philadelphia.

212 Red-necked Phalarope (20)

- Batten, L.A., Bibby, C.J., Clement, P., Elliott, G.D. & Porter, R.F. 1990. *Red Data Birds in Britain: action for rare, threatened and important species*. T. & A.D. Poyser, London.
- Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
- Dunn, R. 1837. *The Ornithologist's Guide to the Islands of Orkney and Shetland*. Privately published, Hull.
- Everett, M.J. 1971b. Breeding status of Red-necked Phalaropes in Britain and Ireland. *British Birds* 64: 293-302.
- Harvie-Brown, J.A. 1903a. On the avifauna of the Outer Hebrides, 1888-1902 (continued). *Annals of Scottish Natural History* 1903: 7-22.
- Hildén, O. & Vuolanto, S. 1972. Breeding biology of the Red-necked Phalarope in Finland. *Ornis Fennica* 49: 57-85.
- Lack, D. 1943b. The breeding birds of Orkney. *Ibis* 85: 1-27.
- Maguire, E.J. 2001a. Flight identification of Grey and Red-necked Phalarope. *Birding Scotland* 4: 19-24.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- Murray, S. 2002b. The birds of St Kilda. *Scottish Birds* 23 (supplement): 1-64.
- O'Brien, M. in prep. Habitat selection by Red-necked Phalarope in Shetland.
- O'Brien, M., Beaumont, D., Smith, M. & Suddaby, D. in prep. Changes in the breeding status of Red-necked Phalaropes in Britain and Ireland since 1970. *British Birds*.
- O'Brien, M., Newbery, P. & Suddaby, D. 1997. Action for breeding Red-necked Phalaropes in Scotland. *RSPB Conservation Review* 11: 74-79.
- Pennant, T. 1776. *British Zoology*. 2 volumes. Benjamin White, London.
- Pennington, M.G. 1988. Breeding birds of North Ronaldsay, Orkney. *Scottish Birds* 15: 83-89.
- Pollock, R.K. 1972. Red-necked Phalarope in Dunbartonshire. *Scottish Birds* 7: 95.
- Reynolds, J.D. 1987. Mating system and nesting biology of the Red-necked Phalarope *Phalaropus lobatus*: what constrains polyandry? *Ibis* 129: 225-242.

- Schamel, D., Tracy, D.M. & Lank, D.B. 2004a. Male mate choice, male availability and egg production as limitations on polyandry in the red-necked phalarope. *Animal Behaviour* 67: 847-853.
- Schamel, D., Tracy, D.M., Lank, D.B. & Westneat, D.F. 2004b. Mate guarding, copulation strategies and paternity in the sex-role reversed, socially polyandrous red-necked phalarope *Phalaropus lobatus*. *Behavioural Ecology and Sociobiology* 57: 110-118.
- Yates, B., Henderson, K. & Dymond, N. 1983. *Red-necked Phalaropes in Britain and Ireland 1983*. Unpublished report. RSPB, Sandy.

213 Grey Phalarope (17)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Anon. 1960b. Current notes. *Scottish Birds* 1: 338-345.
- ap Rheinallt, T. 2000. Seawatching from Frenchman's Rocks, Islay. *Birding Scotland* 3: 116-121.
- Chandler, R.J. 1989. *The Macmillan Field Guide to North Atlantic Shorebirds*. Macmillan, London.
- Colston, P. & Burton, P. 1988. *A Field Guide to the Waders of Britain and Europe with North Africa and the Middle East*. Hodder, Stoughton.
- Dix, T.J. 1991. The status of Grey Phalarope *Phalaropus fulicarius* in the Outer Hebrides and the major influxes of 1989 and 1990. *Outer Hebrides Bird Report* 1989/90: 94-100.
- Evans, H. 1892b. Gray Phalarope (*Phalropus fulicarius* L.) in Jura. *Annals of Scottish Natural History* 1892: 72.
- Harrison, P. 1983. *Seabirds: an identification guide*. Croom Helm, Beckenham.
- Hayman, P., Marchant, J. & Prater, T. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, Beckenham.
- Kinnear, I. & Waterston, G. 1957. Grey Phalarope in Orkney. *Scottish Naturalist* 1957: 185.
- MacRury, J. 1892. The Gray Phalarope (*Phalaropus fulicarius*, L.) in Barra. *Annals of Scottish Natural History* 1892: 139.
- Maguire, E. 2005f. Occurrence of Grey Phalarope off W and NW Scotland & Northern Ireland during autumn 2004. *Machrihanish Seabird & Wildlife Observatory Report* 2002-2004: 27.
- Maguire, E.J. 2001a. Flight identification of Grey and Red-necked Phalarope. *Birding Scotland* 4: 19-24.
- Rivers, S.L. 2004a. The recent status of Grey Phalarope in Scotland. *Birding Scotland* 7: 70-73.
- Service, R. 1892a. Gray Phalarope (*Phalropus fulicarius* L.) in S.W. Scotland. *Annals of Scottish Natural History* 1892: 72-73.
- Skirving, R.S. 1892. The Gray Phalarope (*Phalropus fulicarius* L.) in Islay. *Annals of Scottish Natural History* 1892: 72.
- Verrall, K. & Bourne, W.R.P. 1982. Seabird movements around western Islay. *Scottish Birds* 12: 3-11.

214 Pomarine Skua (35)

- Andrew, D.G. 1994b. Spring passage of skuas in Outer Hebrides. *Scottish Birds* 17: 172.
- Brown, A. & Andrews, I.J. 1986. Influx of Pomarine Skuas in autumn 1985. *Lothian Bird Report* 1985: 104-108.
- Critchley, G. 1972b. A large movement of skuas in the Outer Hebrides. *Scottish Birds* 7: 205-206.
- Dalgleish, J.J. 1880b. Pomarine Skuas in the Firth of Forth in the autumn of 1879. *Proceedings of the Royal Physical Society of Edinburgh* 4: 274.
- Davenport, D.L. 1979. Spring passage of skuas at Balranald, North Uist. *Scottish Birds* 10: 216-220.
- Davenport, D.L. 1981. The spring passage of Pomarine and Long-tailed Skuas off the south and west coasts of Britain and Ireland. *Irish Birds* 2: 73-70.
- Davenport, D.L. 1984. Large passage of skuas off Scotland and Ireland in May 1982 and 1983. *Irish Birds* 2: 515-520.
- Davenport, D.L. 1987. Large passage of skuas off Balranald, North Uist in May 1986. *Scottish Birds* 14: 180-181.
- Davenport, D.L. 1992. The spring passage of Long-tailed and Pomarine Skuas in Britain and Ireland. *Birding World* 5: 92-95.
- Fox, A.D. & Aspinall, S.J. 1987. Pomarine Skuas in Britain and Ireland in autumn 1985. *British Birds* 80: 404-421.
- Furness, R.W. 1987. *The Skuas*. T. & A.D. Poyser, Calton.
- Godfrey, R. 1899. Pomatorhinine Skua in West Lothain. *Annals of Scottish Natural History* 1899: 52.
- Gray, R. 1885. On the bird life of the Firth of Forth during the storms of October and November, 1881. *History of the Berwickshire Naturalists' Club* 10: 84-87.
- Griffin, M. & McInerny, C.J. 2001. Skua watching at Hound Point, Lothian. *Birding Scotland* 4: 2-7.
- Harrop, H.R., Mellor, M. & Suddaby, D. 1993. Spring passage of Pomarine Skuas off Shetland in May 1992. *Scottish Birds* 17: 50-55.
- Harvie-Brown, J.A. 1903a. On the avifauna of the Outer Hebrides, 1888-1902 (continued). *Annals of Scottish Natural History* 1903: 7-22.
- Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
- Harvie-Brown, J.A. & Buckley, T.E. 1887. *A Vertebrate Fauna of Sutherland, Caithness and West Cromarty*. David Douglas, Edinburgh.
- Harvie-Brown, J.A. & Buckley, T.E. 1888. *A Vertebrate Fauna of the Outer Hebrides*. David Douglas, Edinburgh.

- Harvie-Brown, J.A. & Macpherson, H.A. 1904. *A Fauna of the North-west Highlands and Skye*. David Douglas, Edinburgh.
- Innes, M. 1993. The movement of skuas off Peterhead, Grampian. *North-East Scotland Bird Report* 1992: 10-14.
- Kirk, C. 1903b. Pomatorhine Skua at Loch Lomond. *Annals of Scottish Natural History* 1903: 51.
- Macpherson, H.A. 1899b. Pomatorhine Skua on the Solway Firth. *Annals of Scottish Natural History* 1899: 52.
- Maguire, E.J. 2001b. Sporadic late autumn occurrences of Pomarine Skua off western Scotland. *Outer Hebrides Bird Report* 2000: 141-144.
- McInerny, C.J. 2004. Sea-watching at Chanonry Point, Highland. *Birding Scotland* 7: 49-55.
- McInerny, C.J. & Griffin, M. 2007. Autumn skua migration at Hound Point, Lothian. *Scottish Birds* In Press.
- Olsen, K.M. & Larsson, H. 1997. *Skuas and Jaegers*. Pica Press, Robertsbridge.
- Owen, D.F. 1952. Pomatorhine Skua in Kirkcudbright. *Scottish Naturalist* 1952: 180.
- Pollock, C.M., Mavor, R., Weir, C.R., Reid, A., White, R.W., Tasker, M.L., Webb, A. & Reid, J.B. 2000. *The distribution of seabirds and marine mammals in the Atlantic Frontier, north and west of Scotland*. Joint Nature Conservation Committee, Aberdeen.
- Richmond, W.K. 1953. Pomatorhine Skuas in Forth. *Scottish Naturalist* 1953: 194-195.
- Rintoul, L.J. & Baxter, E.V. 1935. *A Vertebrate Fauna of Forth*. Oliver & Boyd, Edinburgh & London.
- Thorpe, R.I. 1981. Spring passage of skuas at Handa. *Scottish Birds* 11: 224-226.
- Traquair, R.H. 1879. On the occurrence of Pomarine Skua (*Lestris pomarinus*) in the east of Scotland in the autumn of the present year. *Proceedings of the Royal Physical Society of Edinburgh* 5: 376.
- Wallace, D.I.M. & Bourne, W.R.P. 1981. Seabird movements along the east coast of England. *British Birds* 74: 417-426.
- Waltho, C. 1999a. Pomarine Skua kleptoparasitising an inland gull roost. *Scottish Birds* 20: 41-42.

215 Arctic Skua (46)

- Arcos, J.M. 1997. *Kleptoparasitic behaviour of Arctic skuas migrating through the northwestern Mediterranean*. Unpublished PhD thesis, University of Barcelona, Spain.
- Arnott, S.A. & Ruxton, G.D. 2002. Sandeel recruitment in the North Sea demographic, climatic and trophic effects. *Marine Ecology Progress Series* 238: 199-210.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Caldow, R.W.G. & Furness, R.W. 1991. The relationship between kleptoparasitism and plumage polymorphism in the arctic skua *Stercorarius parasiticus* (L.). *Journal of Functional Ecology* 5: 331-339.
- Caldow, R.W.G. & Furness, R.W. 2000. The effect of food availability on the foraging behaviour of breeding great skuas *Catharacta skua* and arctic skuas *Stercorarius parasiticus*. *Journal of Avian Biology* 31: 367-375.
- Caldow, R.W.G. & Furness, R.W. 2001. Does Holling's disc equation explain the functional response of a kleptoparasite? *Journal of Animal Ecology* 70: 650-662.
- Catry, P., Phillips, R.A. & Furness, R.W. 1999. Evolution of reversed sexual size dimorphism in skuas and jaegers. *Auk* 116: 158-168.
- Catry, P., Phillips, R.A., Hamer, K.C., Ratcliffe, N.A. & Furness, R.W. 1998. The incidence of nonbreeding by adult great skuas and parasitic jaegers from Foula, Shetland. *Condor* 100: 448-455.
- Cramp, S., Bourne, W.R.P. & Saunders, D. 1974. *The Seabirds of Britain and Ireland*. Collins, London.
- Davis, S.E., Nager, R.G. & Furness, R.W. 2005. Food availability affects adult survival as well as breeding success of parasitic jaegers. *Ecology* 86: 1047-1056.
- Evans, A.H. & Buckley, T.E. 1899. *A Vertebrate Fauna of the Shetland Islands*. David Douglas, Edinburgh.
- Everett, M.J. 1982. Breeding Great and Arctic Skuas in Scotland in 1974-75. *Seabird Report* 6: 50-58.
- Ewins, P.J., Ellis, P.M., Bird, D.R. & Prior, A. 1988. The distribution and status of Arctic and Great Skuas in Shetland, 1985-86. *Scottish Birds* 15: 9-20.
- Furness, R.W. 1977a. Effects of Great Skuas on Arctic Skuas in Shetland. *British Birds* 70: 96-107.
- Furness, R.W. 1987. *The Skuas*. T. & A.D. Poyser, Calton.
- Furness, R.W. 2002. Management implications of interactions between fisheries and sandeel-dependent seabirds and seals in the North Sea. *ICES Journal of Marine Science* 59: 261-269.
- Furness, R.W. & Tasker, M.L. 2000. Seabird-fishery interactions quantifying the sensitivity of seabirds to reductions in sandeel abundance and identification of key areas for sensitive seabirds in the North Sea. *Marine Ecology Progress Series* 202: 253-264.
- Godfrey, R. 1903. Richardson's Skua wintering in Shetland. *Annals of Scottish Natural History* 1903: 120.
- Griffin, M. & McInerny, C.J. 2001. Skua watching at Hound Point, Lothian. *Birding Scotland* 4: 2-7.
- Harvie-Brown, J.A. 1906b. Richardson's Skua at Kincardine-on-Forth. *Annals of Scottish Natural History* 1906: 118.
- Innes, M. 1993. The movement of skuas off Peterhead, Grampian. *North-East Scotland Bird Report* 1992: 10-14.
- Lloyd, C.S., Tasker, M.L. & Partridge, K. 1991. *The Status of Seabirds in Britain and Ireland*. T. & A.D. Poyser, London.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- Mavor, R.A., Parsons, M., Heubeck, M., Pickerell, G. & Schmitt, S. 2003. *Seabird numbers and breeding success in Britain and Ireland, 2002*. UK Nature Conservation Series No. 27. Joint Nature Conservation Committee,

- Peterborough.
- McInerny, C.J. 2004. Sea-watching at Chanonry Point, Highland. *Birding Scotland* 7: 49-55.
- McInerny, C.J. & Griffin, M. 2007. Autumn skua migration at Hound Point, Lothian. *Scottish Birds* In Press.
- Newnham, J.A. 1984. Some aspects of the sea-bird movements observed from the Sussex coast during the spring 1983. *Sussex Bird Report* 36: 60-63.
- O'Donald, P. 1983. *The Arctic Skua*. Cambridge University Press, Cambridge.
- Pennant, T. 1771. *A Tour in Scotland 1769*. John Monk, Chester.
- Phillips, R.A., Caldow, R.W.G. & Furness, R.W. 1996. The influence of food availability on the breeding effort and reproductive success of Arctic Skuas *Stercorarius parasiticus*. *Ibis* 138: 410-419.
- Phillips, R.A. & Furness, R.W. 1997. Sex-specific variation in the loss of mass by breeding Arctic skuas. *Journal of Avian Biology* 28: 163-170.
- Phillips, R.A. & Furness, R.W. 1998a. Repeatability of breeding parameters in Arctic skuas. *Journal of Avian Biology* 29: 190-196.
- Phillips, R.A. & Furness, R.W. 1998b. Polymorphism, mating preferences and sexual selection in the Arctic skua. *Journal of Zoology, London* 245: 245-252.
- Phillips, R.A. & Furness, R.W. 1998c. Measurement of heritability of hatching date and chick condition in parasitic jaegers. *Canadian Journal of Zoology* 76: 2290-2294.
- Phillips, R.A., Furness, R.W. & Stewart, F.M. 1998. The influence of territory density on the vulnerability of Arctic skuas *Stercorarius parasiticus* to predation. *Biological Conservation* 86: 21-31.
- Pollock, C.M., Mavor, R., Weir, C.R., Reid, A., White, R.W., Tasker, M.L., Webb, A. & Reid, J.B. 2000. *The distribution of seabirds and marine mammals in the Atlantic Frontier, north and west of Scotland*. Joint Nature Conservation Committee, Aberdeen.
- Reed, T.M., Langslow, D.R. & Symonds, F.L. 1983b. Arctic Skuas in Caithness 1979 and 1980. *Bird Study* 30: 24-26.
- Steele, R.D. 1987. Large movement of skuas off Rattray Head. *North-East Scotland Bird Report* 1986: 50.
- Stone, C.J., Webb, A., Barton, C., Ratcliffe, N., Reed, T.C., Tasker, M.L., Camphuysen, C.J. & Pienkowski, M.W. 1995b. *An Atlas of Seabird Distribution in North-west European Waters*. Joint Nature Conservation Committee, Peterborough.
- Tasker, M.L., Webb, A., Hall, A.J., Pienkowski, M.W. & Langslow, D.R. 1987. *Seabirds in the North Sea*. Nature Conservancy Council, Peterborough.
- Taylor, I.R. 1979a. The kleptoparasitic behaviour of the Arctic Skua *Stercorarius parasiticus* with three species of tern. *Ibis* 121: 274-282.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
- Wallace, D.I.M. & Bourne, W.R.P. 1981. Seabird movements along the east coast of England. *British Birds* 74: 417-426.
- Webb, A., Harrison, N.M., Leaper, G.M., Steele, R.D., Tasker, M.L. & Pienkowski, M.W. 1990. *Seabird Distribution West of Britain. Final Report of Phase 3 of the Nature Conservancy Council Seabirds at Sea Project 1986-1990*. Nature Conservancy Council, Aberdeen.
- Williamson, K. 1965. *Fair Isle and its Birds*. Oliver & Boyd, Edinburgh.
- Wuorinen, J.D. 1992. Do Arctic Skuas *Stercorarius parasiticus* exploit and follow terns during autumn migration? *Ornis Fennica* 69: 198-200.

216 Long-tailed Skua (34)

- Andrews, I.J. & Griffin, M. 1989. Influx of Long-tailed Skuas in Lothian, autumn 1988. *Lothian Bird Report* 1988: 79-81.
- Bell, D.G. 1965. Studies of less familiar birds. 133. Long-tailed Skua. *British Birds* 58: 139-145.
- British Ornithologists' Union (BOU). 1992a. *Checklist of Birds of Britain and Ireland*. 6th Edition. Helm Information Ltd, London.
- Clugston, D.L., Forrester, R.W., McGowan, R.Y., Zonfrillo, B. on behalf of the Scottish Birds Records Committee. 2001. The Scottish List - species and subspecies. *Scottish Birds* 22: 33-49.
- Cunningham, W.A.J. 1959b. Long-tailed Skua in Lewis. *Scottish Birds* 1: 125.
- Davenport, D.L. 1979. Spring passage of skuas at Balranald, North Uist. *Scottish Birds* 10: 216-220.
- Davenport, D.L. 1981. The spring passage of Pomarine and Long-tailed Skuas off the south and west coasts of Britain and Ireland. *Irish Birds* 2: 73-70.
- Davenport, D.L. 1984. Large passage of skuas off Scotland and Ireland in May 1982 and 1983. *Irish Birds* 2: 515-520.
- Davenport, D.L. 1987. Large passage of skuas off Balranald, North Uist in May 1986. *Scottish Birds* 14: 180-181.
- Davenport, D.L. 1991. The spring passage of Long-tailed Skuas off North Uist in 1991. *Scottish Birds* 16: 85-89.
- Davenport, D.L. 1992. The spring passage of Long-tailed and Pomarine Skuas in Britain and Ireland. *Birding World* 5: 92-95.
- Dennis, R. 1984. *Birds of Badenoch and Strathspey*. Roy Dennis Enterprises, North Kessock.
- Dunn, P.J. & Hirschfeld, E. 1991. Long-tailed Skuas in Britain and Ireland in autumn 1988. *British Birds* 84: 121-136.
- Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.

- Griffin, M. & McInerny, C.J. 2001. Skua watching at Hound Point, Lothian. *Birding Scotland* 4: 2-7.
- Harvie-Brown, J.A. 1903a. On the avifauna of the Outer Hebrides, 1888-1902 (continued). *Annals of Scottish Natural History* 1903: 7-22.
- Innes, M. 1993. The movement of skuas off Peterhead, Grampian. *North-East Scotland Bird Report* 1992: 10-14.
- Løppenthin, B. 1943. Systematic and biologic notes on the Long-tailed Skua *Stercorarius longicaudus* Vieill. *Meddelelser om Grønland* 131 (12): 1-26.
- Macdonald, D. 1956. Long-tailed Skua in south-east Sutherland. *Scottish Naturalist* 1956: 116-117.
- Macpherson, H.A. 1892. Buffon's Skua (*Stercorarius parasiticus*, L.) in the Scottish Solway area. *Annals of Scottish Natural History* 1892: 74.
- Maguire, E. 2005b. Occurrence of Long-tailed Skua off W and NW Scotland & Northern Ireland during autumn 2004. *Machrihanish Seabird & Wildlife Observatory Report* 2002-2004: 18.
- McGarry, O. & Speak, P.W. 1992. Long-tailed Skua passage, autumn 1991. *Lothian Bird Report* 1991: 113-115.
- McInerny, C.J. 2004. Sea-watching at Chanonry Point, Highland. *Birding Scotland* 7: 49-55.
- McInerny, C.J. & Griffin, M. 2007. Autumn skua migration at Hound Point, Lothian. *Scottish Birds* In Press.
- McLeod, C.R. 2005. Barry Buddon - a major Scottish sand dune system. *Scottish Naturalist* 2005: 5-127.
- Oliver, D.W. 1975b. Long-tailed Skua in central Grampian. *Scottish Birds* 8: 383-385.
- Olsen, K.M. & Larsson, H. 1997. *Skuas and Jaegers*. Pica Press, Robertsbridge.
- Pollock, C.M., Mavor, R., Weir, C.R., Reid, A., White, R.W., Tasker, M.L., Webb, A. & Reid, J.B. 2000. *The distribution of seabirds and marine mammals in the Atlantic Frontier, north and west of Scotland*. Joint Nature Conservation Committee, Aberdeen.
- Ratcliffe, D.A. 1980. *The Peregrine Falcon*. T. & A.D. Poyser, Calton.
- Rintoul, L.J. & Baxter, E.V. 1935. *A Vertebrate Fauna of Forth*. Oliver & Boyd, Edinburgh & London.
- Saunders, H. 1892. Irregular visitors to the shores of the United Kingdom. *Ibis* 1892: 182-185.
- Service, R. 1892b. Buffon's Skua (*Stercorarius parasiticus*, L.) in the Solway district. *Annals of Scottish Natural History* 1892: 73-74.
- Wallace, D.I.M. & Bourne, W.R.P. 1981. Seabird movements along the east coast of England. *British Birds* 74: 417-426.
- Williamson, K. 1957c. Long-tailed Skua at Fair Isle. *Scottish Naturalist* 1957: 195-196.

217 Great Skua (60)

- Balfour, E. 1959a. Great Skua breeding in Orkney. *Scottish Birds* 1: 74-76.
- Baxter, E.V. 1955. Review of ornithological changes in Scotland in 1953. *Scottish Naturalist* 1955: 98-105.
- Bearhop, S., Phillips, R.A., Thompson, D.R., Waldron, S. & Furness, R.W. 2000. Variability in mercury concentrations of great skuas *Catharacta skua* the influence of colony, diet and trophic status inferred from stable isotope signatures. *Marine Ecology Progress Series* 195: 261-268.
- Bearhop, S., Thompson, D.R., Phillips, R.A., Waldron, S., Hamer, K.C., Gray, C.M., Votier, S.C., Ross, B.P. & Furness, R.W. 2001. Annual variation in great skua diets the importance of commercial fisheries and predation on seabirds revealed by combining dietary analyses. *Condor* 103: 802-809.
- Bernard, R. 1979. Great Skuas killing young Shelducks. *Scottish Birds* 10: 238-239.
- Blackburn, A.C. 1984. Storm Petrel attacking Great Skua. *Scottish Birds* 13: 26.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Booth, C.J. 1980a. Great Skuas hunting disabled prey. *Scottish Birds* 11: 119-120.
- Caldow, R.W.G. & Furness, R.W. 2000. The effect of food availability on the foraging behaviour of breeding great skuas *Catharacta skua* and arctic skuas *Stercorarius parasiticus*. *Journal of Avian Biology* 31: 367-375.
- Campbell, J.W. 1958a. Great Skua in north Perth. *Scottish Birds* 1: 15.
- Campbell, J.W. 1959b. Great Skua nesting in Outer Hebrides. *Scottish Birds* 1: 156-157.
- Catry, P., Phillips, R.A., Hamer, K.C., Ratcliffe, N.A. & Furness, R.W. 1998. The incidence of nonbreeding by adult great skuas and parasitic jaegers from Foula, Shetland. *Condor* 100: 448-455.
- Clarke, W.E. 1894a. The persecution of the Great Skua - *Stercorarius catarrhactes*. *Annals of Scottish Natural History* 1894: 8-12.
- Cramp, S., Bourne, W.R.P. & Saunders, D. 1974. *The Seabirds of Britain and Ireland*. Collins, London.
- Crane, J.E. 2005. *Relationships between fisheries, breeding and migration of the Great Skua Stercorarius skua*. Unpublished PhD thesis, University of Glasgow.
- Cunningham, W.A.J. 1959a. Great Skua nesting in Outer Hebrides. *Scottish Birds* 1: 124.
- Dott, H.E.M. 1967. Numbers of Great Skuas and other seabirds of Hermaness, Unst. *Scottish Birds* 4: 340-350.
- Easy, G.M.S. 1990. Skua migration over Cambridgeshire. *Cambridge Bird Club Report* 41: 41-42.
- Easy, G.M.S. 1993. An update on skua movements inland from the Wash. *Cambridge Bird Club Report* 67: 85-87.
- Everett, M.J. 1982. Breeding Great and Arctic Skuas in Scotland in 1974-75. *Seabird Report* 6: 50-58.
- Furness, R.W. 1977b. Great Skuas as predators of mammals. *Scottish Birds* 9: 319-321.
- Furness, R.W. 1978. Movements and mortality rates of Great Skuas ringed in Scotland. *Bird Study* 25: 229-238.
- Furness, R.W. 1987. *The Skuas*. T. & A.D. Poyser, Calton.
- Griffin, M. & McInerny, C.J. 2001. Skua watching at Hound Point, Lothian. *Birding Scotland* 4: 2-7.

- Hamer, K.C., Furness, R.W. & Caldow, R.W.G. 1991. The effects of changes in food availability on the breeding ecology of Great Skuas *Catharacta skua* in Shetland. *Journal of Zoology, London* 223: 175-188.
- Harvie-Brown, J.A. 1903a. On the avifauna of the Outer Hebrides, 1888-1902 (continued). *Annals of Scottish Natural History* 1903: 7-22.
- Heubeck, M. 1992. Great Skuas attacking a flock of moulting Eiders. *Scottish Birds* 16: 284-285.
- Holloway, J. 1993. Attacks by Great Skuas on an Eider and a Mute Swan. *Scottish Birds* 17: 69-70.
- Innes, M. 1993. The movement of skuas off Peterhead, Grampian. *North-East Scotland Bird Report* 1992: 10-14.
- Jackson, E.E. 1966. Birds of Foula. *Scottish Birds* 4: 1-60.
- Jourdain, F.C.R. 1918. The first nesting record of the Great Skua in the Orkneys. *British Birds* 12: 50-52.
- Jourdain, F.C.R. 1919. Further notes on the breeding of the Great Skua in the Orkneys. *British Birds* 12: 170-171.
- Kalmbach, E., Griffiths, R., Crane, J.E. & Furness, R.W. 2004. Effects of experimentally increased egg production on female body condition and laying dates in the great skua. *Journal of Avian Biology* 35: 501-514.
- Kinnear, P.K. 1977. Great Skuas killing mammals. *Scottish Birds* 9: 358.
- Klomp, N.I. & Furness, R.W. 1990. Variations in numbers of non breeding Great Skuas attending a colony. *Ornis Scandinavica* 21: 270-276.
- Klomp, N.I. & Furness, R.W. 1992. Non-breeders as a buffer against environmental stress: declines in numbers of great skuas on Foula, Shetland, and prediction of future recruitment. *Journal of Applied Ecology* 29: 341-348.
- Lawson, D.H. 1999. Grey Heron killed by Great Skua. *Scottish Birds* 20: 40-41.
- Lloyd, C.S., Tasker, M.L. & Partridge, K. 1991. *The Status of Seabirds in Britain and Ireland*. T. & A.D. Poyser, London.
- Lockie, J.D. 1952. The food of Great Skuas on Hermaness, Unst, Shetland. *Scottish Naturalist* 1952: 158-162.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- McInerny, C.J. 2004. Sea-watching at Chanonry Point, Highland. *Birding Scotland* 7: 49-55.
- McInerny, C.J. & Griffin, M. 2007. Autumn skua migration at Hound Point, Lothian. *Scottish Birds* In Press.
- Phillips, R.A., Catry, P., Thompson, D.R., Hamer, K.C. & Furness, R.W. 1997. Inter-colony variation in diet and reproductive performance of great skuas *Catharacta skua*. *Marine Ecology Progress Series* 152: 285-293.
- Pollock, C.M., Mavor, R., Weir, C.R., Reid, A., White, R.W., Tasker, M.L., Webb, A. & Reid, J.B. 2000. *The distribution of seabirds and marine mammals in the Atlantic Frontier, north and west of Scotland*. Joint Nature Conservation Committee, Aberdeen.
- Pollock, K. 1963. Great Skua breeding on St Kilda. *Scottish Birds* 2: 427.
- Raeburn, H. 1891a. The Great Skua (*Stercorarius catarrhactes*); its present status as a British bird. *Scottish Naturalist* 1891: 18-20.
- Ratcliffe, N., Catry, P., Hamer, K.C., Klomp, N.I. & Furness, R.W. 2002. The effect of age and year on the survival of breeding adult Great Skuas *Catharacta skua* in Shetland. *Ibis* 144: 384-392.
- Ratcliffe, N., Furness, R.W. & Hamer, K.C. 1998a. The interactive effects of age and food supply on the breeding ecology of great skuas. *Journal of Animal Ecology* 67: 853-862.
- Rennie, F.W. 1988. The status and distribution of the Great Skua in the Western Isles. *Scottish Birds* 15: 80-82.
- Steele, R.D. 1987. Large movement of skuas off Rattray Head. *North-East Scotland Bird Report* 1986: 50.
- Tewnion, A. 1958. Great Skua breeding on Papa Westray, Orkney. *Scottish Birds* 1: 14-15.
- Thompson, D.R., Hamer, K.C. & Furness, R.W. 1991. Mercury accumulation in great skuas *Catharacta skua* of known age and sex, and its effects upon breeding and survival. *Journal of Applied Ecology* 28: 672-684.
- Thompson, D.R., Hamer, K.C. & Phillips, R.A. 1998. Fish prey in the diet of Great Skuas at St Kilda. *Scottish Birds* 19: 160-165.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
- Votier, S.C., Bearhop, S., MacCormick, A., Ratcliffe, N.R. & Furness, R.W. 2003b. Assessing the diet of great skuas, *Catharacta skua*, using five different techniques. *Polar Biology* 26: 20-26.
- Votier, S.C., Bearhop, S., Ratcliffe, N. & Furness, R.W. 2001. Pellets as indicators of diet in Great Skuas *Catharacta skua*. *Bird Study* 48: 373-376.
- Votier, S.C., Bearhop, S., Ratcliffe, N. & Furness, R.W. 2004b. Reproductive consequences for great skuas specializing as seabird predators. *Condor* 106: 275-287.
- Votier, S.C., Furness, R.W., Bearhop, S., Crane, J.E., Caldow, R.W.G., Catry, P., Ensor, K., Hamer, K.C., Hudson, A.V., Kalmbach, E., Klomp, N.I., Pfeiffer, S., Phillips, R.A., Prieto, I. & Thompson, D.R. 2004c. Changes in fisheries discard rates and seabird communities. *Nature* 427: 727-730.
- Wallace, D.I.M. & Bourne, W.R.P. 1981. Seabird movements along the east coast of England. *British Birds* 74: 417-426.
- Waterston, G. 1965. Great Skua breeding in north-west Highlands. *Scottish Birds* 3: 313.

218 Mediterranean Gull (12)

- Baxter, E.V. 1959. Review of ornithological changes in Scotland in 1958. *Scottish Birds* 1: 117-120.
- Bos, J. 2004b. Colour-ringed Mediterranean Gulls in Lothian. *Lothian Bird Report* 2003: 98-102.
- Bos, J. 2005. Colour-ringed Mediterranean Gulls in Scotland. *Birding Scotland* 8: 49-56.
- Davis, P. 1958b. Mediterranean Gulls at Fair Isle, a new bird for Scotland. *Fair Isle Bird Observatory Bulletin* 4: 3-5.

- Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
- Ellis, P.M. & Shaw, K.D. 1998. Juvenile Mediterranean Gull at Methil, Fife, 12th August-late September 1997. *Birding Scotland* 1: 28-29.
- Fotheringham, D. 1998. Mediterranean Gulls [in Fife]. *Fife Bird Report* 1997: 59-61.
- Maguire, E. 2005c. More Mediterranean Gulls in SW Kintyre 2003 & 2004. *Machrihanish Seabird & Wildlife Observatory Report* 2002-2004: 19-20.
- Murray, A. & Shaw, K.D. 1998. Mediterranean Gulls in Scotland. *Birding Scotland* 1: 81-84.
- Olsen, K.M. & Larsson, H. 2003. *Gulls of Europe, Asia and North America*. Christopher Helm, London.
- Phillips, I.M. 1998b. Mediterranean Gulls in Scotland a brief review. *Birding Scotland* 1: 29.
- Sweeney, J.J. 1981b. Mediterranean Gull holding territory. *Scottish Birds* 11: 264-265.

219 Laughing Gull (9)

- Bould, P. & Hickman, B. 1993. Laughing Gull at Musselburgh. *Lothian Bird Report* 1992: 112-113.
- Bramhall, R. 2005. Laughing Gull, Carnoustie Bay, Angus, 5th-8th January 2005. *Birding Scotland* 8: 39-41.
- Leitch, A. 2003. Laughing Gull at Loch of Kinnordy, Angus, 26th April 2003. *Birding Scotland* 6: 134.
- Leitch, A.J. 2004. Laughing Gull: Cairnleith Farm near Loch of Kinnordy 26th April 2003. *Angus & Dundee Bird Report* 2003: 65.
- Mitchell, J. 1980b. Laughing Gull on Loch Lomondside in 1968 – a first record for Scotland. *West Dunbartonshire Naturalist Report* 5: 39.
- Olsen, K.M. & Larsson, H. 2003. *Gulls of Europe, Asia and North America*. Christopher Helm, London.
- Rogers, M.J. & the Rarities Committee. 1979. Report on rare birds in Great Britain in 1978. *British Birds* 72: 503-549.
- Sibley, D. 2000. *The North American Bird Guide*. Pica Press, Robertsbridge.
- Verrall, K. 1977b. Laughing Gull in Argyllshire. *Scottish Birds* 9: 381-382.

220 Franklin's Gull (5)

- Bearhop, S., McInerny, C.J. & Votier, S.C. 2004. Vagrants on Foula in early June 2004. *Birding Scotland* 7: 97-101.
- Clugston, D.L. 1983. Franklin's Gull in Ayrshire. *Scottish Birds* 12: 258-259.
- Gillon, K. 1993. First-summer Franklin's Gull at Musselburgh. *Lothian Bird Report* 1992: 113-114.
- Olsen, K.M. & Larsson, H. 2003. *Gulls of Europe, Asia and North America*. Christopher Helm, London.
- Sibley, D. 2000. *The North American Bird Guide*. Pica Press, Robertsbridge.

221 Little Gull (24)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Anon. 1953. Little Gull in Angus. *Scottish Naturalist* 1953: 129-130.
- Anon. 2002. Bird news October 2002. *Birding World* 15: 398-415.
- Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
- Dunn, P.J. & Lassey, P.A. 1985. Little Gulls in Yorkshire. *Naturalist* 110: 91-98.
- Green, S.R. 2003a. The status and occurrence of Little Gulls in Angus. *Birding Scotland* 6: 118-119.
- Grierson, J. 1961. Little Gulls in Angus and Fife. *Scottish Birds* 1: 362-367.
- Hartley, C. 2004. Little Gulls at sea off Yorkshire in autumn 2003. *British Birds* 97: 448-455.
- Harvie-Brown, J.A. 1883b. On the occurrence of the Little Gull (*Larus minutus*) in the island of North Uist; with remarks on the Objects of the International Ornithologists' Congress at Vienna, and on Uniformity of Method in recording Rare Species. *Proceedings of the Royal Physical Society of Edinburgh* 8: 105-112.
- Hunter, D.G. 1925. The Little Gull in Forfarshire. *Scottish Naturalist* 1925: 23.
- Hutchinson, C.D. & Neath, B. 1978. Little Gulls in Britain and Ireland. *British Birds* 71: 563-582.
- Jonsson, L. 1992. *Birds of Europe*. Christopher Helm, London.
- MacKinnon, J. & Phillipps, K. 2000. *A Field Guide to the Birds of China*. Oxford University Press, Oxford.
- Macpherson, H.A. 1899a. A note upon the changes of plumage of the Little Gull (*Larus minutus*). *Annals of Scottish Natural History* 1899: 16-22.
- Ogilvie, M. & the Rare Breeding Birds Panel. 1994. Rare breeding birds in the United Kingdom in 1991. *British Birds* 87: 366-393.
- Olsen, K.M. & Larsson, H. 2003. *Gulls of Europe, Asia and North America*. Christopher Helm, London.
- Scott, C. 2004a. Little Gulls in Lothian, autumn 2002. *Lothian Bird Report* 2002: 115-117.
- Scott, C. & Sykes, J. 2003. Little Gulls in the Firth of Forth, autumn 2002. *Birding Scotland* 6: 18-21.
- Sharrock, J.T.R. & the Rare Breeding Birds Panel. 1978. Rare breeding birds in the United Kingdom in 1976. *British Birds* 71: 11-33.
- Sibley, D. 2000. *The North American Bird Guide*. Pica Press, Robertsbridge.
- Smout, A.-M. 1986. *The Birds of Fife: an outline of their status and distribution*. John Donald, Edinburgh.
- Spencer, R. & the Rare Breeding Birds Panel. 1990. Rare breeding birds in the United Kingdom in 1988. *British Birds* 83: 353-390.

- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
 Vittery, A. 2001. Little Gulls feeding in association with auks. *Scottish Birds* 22: 107-108.

222 Sabine's Gull (29)

- Alström, P. 1984. Sabine's Gulls in winter in Sweden. *British Birds* 77: 122.
 Baxter, E.V. & Rintoul, L.J. 1926. Report on Scottish ornithology in 1925. *Scottish Naturalist* 1926: 69-84, 99-126.
 Baxter, E.V. & Rintoul, L.J. 1928a. *The Geographical Distribution and Status of Birds in Scotland*. Oliver & Boyd, Edinburgh & London.
 Bidwell, E. 1884. On the occurrence of Sabine's Gull (*Xema Sabini*, Sabine) in adult plumage in the Isle of Mull. *Proceedings of the Royal Physical Society of Edinburgh* 8: 131-135.
 Bisshopp, C.H. 1904. Sabine's Gull on the Argyllshire coast. *Annals of Scottish Natural History* 1904: 57.
 Bolam, G. 1896a. A list of the birds of Berwick-on-Tweed, with special reference to "The Birds of Berwickshire", and notices of the occurrence of some of the rarer species in the adjoining districts. *Annals of Scottish Natural History* 1896: 76-93.
 Dale, J.E. & Clugston, D.L. 1973. Sabine's Gulls in Ayrshire and Fife. *Scottish Birds* 7: 314-315.
 Dunn, J. 1983. Sabine's Gulls in Britain in winter. *British Birds* 76: 91.
 Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
 Evans, W. 1896c. An adult Sabine's Gull (*Xema sabini*) in Aberlady Bay, Firth of Forth. *Annals of Scottish Natural History* 1896: 257-258.
 Evans, W. 1908a. Sabine's Gull in the Firth of Forth. *Annals of Scottish Natural History* 1908: 53.
 Grant, P.J. 1987. Sabine's Gulls in winter. *British Birds* 80: 75-77.
 Gray, R. 1879. Ornithological notes. *History of the Berwickshire Naturalists' Club* 8: 353-355.
 Hamilton, D. & Nash, J.K. 1925. Rare gulls in west Lothian. *Scottish Naturalist* 1925: 22-23.
 Harvie-Brown, J.A. & Buckley, T.E. 1887. *A Vertebrate Fauna of Sutherland, Caithness and West Cromarty*. David Douglas, Edinburgh.
 Harvie-Brown, J.A. & Buckley, T.E. 1892. *A Vertebrate Fauna of Argyll and the Inner Hebrides*. David Douglas, Edinburgh.
 Hume, R.A. 1970. Sabine's Gull in Ross-shire. *Scottish Birds* 6: 43-44.
 Hume, R.A. 1984. Winter Sabine's Gulls. *British Birds* 77: 326.
 Hume, R.A. & Christie, D.A. 1989. Sabine's Gulls and other sea-birds after the October 1987 storm. *British Birds* 82: 191-208.
 Maguire, E. 2005d. Sabine's Gull off W and NW Scotland & Northern Ireland during autumn 2004. *Machrihanish Seabird & Wildlife Observatory Report* 2002-2004: 21.
 Murray, R.D. 1999b. Sabine's Gull in Scotland: a short review. *Scottish Bird Report* 1997: 82-86.
 Olsen, K.M. & Larsson, H. 2003. *Gulls of Europe, Asia and North America*. Christopher Helm, London.
 Paterson, J. 1898a. Sabine's Gull in Arran. *Annals of Scottish Natural History* 1898: 52-53.
 Sabine, J. 1819. XXXII. An account of a new species of gull lately discovered on the west coast of Greenland. *Transactions of the Linnean Society of London* 12: 520-523.
 Saxby, H.L. 1874. *The Birds of Shetland*. Maclachlan & Stewart, Edinburgh.
 Sharrock, J.T.R. 1974. *Scarce Migrant Birds in Britain and Ireland*. T. & A.D. Poyser, Berkhamsted.
 Simpson, J.G. 1994. Sabine's Gull at Fannyside Loch. *Clyde Birds* 5: 71.
 Smith, J.A. 1877. Ornithological notes. (4) *Larus Sabini*, Sabine's Gull (exhibited). *Proceedings of the Royal Physical Society of Edinburgh* 4: 207-208.
 Tulloch, J.S. 1909. An adult Sabine's Gull at Lerwick, Shetland. *Annals of Scottish Natural History* 1909: 248.

223 Bonaparte's Gull (11)

- British Ornithologists' Union (BOU). 2005. British Ornithologists' Union Records Committee: 31st Report (October 2004). *Ibis* 147: 246-250.
 Dean, J.M., Downing, B.D. & Lambert, R.A. 1998. Bonaparte's Gull at Cambo Sands, Kingsbarns, Fife. *Birding Scotland* 1: 30-31.
 Hickman, B. 1999. Bonaparte's Gull at Musselburgh. *Lothian Bird Report* 1998: 124.
 Leith, G.H. 1851. Occurrence of Bonaparte's Gull (*Larus Bonaparti*) in Scotland. *Zoologist* 9: 3117-3118.
 Mackenzie-Grieve, C.J. & Byrne, R.W. 1974. Bonaparte's Gull in Sutherland. *Scottish Birds* 8: 76-77.
 Oliver, D.W. 1973. Bonaparte's Gull in Fife. *Scottish Birds* 7: 258-259.
 Parkin, D.T. & Parkin, P. 1968. Bonaparte's Gull in Sutherland. *Scottish Birds* 5: 175.
 Rogers, M.J. & the Rarities Committee. 2005. Report on rare birds in Great Britain in 2004. *British Birds* 98: 628-694.
 Sibley, D. 2000. *The North American Bird Guide*. Pica Press, Robertsbridge.
 Venables, L.S.V. & Venables, U.M. 1955. *The Birds and Mammals of Shetland*. Oliver & Boyd, Edinburgh.
 Yarrell, W. 1882-84. *A History of British Birds*. Volume 3. 4th Edition. Van Voorst, London. Revised and enlarged by H. Saunders.

224 Black-headed Gull (28)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Bos, J. 2004a. The origin of Black-headed Gulls wintering in Edinburgh. *Lothian Bird Bulletin* 2004 (1): 5-6.
- Bowes, A., Lack, P.C. & Fletcher, M.R. 1984. Wintering gulls in Britain, January 1983. *Bird Study* 31: 161-170.
- Brown, A.W. & Brown, L.M. 1982b. Black-headed Gull breeding census 1981 - the Pentland Hills and the Lothians. *Lothian Bird Report* 1981: 54-55.
- Brown, A.W. & Brown, L.M. 1984d. Mink in a Black-headed Gull colony in the Pentlands. *Scottish Birds* 13: 89.
- Burton, N.H.K., Musgrove, A.J., Rehfisch, M.M., Sutcliffe, A. & Waters, R. 2003. Numbers of wintering gulls in the United Kingdom, Channel Islands and Isle of Man: a review of the 1993 and previous Winter Gull Roost Surveys. *British Birds* 96: 376-401.
- Craik, J.C.A. 1997b. Long-term effects of North American Mink *Mustela vison* on seabirds in western Scotland. *Bird Study* 44: 303-309.
- Craik, J.C.A. 1998. Recent mink-related declines of gulls and terns in west Scotland and the beneficial effects of mink control. *Argyll Bird Report* 14: 98-110.
- Cramp, S., Bourne, W.R.P. & Saunders, D. 1974. *The Seabirds of Britain and Ireland*. Collins, London.
- Cuthbertson, A. 1922. Breeding-stations of the Black-headed Gull in Dumbartonshire. *Scottish Naturalist* 1922: 143-145.
- Dennis, R. 1984. *Birds of Badenoch and Strathspey*. Roy Dennis Enterprises, North Kessock.
- Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
- Eggeling, W.J. 1974. The birds of the Isle of May - a revised assessment of status. *Scottish Birds* 8 (supplement): 93-148.
- Evans, W. 1920. Breeding colonies of the Black-headed Gull in the Forth area. *Scottish Naturalist* 1920: 71-83.
- Flegg, J.J.M. & Cox, C.J. 1972. Movements of Black-headed Gulls from colonies in England and Wales. *Bird Study* 19: 228-240.
- Grierson, J. 1962. A check-list of the birds of Tentsmuir, Fife. *Scottish Birds* 2: 113-164.
- Hamilton, F.D. 1962. Census of Black-headed Gull colonies in Scotland, 1958. *Bird Study* 9: 72-80.
- Hollom, P.A.D. 1940. Report on the 1938 survey of Black-headed Gull colonies. *British Birds* 33: 202-221, 230-244.
- Horton, N., Brough, T., Fletcher, M.R., Rochard, J.B.A. & Stanley, P.I. 1984. The winter distribution of foreign Black-headed Gulls in the British Isles. *Bird Study* 31: 171-186.
- Innes, M.I. 1994. The movement of gulls and terns off Peterhead, Grampian. *North-East Scotland Bird Report* 1993: 66-79.
- Jardine, D.C., How, J., Clarke, J. & Clarke, P.M. 2002. Seabirds on Colonsay and Oronsay, Inner Hebrides. *Scottish Birds* 23: 1-9.
- Lloyd, C.S., Tasker, M.L. & Partridge, K. 1991. *The Status of Seabirds in Britain and Ireland*. T. & A.D. Poyser, London.
- Merrie, D. 1980. Systematic list. *North Sea Bird Club Report* 1979-80: 7-40.
- Mitchell, J. 1980a. The Black-headed Gull - its rise and decline as a breeding species on Loch Lomondside and neighbouring areas. *Loch Lomond Bird Report* 8: 15-19.
- Olsen, K.M. & Larsson, H. 2003. *Gulls of Europe, Asia and North America*. Christopher Helm, London.
- Parkinson, D. 2005. Scottish Borders Coot Survey. *Scottish Bird News* 75: 10-11.
- Sibley, D. 2000. *The North American Bird Guide*. Pica Press, Robertsbridge.

225 Ring-billed Gull (8)

- Dillon, I. 2002. Do you still need - Ring-billed Gull? *Birding Scotland* 5: 3-4.
- Elkins, N. 2005. Ring-billed Gull passage in spring. *Birding Scotland* 8: 75-76.
- Hogg, R.H. 1979. Ring-billed Gull in Aberdeenshire. *Scottish Birds* 10: 275-276.
- Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.
- Olsen, K.M. & Larsson, H. 2003. *Gulls of Europe, Asia and North America*. Christopher Helm, London.
- Sibley, D. 2000. *The North American Bird Guide*. Pica Press, Robertsbridge.
- Stevenson, A. 2004c. Ring-billed Gulls - a spring passage in the Outer Hebrides. *Birding Scotland* 7: 87-88.
- Viniccombe, K.E. 1985. Ring-billed Gulls in Britain and Ireland. *British Birds* 78: 327-337.

226 Mew (Common) Gull (40)

- Anon. 1962. Current notes. *Scottish Birds* 2: 253-266.
- Bourne, W.R.P. 1963. *Bird migration in Scotland studied by radar*. Unpublished PhD thesis, University of Oxford.
- Bourne, W.R.P., Dixon, T.J. & Swann, R.L. 1974. Gulls breeding inland in Aberdeenshire. *Scottish Birds* 8: 73-76.
- Bourne, W.R.P. & Patterson, I.J. 1962. The spring departure of Common Gull *Larus canus* from Scotland. *Scottish Birds* 2: 3-17.

- Bourne, W.R.P., Smith, A.J.M. & Dowse, A. 1978. Gulls and terns nesting inland in northeast Scotland. *Scottish Birds* 10: 50-53.
- Bowes, A., Lack, P.C. & Fletcher, M.R. 1984. Wintering gulls in Britain, January 1983. *Bird Study* 31: 161-170.
- Burton, N.H.K., Musgrove, A.J., Rehfisch, M.M., Sutcliffe, A. & Waters, R. 2003. Numbers of wintering gulls in the United Kingdom, Channel Islands and Isle of Man: a review of the 1993 and previous Winter Gull Roost Surveys. *British Birds* 96: 376-401.
- Craik, J.C.A. 1997a. Aspects of the biology of the Common Gull *Larus canus* from remains left by predators. *Ringing & Migration* 18: 84-90.
- Craik, J.C.A. 1997b. Long-term effects of North American Mink *Mustela vison* on seabirds in western Scotland. *Bird Study* 44: 303-309.
- Craik, J.C.A. 1998. Recent mink-related declines of gulls and terns in west Scotland and the beneficial effects of mink control. *Argyll Bird Report* 14: 98-110.
- Craik, J.C.A. 1999. Breeding success of Common Gulls *Larus canus* in West Scotland: I Observations at a single colony. *Atlantic Seabirds* 1: 169-181.
- Craik, J.C.A. 2000a. A simple and rapid method of estimating gull productivity. *Bird Study* 47: 113-116.
- Craik, J.C.A. 2000b. Breeding success of Common Gulls *Larus canus* in west Scotland II. Comparisons between colonies. *Atlantic Seabirds* 2: 1-12.
- Craik, J.C.A. & Campbell, B. 2000. Bruce Campbell's islands revisited: changes in the seabirds of Loch Sunart after half a century. *Atlantic Seabirds* 2: 181-194.
- Cramp, S., Bourne, W.R.P. & Saunders, D. 1974. *The Seabirds of Britain and Ireland*. Collins, London.
- Douse, A.E.G. 1981. *The use of agricultural land by Common Gulls Larus canus L. wintering in North-east Scotland*. Unpublished PhD thesis, University of Aberdeen.
- Evans, P.G.H. 1984. Status and conservation of seabirds in northwest Europe. In: Croxall, J.P., Evans, P.G.H. & Shreiber, R.W. (eds) *Status and Conservation of the World's Seabirds*. International Council for Bird Preservation, Cambridge.
- Kumari, E. 1976. The increase in numbers of the Common Gull *Larus canus* and its colonisation of Estonia peat-bogs in recent decades. *Ornis Fennica* 53: 33-39.
- Lloyd, C.S., Tasker, M.L. & Partridge, K. 1991. *The Status of Seabirds in Britain and Ireland*. T. & A.D. Poyser, London.
- Macmillan, A.T. 1967b. Current notes. *Scottish Birds* 4: 558-580.
- Mitchell, J. 1978a. Birdwatching on Loch Lomondside. *Scottish Birds* 10: 17-21.
- Mitchell, P.I. & Thompson, K.R. 1998. *Survey of Breeding Common Gulls Larus canus in the Mortlach and Correen Hills, Grampian*, 1998. Report to SNH, Aberdeen. JNCC.
- Mitchell, P.I. & Thompson, K.R. 1999. Common Gulls breeding in the Mortlach Hills. *Birds in Moray & Nairn* 1998: 92-93.
- Olsen, K.M. & Larsson, H. 2003. *Gulls of Europe, Asia and North America*. Christopher Helm, London.
- Osborn, K. 1985. Possible 'Eastern' Common Gull on Fair Isle. *British Birds* 78: 454.
- Radford, M.C. 1960. Common Gull movements shown by ringing returns. *Bird Study* 7: 81-93.
- Sibley, D. 2000. *The North American Bird Guide*. Pica Press, Robertsbridge.
- Sim, G. 1903. *The Vertebrate Fauna of 'Dee'*. Wyllie, Aberdeen.
- Slater, P.J.B. 1966c. Current notes. *Scottish Birds* 4: 313-325.
- Slater, P.J.B. 1967a. Current notes. *Scottish Birds* 4: 379-393.
- Stewart, B.J. 1989. Roof- and ground-nesting Common Gulls in Aberdeen, 1988. *North-East Scotland Bird Report* 1988: 52-55.
- Sullivan, M.A. 1985. Common Gulls successfully nesting on a roof in Aberdeen. *Scottish Birds* 13: 229.
- Tasker, M.L., Jones, P.H., Blake, B.F., Dixon, T.J. & Wallis, A.W. 1986. Seabirds associated with oil production platforms in the North Sea. *Ringing & Migration* 7: 7-14.
- Tasker, M.L., Webb, A. & Matthews, J.M. 1991. A census of the large inland Common Gull colonies of Grampian. *Scottish Birds* 16: 106-112.
- Thom, V.M. 1968b. Common Gulls using man-made nest sites. *Scottish Birds* 5: 218.
- Vernon, J.D.R. 1969. Spring migration of the Common Gull in Britain and Ireland. *Bird Study* 16: 101-107.
- Watson, A. 1998. Inland Common Gull colonies in north east Scotland. *Scottish Birds* 19: 244.
- Watt, H.B. 1903b. Common Gull breeding at high levels. *Annals of Scottish Natural History* 1903: 246.
- Whilde, A. 1984. Some aspects of the ecology of a colony of Common Gulls. *Irish Birds* 2: 466-481.
- White, R., Walsh, P.M., Barton, C. & Thompson, K.R. 1996. *Survey of breeding Common Gulls in the Correen Hills and Mortlach Hills, Grampian 1995: summary report*. Unpublished report 224. JNCC, Aberdeen.

227 Lesser Black-backed Gull (38)

- Andrew, D.G. 1976. The Flanders Moss Lesser Black-backed Gullery. *Scottish Birds* 9: 72.
- Anon. 1964. Current notes. *Scottish Birds* 3: 141-150.
- Baker, R.R. 1980. The significance of the Lesser Black-backed Gull to models of bird migration. *Bird Study* 27: 41-50.
- Barnes, J.A.G. 1961. The winter status of the Lesser Black-backed Gull 1959-60. *Bird Study* 8: 127-147.

- Baxter, E.V. & Rintoul, L.J. 1933. Breeding of the British Lesser Black-backed Gull on the Isle of May. *Scottish Naturalist* 1933: 182.
- BirdLife Finland. 2004. Margus Ellermaa: Selkälokki vuosi toi uutta tietoa selkälokista. *Tiira* 2004 (3): 8-9.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Bourne, W.R.P., Dixon, T.J. & Swann, R.L. 1974. Gulls breeding inland in Aberdeenshire. *Scottish Birds* 8: 73-76.
- Bowes, A., Lack, P.C. & Fletcher, M.R. 1984. Wintering gulls in Britain, January 1983. *Bird Study* 31: 161-170.
- British Ornithologists' Union (BOU). 2005. British Ornithologists' Union Records Committee: 31st Report (October 2004). *Ibis* 147: 246-250.
- Brown, R.G.B. 1967. Species isolation between the Herring Gull *Larus argentatus* and Lesser Black-backed Gull *L. fuscus*. *Ibis* 109: 310-317.
- Buckingham, D.L. 1998. Variation and occurrence of *intermedius* Lesser Black-backed Gulls in Southern England. *British Birds* 91: 60-62.
- Burton, N.H.K., Musgrove, A.J., Rehfisch, M.M., Sutcliffe, A. & Waters, R. 2003. Numbers of wintering gulls in the United Kingdom, Channel Islands and Isle of Man: a review of the 1993 and previous Winter Gull Roost Surveys. *British Birds* 96: 376-401.
- Calladine, J. 1997. A comparison of Herring Gull *Larus argentatus* and Lesser Black-backed Gull *Larus fuscus* nest sites: their characteristics and relationships with breeding success. *Bird Study* 44: 318-326.
- Calladine, J. & Harris, M.P. 1997. Intermittent breeding in the Herring Gull *Larus argentatus* and the Lesser Black-backed Gull *Larus fuscus*. *Ibis* 139: 259-263.
- Clugston, D.L., Forrester, R.W., McGowan, R.Y., Zonfrillo, B. on behalf of the Scottish Birds Records Committee. 2001. The Scottish List - species and subspecies. *Scottish Birds* 22: 33-49.
- Cramp, S., Bourne, W.R.P. & Saunders, D. 1974. *The Seabirds of Britain and Ireland*. Collins, London.
- Dott, H.E.M. 1994c. The spread of roof-nesting gulls in Lothian regions to 1993. *Lothian Bird Report* 1993: 110-114.
- Dott, H.E.M. 1996. Roof-nesting gulls in Lothian, 1994. *Lothian Bird Report* 1994: 113-115.
- Duncan, N. 1981. The Lesser Black-backed Gull on the Isle of May. *Scottish Birds* 11: 180-188.
- Forrester, R.W. on behalf of the Scottish Birds Records Committee. 2003. Amendments to Scottish List - species and subspecies. *Scottish Bird Report* 2000: 5-9.
- Gibbins, C. 2004. Is it possible to identify Baltic and Heuglin's Gulls? *Birding Scotland* 7: 154-186.
- Holling, M. 1991. Roof nesting gulls in Lothian. *Lothian Bird Report* 1990: 99-100.
- Johnsson, L. 1998. Baltic Lesser-backed Gull *Larus fuscus fuscus* - moult, ageing and identification. *Birding World* 11: 295-317.
- Kim, S.-Y. & Monaghan, P. 2005. Interacting effects of nest shelter and breeder quality on the behaviour and breeding performance of herring gulls. *Animal Behaviour* 69: 301-306.
- Lloyd, C.S., Tasker, M.L. & Partridge, K. 1991. *The Status of Seabirds in Britain and Ireland*. T. & A.D. Poyser, London.
- Macmillan, A.T. 1974. Gulls breeding inland in Stirlingshire. *Scottish Birds* 8: 281.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- McInerny, C.J., Sweeney, J.J. & Votier, S.C. 2002. Winter gull watching in the Glasgow area. *Birding Scotland* 5: 71-87.
- Monaghan, P. & Coulson, J.C. 1977. The status of large gulls nesting on buildings. *Bird Study* 24: 89-104.
- Olsen, K.M. & Larsson, H. 2003. *Gulls of Europe, Asia and North America*. Christopher Helm, London.
- Raven, S.J. & Coulson, J.C. 1997. The distribution and abundance of *Larus* gulls nesting on buildings in Britain and Ireland. *Bird Study* 44: 13-34.
- Rintoul, L.J. & Baxter, E.V. 1923. Scandinavian Lesser Black-backed Gull on spring passage at the Isle of May. *Scottish Naturalist* 1923: 134.
- Rintoul, L.J. & Baxter, E.V. 1935. *A Vertebrate Fauna of Forth*. Oliver & Boyd, Edinburgh & London.
- Sandeman, G.L. & Andrew, D.G. 1951. Inland breeding of Herring Gull. *Scottish Naturalist* 1951: 196.
- Sandeman, P.W. 1982. Inland colonies of Lesser Black-backed Gull. *Scottish Birds* 12: 119-120.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
- Wynne-Edwards, V.C. 1951. Lesser Black-backed Gull nesting in Aberdeenshire. *Scottish Naturalist* 63: 198-199.

228 Yellow-legged Gull (10)

- Brown, A. & Grice, P. 2005. *Birds in England*. T. & A.D. Poyser, London.
- Clarke, W.E. & Stenhouse, J.H. 1921. The Eastern Lesser Whitethroat, an addition to the British avifauna; and the Yellow-legged Herring Gull, a new record for Scotland, at Fair Isle. *Scottish Naturalist* 1921: 179-180.
- Forrester, R.W. 1995. Yellow-legged Gulls in Scotland. *Scottish Birds* 18: 95-100.
- Harvey, P.V. 2002. Yellow-legged Gull at Burravoe: first Shetland record. *Shetland Bird Report* 2001: 93-94.
- Macdonald, M.A. 1969b. Probable Scandinavian Herring Gull at Aberdeen. *Scottish Birds* 5: 389.
- McInerny, C.J., Sweeney, J.J. & Votier, S.C. 2002. Winter gull watching in the Glasgow area. *Birding Scotland* 5: 71-87.
- Olsen, K.M. & Larsson, H. 2003. *Gulls of Europe, Asia and North America*. Christopher Helm, London.
- Sangster, G., Collinson, J.M., Helbig, A.J., Knox, A.G. & Parkin, D.T. 2005. Taxonomic recommendations for British

- birds: third report. *Ibis* 147: 821-826.
- Sweeney, J.J. 2000. Identification of a sub-adult Western Yellow-legged Gull in Glasgow - some problems explored. *Birding Scotland* 3: 172-178.
- Tewnion, A. 1957. A yellow-legged Herring-Gull in Shetland. *Scottish Naturalist* 1957: 55-56.

229 Herring Gull (30)

- Anon. 1952c. The sea-birds of Inch Moan, Loch Lomond; inland breeding of the Herring and Great Black-backed Gulls. *Scottish Naturalist* 1952: 179-180.
- Benton, C., Khan, F., Monaghan, P., Richards, W.N. & Shedden, C.B. 1983. The contamination of a major water supply by gulls (*Larus* spp) - a study of the problem and remedial action taken. *Water Research* 17: 789-798.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Bourne, W.R.P. 1979. Herring Gulls nesting on buildings in eastern Scotland. *North-East Scotland Bird Report* 1978: 55-56.
- Bourne, W.R.P., Dixon, T.J. & Swann, R.L. 1974. Gulls breeding inland in Aberdeenshire. *Scottish Birds* 8: 73-76.
- Burton, N.H.K., Musgrove, A.J., Rehfisch, M.M., Sutcliffe, A. & Waters, R. 2003. Numbers of wintering gulls in the United Kingdom, Channel Islands and Isle of Man: a review of the 1993 and previous Winter Gull Roost Surveys. *British Birds* 96: 376-401.
- Calladine, J. & Harris, M.P. 1997. Intermittent breeding in the Herring Gull *Larus argentatus* and the Lesser Black-backed Gull *Larus fuscus*. *Ibis* 139: 259-263.
- Coulson, J.C., Duncan, N. & Thomas, C. 1982. Changes in the breeding biology of the herring gull (*Larus argentatus*) induced by reduction in the size and density of the colony. *Journal of Animal Ecology* 51: 739-756.
- Coulson, J.C., Monaghan, P., Butterfield, J.E.L., Duncan, N., Ensor, K., Shedden, C. & Thomas, C. 1984. Scandinavian Herring Gulls wintering in Britain. *Ornis Scandinavica* 15: 79-88.
- Cramp, S., Bourne, W.R.P. & Saunders, D. 1974. *The Seabirds of Britain and Ireland*. Collins, London.
- Dott, H.E.M. 1994c. The spread of roof-nesting gulls in Lothian regions to 1993. *Lothian Bird Report* 1993: 110-114.
- Dott, H.E.M. 1996. Roof-nesting gulls in Lothian, 1994. *Lothian Bird Report* 1994: 113-115.
- Duncan, W.N.M. & Monaghan, P. 1977. Infidelity to the natal colony by breeding Herring Gulls. *Ringing & Migration* 1: 166-172.
- Holling, M. 1991. Roof nesting gulls in Lothian. *Lothian Bird Report* 1990: 99-100.
- Kim, S.-Y. & Monaghan, P. 2006. Interspecific differences in foraging preferences, breeding performance and demography in herring (*Larus argentatus*) and lesser black-backed gulls (*L. fuscus*) at a mixed colony. *Journal of Zoology, London* 270: 664-671.
- Lloyd, C.S., Tasker, M.L. & Partridge, K. 1991. *The Status of Seabirds in Britain and Ireland*. T. & A.D. Poyser, London.
- Macdonald, J.W. & Standing, K.T. 1978. An outbreak of botulism in gulls on the Firth of Forth, Scotland. *Biological Conservation* 14: 149-155.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- McInerny, C.J., Sweeney, J.J. & Votier, S.C. 2002. Winter gull watching in the Glasgow area. *Birding Scotland* 5: 71-87.
- Meiklejohn, M.F.M. & Williamson, K. 1954. Siberian Herring-Gull in East Lothian. *Scottish Naturalist* 1954: 44-46.
- Monaghan, P. & Coulson, J.C. 1977. The status of large gulls nesting on buildings. *Bird Study* 24: 89-104.
- Monaghan, P., Coulson, J.C., Duncan, N., Furness, R.W., Shedden, C.B. & Thomas, C. 1983. The geographical variation of the Herring Gull *Larus argentatus* within Britain and Northern Europe; a biometrical approach. *Ibis* 125: 412-417.
- Monaghan, P., Shedden, C.B., Ensor, K., Fricker, C.R. & Girdwood, R.W.A. 1985. Salmonella carriage by herring gulls in the Clyde area of Scotland in relation to their feeding ecology. *Journal of Applied Ecology* 22: 669-680.
- Nogales, M., Zonfrillo, B. & Monaghan, P. 1995. Diets of adult and chick Herring gulls *Larus argentatus argenteus* on Ailsa Craig, south-west Scotland. *Seabird* 17: 56-63.
- Olsen, K.M. & Larsson, H. 2003. *Gulls of Europe, Asia and North America*. Christopher Helm, London.
- Parsons, J. & Duncan, N. 1978. Recoveries and dispersal of herring gulls from the Isle of May. *Journal of Animal Ecology* 47: 993-1005.
- Raven, S.J. & Coulson, J.C. 1997. The distribution and abundance of *Larus* gulls nesting on buildings in Britain and Ireland. *Bird Study* 44: 13-34.
- Sandeman, G.L. & Andrew, D.G. 1951. Inland breeding of Herring Gull. *Scottish Naturalist* 1951: 196.
- Spaans, A.L., Coulson, J.C., Migot, P., Monaghan, P., Pruter, J. & Vauk, G. 1991. Superabundance in gulls: causes, problems and solutions. *Acta XX Congressus Ornithologici* 4: 2365-2371.
- Whelan, C.D., Monaghan, P., Girdwood, R.W.A. & Fricker, C.R. 1988. The significance of wild birds (*Larus* sp) in the epidemiology of campylobacter infections in humans. *Epidemiology and Infection* 101: 259-267.

229A American Herring Gull (2)

- Sangster, G., Collinson, J.M., Helbig, A.J., Knox, A.G. & Parkin, D.T. 2007. Taxonomic recommendations for British

birds: fourth report. *Ibis* 149.
White, R.W. 1998b. North American Herring Gull in Scottish waters. *Birding Scotland* 1: 42-44.

230 Iceland Gull (17)

- American Ornithologists' Union (AOU). 1998. *The Check-list of North American Birds: the species of birds of North America from the Arctic through Panama, including the West Indies and the Hawaiian Islands*. 7th Edition. American Ornithologists' Union, Ithaca.
- Anon. 1990-2003. *Scottish Fisheries Statistics*. HMSO, Edinburgh.
- Baxter, E.V. 1932. Iceland Gull in Fife in summer. *Scottish Naturalist* 1932: 167.
- British Ornithologists' Union (BOU). 2006b. The British List: a checklist of birds of Britain (7th edition). *Ibis* 148: 526-563. Compiled by S.P. Dudley, M. Gee, C. Kehoe, T.M. Melling and the BOURC.
- Hamilton, D. & Nash, J.K. 1925. Rare gulls in west Lothian. *Scottish Naturalist* 1925: 22-23.
- Harrop, H.R. & Mellor, R. 1993. Kumlien's Gull in Shetland - the fourth Scottish record. *Scottish Birds* 17: 63-64.
- Harvie-Brown, J.A. 1873. On the occurrence of the Iceland Gull (*Larus leucopterus*) in the Estuary of the Forth, during the present winter, with notes on the habits of the species, from personal observation. *Proceedings of the Natural History Society of Glasgow* 2: 210-212.
- Harvie-Brown, J.A. 1903a. On the avifauna of the Outer Hebrides, 1888-1902 (continued). *Annals of Scottish Natural History* 1903: 7-22.
- McGowan, R.Y. & Kitchener, A.C. 2001. Historical and taxonomic review of the Iceland Gull *Larus glaucopterus* complex. *British Birds* 94: 191-195.
- McInerny, C.J., Sweeney, J.J. & Votier, S.C. 2002. Winter gull watching in the Glasgow area. *Birding Scotland* 5: 71-87.
- McInerny, C.J. & Votier, S.C. 2006. Clyde "white-winged" gulls in the winter of 2002. *Clyde Birds* 16: 135-137.
- Olsen, K.M. & Larsson, H. 2003. *Gulls of Europe, Asia and North America*. Christopher Helm, London.
- Prŷs-Jones, R. 2000. Provenance of the first British record of 'Kumlien's Gull'. *British Birds* 93: 278.
- Scott, M. 2004b. Kumlien's Gull - some thoughts on identification. *Birding Scotland* 7: 59-63.
- Sibley, D. 2000. *The North American Bird Guide*. Pica Press, Robertsbridge.
- Sutton, G.M. 1968. Evolution in some arctic gulls: an experimental study of isolating mechanisms. *Ornithological Monographs* 4. *Auk* 85: 142-145.
- Weir, D.N., McGowan, R.Y., Kitchener, A.C., McOrist, S., Zonfrillo, B. & Heubeck, M. 1995. Iceland Gulls from the 'Braer' disaster, Shetland 1993. *British Birds* 88: 15-25.

231 Glaucous Gull (16)

- Dean, A.R. 1984. Origins and distribution of British Glaucous Gulls. *British Birds* 77: 165-166.
- Edmondston, L. 1821. Account of a new species of *Larus*, shot in Zetland. *Memoirs of the Wernerian Natural History Society* 4: 176-181.
- Edmondston, L. 1822b. Additional account of the Iceland Gull. *Memoirs of the Wernerian Natural History Society* 4: 182-185.
- Edmondston, L. 1823. Notice of a specimen of the *Larus eburneus*, or Ivory Gull, shot in Zetland; and further remarks on the Iceland Gull. *Memoirs of the Wernerian Natural History Society* 4: 501-506.
- Gibson, J.A. 1957b. Glaucous Gulls inland in Renfrewshire. *Scottish Naturalist* 1957: 56.
- Grantham, M. & Okill, D. 2003. Shetland 'Polar Seagull' found in the Arctic Ocean. *Birding Scotland* 6: 124-125.
- Gray, R. 1873. On the sea-gulls at present frequenting the Estuary of the Forth. *Proceedings of the Natural History Society of Glasgow* 2: 198-208.
- Harvie-Brown, J.A. 1903a. On the avifauna of the Outer Hebrides, 1888-1902 (continued). *Annals of Scottish Natural History* 1903: 7-22.
- McInerny, C.J., Sweeney, J.J. & Votier, S.C. 2002. Winter gull watching in the Glasgow area. *Birding Scotland* 5: 71-87.
- Meiklejohn, M.F.M. & Palmar, C.E. 1953. Notes on birds in the Clyde area, 1951. *Scottish Naturalist* 1953: 1-4.
- Olsen, K.M. & Larsson, H. 2003. *Gulls of Europe, Asia and North America*. Christopher Helm, London.
- Rintoul, L.J. & Baxter, E.V. 1935. *A Vertebrate Fauna of Forth*. Oliver & Boyd, Edinburgh & London.
- Scott, C. 2006. A colour-ringed Glaucous Gull at Barns Ness, Lothian in May 2005. *Birding Scotland* 9: 52.
- Sibley, D. 2000. *The North American Bird Guide*. Pica Press, Robertsbridge.
- Smith, R.W.J. & Walker, C. 1955. Glaucous Gull in Midlothian. *Scottish Naturalist* 1955: 114.
- Sweeney, J.J. 1981a. Glaucous Gull with an unusually small bill. *British Birds* 74: 524.

232 Great Black-backed Gull (22)

- Annett, C. & Pierotti, R. 1989. Chick hatching as a trigger for dietary switching in the Western Gull. *Colonial Waterbirds* 12: 4-11.
- Anon. 1952c. The sea-birds of Inch Moan, Loch Lomond; inland breeding of the Herring and Great Black-backed

- Gulls. *Scottish Naturalist* 1952: 179-180.
- Baxter, E.V. 1958. Review of ornithological changes in Scotland in 1957. *Scottish Birds* 1: 30-33.
- Beaman, M.A.S. 1978. The feeding and population ecology of the Great Black-backed Gull in northern Scotland. *Ibis* 120: 126.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Bowes, A., Lack, P.C. & Fletcher, M.R. 1984. Wintering gulls in Britain, January 1983. *Bird Study* 31: 161-170.
- Burton, N.H.K., Musgrove, A.J., Rehfisch, M.M., Sutcliffe, A. & Waters, R. 2003. Numbers of wintering gulls in the United Kingdom, Channel Islands and Isle of Man: a review of the 1993 and previous Winter Gull Roost Surveys. *British Birds* 96: 376-401.
- Craik, J.C.A. & Campbell, B. 2000. Bruce Campbell's islands revisited: changes in the seabirds of Loch Sunart after half a century. *Atlantic Seabirds* 2: 181-194.
- Cramp, S., Bourne, W.R.P. & Saunders, D. 1974. *The Seabirds of Britain and Ireland*. Collins, London.
- Darling, F.F. 1939. *A Naturalist on Rona: essays of a biologist in isolation*. Clarendon Press, Oxford.
- Furness, R.W. 1981b. Seabird populations of Foula. *Scottish Birds* 11: 237-253.
- Halliday, K.C.R. 1977. Great Black-backed Gull killing Wigeon. *Scottish Birds* 9: 348.
- Harris, M.P. 1964. Aspects of the breeding biology of the gulls *Larus argentatus*, *L. fuscus* and *L. marinus*. *Ibis* 106: 432-456.
- Harris, M.P. 1965. The food of some *Larus* gulls. *Ibis* 107: 43-53.
- Harvie-Brown, J.A. & Buckley, T.E. 1892. *A Vertebrate Fauna of Argyll and the Inner Hebrides*. David Douglas, Edinburgh.
- Harvie-Brown, J.A. & Macpherson, H.A. 1904. *A Fauna of the North-west Highlands and Skye*. David Douglas, Edinburgh.
- Hudson, A.V. 1982b. Great Black-backed Gulls on Great Saltee Island, 1980. *Irish Birds* 2: 167-175.
- Lloyd, C.S., Tasker, M.L. & Partridge, K. 1991. *The Status of Seabirds in Britain and Ireland*. T. & A.D. Poyser, London.
- Sibley, D. 2000. *The North American Bird Guide*. Pica Press, Robertsbridge.
- Taylor, K. 1985. Great Black-backed Gull *Larus marinus* predation of seabird chicks on three Scottish Islands. *Seabird* 8: 45-52.
- Willcox, N.A., Richardson, M.G. & Dore, C.P. 1986. Breeding seabirds of Noss, Shetland. *Scottish Birds* 14: 25-32.
- Zonfrillo, B. 1997a. *The ecology of seabirds on Ailsa Craig, Firth of Clyde*. Unpublished PhD thesis, University of Glasgow.

233 Ross's Gull (18)

- British Ornithologists' Union (BOU). 2005. British Ornithologists' Union Records Committee: 31st Report (October 2004). *Ibis* 147: 246-250.
- Densley, M. 1977. Ross's Gulls in Britain. *Scottish Birds* 9: 334-342.
- Densley, M. 1979. Ross's Gulls in Alaska. *British Birds* 72: 23-28.
- Densley, M. 1991. Ross's Gull in Siberia. *Dutch Birding* 13: 168-175.
- Elkins, N. 1987. Origin of Arctic gulls in Britain and Ireland. *British Birds* 80: 635-637.
- Gray, M. 1998a. Ross's Gulls in Orkney, 1997. *Birding Scotland* 1: 89-90.
- Kay, G.T. 1942. Ross's Gull in Shetland. *British Birds* 35: 276.
- MacGillivray, W. 1824. Descriptions, characters, and synonyms of the different species of the Genus *Larus*, with critical and explanatory remarks. *Memoirs of the Wernerian Natural History Society* 5: 247-276.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- McNee, A.F. 2000. The Longman outflow and Inverness area. *Birding Scotland* 3: 18-20.
- Melling, T. on behalf of BOURC. 2005. The Tadcaster rarities. *British Birds* 98: 230-237.
- Meltofte, H., Edelstam, C., Granström, G., Hammar, J. & Hjort, C. 1981. Ross's Gulls in the Arctic pack ice. *British Birds* 74: 316-320.
- Olsen, K.M. & Larsson, H. 2003. *Gulls of Europe, Asia and North America*. Christopher Helm, London.
- Osborn, K. & Murray, A. 2000. Rarities - their status in Scotland. Number one: Ivory and Ross's Gulls. *Birding Scotland* 3: 42-44.
- Shaw, K.D. & Shaw, K.A. 1988. Ross's Gull at Girdle Ness 26-28 September 1987: a first record for North-east Scotland. *North-East Scotland Bird Report* 1987: 54-55.
- Sibley, D. 2000. *The North American Bird Guide*. Pica Press, Robertsbridge.
- Simpson, J.H. 1970a. Ross's Gull in Shetland. *Scottish Birds* 6: 174-175.
- Storie, N.L. 1973. Ross's Gull in Shetland. *Scottish Birds* 7: 315.

234 Black-legged Kittiwake (49)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Barker, A.W. 1979. Kittiwake with red legs. *Scottish Birds* 10: 180.
- British Ornithologists' Union (BOU). 1992a. *Checklist of Birds of Britain and Ireland*. 6th Edition. Helm Information

- Ltd, London.
- Campbell, J.W. 1958b. Kittiwakes in North Perth. *Scottish Birds* 1: 15-16.
- Coulson, J.C. 1963. The status of the Kittiwake in the British Isles. *Bird Study* 10: 147-179.
- Coulson, J.C. 1983. The changing status of the Kittiwake *Rissa tridactyla* in the British Isles, 1969-1979. *Bird Study* 30: 9-16.
- Coulson, J.C. & Thomas, C.S. 1985. Changes in the biology of the kittiwake *Rissa tridactyla*: a 31-year study of a breeding colony. *Journal of Animal Ecology* 54: 9-26.
- Craik, J.C.A. 1986. Exceptional mortality of auks, terns and Kittiwakes in the Loch Linnhe area of Argyll in July 1985. *Argyll Bird Report* 3: 95-99.
- Craik, J.C.A. 1992. Exceptional mortality of auks, terns and Kittiwakes *Rissa tridactyla* in west Scotland in July 1985. *Sula* 6: 125-138.
- Cramp, S., Bourne, W.R.P. & Saunders, D. 1974. *The Seabirds of Britain and Ireland*. Collins, London.
- Dennis, R. 1984. *Birds of Badenoch and Strathspey*. Roy Dennis Enterprises, North Kessock.
- Elkins, N. & Williams, M.R. 1972. Aspects of seabird movements off northeast Scotland. *Scottish Birds* 7: 66-75.
- Frederiksen, M., Wanless, S., Harris, M.P., Rothery, P. & Wilson, L.J. 2004b. The role of industrial fisheries and oceanographic change in the decline of North Sea black-legged kittiwakes. *Journal of Applied Ecology* 41: 1129-1139.
- Furness, B. 1979. The effects of Great Skua predation on the breeding biology of the Kittiwake on Foula, Shetland. *Scottish Birds* 10: 289-296.
- Griffin, M. & McInerny, C.J. 2001. Skua watching at Hound Point, Lothian. *Birding Scotland* 4: 2-7.
- Hamer, K.C., Monaghan, P., Uttley, J.D., Walton, P. & Burns, M.D. 1993. The influence of food supply on the breeding ecology of Kittiwakes *Rissa tridactyla* in Shetland. *Ibis* 135: 255-263.
- Harris, M.P. & Wanless, S. 1990b. Breeding success of British kittiwakes *Rissa tridactyla* in 1986-88: evidence for changing conditions in the northern North Sea. *Journal of Applied Ecology* 27: 172-187.
- Harrison, P. 1983. *Seabirds: an identification guide*. Croom Helm, Beckenham.
- Heubeck, M. 1986. The recent decline of the Kittiwake in Shetland. *Shetland Bird Report* 1985: 40-48.
- Heubeck, M. 2000. Population trends of Kittiwake *Rissa tridactyla*, Black Guillemot *Cephus grylle* and Common Guillemot *Uria aalge* in Shetland, 1978-98. *Atlantic Seabirds* 2: 227-244.
- Heubeck, M. 2002a. The decline of Shetland's Kittiwake population. *British Birds* 95: 118-122.
- Heubeck, M., Harvey, P.V. & Robertson, I.S. 1987. Chick production at Kittiwake *Rissa tridactyla* colonies in Shetland, 1986. *Seabird* 10: 34-42.
- Heubeck, M. & Mellor, R.M. 1994. Changes in breeding numbers of Kittiwakes in Shetland, 1981-1994. *Scottish Birds* 17: 192-204.
- Heubeck, M., Mellor, R.M. & Harvey, P.V. 1997. Changes in the breeding distribution and numbers of Kittiwakes *Rissa tridactyla* around Unst, Shetland, and the presumed role of predation by Great Skuas *Catharacta skua*. *Seabird* 19: 12-21.
- Heubeck, M., Mellor, R.M., Harvey, P.V., Mainwood, A.R. & Riddington, R. 1999. Estimating the population size and rate of decline of Kittiwakes *Rissa tridactyla* breeding in Shetland. *Bird Study* 46: 48-61.
- Heubeck, M., Richardson, M.G. & Dore, C.P. 1986. Monitoring numbers of Kittiwakes (*Rissa tridactyla*) in Shetland. *Seabird* 9: 32-42.
- Inglis, A.D. 1985. Kittiwake movements in the Forth. *Scottish Birds* 13: 189-190.
- Innes, M.I. 1994. The movement of gulls and terns off Peterhead, Grampian. *North-East Scotland Bird Report* 1993: 66-79.
- Jenkins, D. 1961. A large coastal movement of Kittiwakes (*Rissa tridactyla*) in April. *Scottish Naturalist* 1961: 82-84.
- Leach, I.H. 1979. Kittiwakes with red legs. *Scottish Birds* 10: 276.
- Lloyd, C.S., Tasker, M.L. & Partridge, K. 1991. *The Status of Seabirds in Britain and Ireland*. T. & A.D. Poyser, London.
- Maguire, E. 2005a. *Machrihanish Seabird & Wildlife Observatory: 2002-2004 Report*. Peninsula Wildlife Publications, Campbeltown.
- Mavor, R.A., Pickerell, G., Heubeck, M. & Mitchell, P.I. 2002. *Seabird numbers and breeding success in Britain and Ireland, 2001*. UK Nature Conservation Series No. 26. Joint Nature Conservation Committee, Peterborough.
- McInerny, C.J. 2004. Sea-watching at Chanonry Point, Highland. *Birding Scotland* 7: 49-55.
- Murray, S. 2002b. The birds of St Kilda. *Scottish Birds* 23 (supplement): 1-64.
- Olsen, K.M. & Larsson, H. 2003. *Gulls of Europe, Asia and North America*. Christopher Helm, London.
- Phillips, R.A., Thompson, D.R. & Hamer, K.C. 1999b. The impact of great skua predation on seabird populations at St Kilda: a bioenergetics model. *Journal of Applied Ecology* 36: 218-232.
- Rankin, M.N. & Duffey, E.A.G. 1948. A study of the bird life of the North Atlantic. *British Birds* 41 (supplement): 1-42.
- Richardson, M.G. 1985. Status and distribution of the Kittiwake in Shetland in 1981. *Bird Study* 32: 11-18.
- Rothery, P., Harris, M.P., Wanless, S. & Shaw, D. 2002. Colony size, adult survival rates, productivity and population projections of the Kittiwakes on Fair Isle. *Atlantic Seabirds* 4: 17-28.
- Sandeman, G.L. 1974. A large movement of Kittiwakes in the Forth. *Scottish Birds* 8: 77-78.
- Sandeman, G.L. 1975. Another Kittiwake movement in the Firth of Forth. *Scottish Birds* 8: 324-325.

- Sibley, D. 2000. *The North American Bird Guide*. Pica Press, Robertsbridge.
- Thorburn, A. 1935. Kittiwakes nesting in Dunbar. *Scottish Naturalist* 1935: 50.
- Votier, S.C., Bearhop, S., Ratcliffe, N., Phillips, R.A. & Furness, R.W. 2004a. Predation by great skuas at a large Shetland seabird colony. *Journal of Applied Ecology* 41: 1117-1128.
- Walsh, P.M., Sears, J. & Heubeck, M. 1991. *Seabird numbers and breeding success in Britain and Ireland, 1990*. Nature Conservancy Council CSD Report No. 1235.
- Walsh, P.M., Sim, I. & Heubeck, M. 1993. *Seabird numbers and breeding success in Britain and Ireland, 1992*. UK Nature Conservation Series No. 10. Joint Nature Conservation Committee, Peterborough.
- Wanless, S. & Harris, M.P. 1989. Kittiwake attendance patterns during chick rearing on the Isle of May. *Scottish Birds* 15: 156-161.
- Weir, D.N., Kitchener, A.C. & McGowan, R.Y. 1996a. Biometrics of Kittiwakes wrecked in Shetland in 1993. *Seabird* 18: 5-9.

235 Ivory Gull (35)

- Baikie, W.B. & Heddle, R. 1848. *Naturalis Orcadensis. Zoology. Part I. Being a Catalogue of the Mammalia and Birds hitherto Observed in the Orkney Islands*. J. & W. Patterson, Edinburgh.
- Barnard, L. 1916. Ivory Gull on the west coast of Scotland. *Scottish Naturalist* 1916: 95.
- Baxter, E.V. & Rintoul, L.J. 1921. Report on Scottish ornithology in 1920, including migration. *Scottish Naturalist* 1921: 105-120, 135-158.
- Berry, W. 1916. Ivory Gulls in Inverness-shire. *Scottish Naturalist* 1916: 95.
- Bolam, G. 1896a. A list of the birds of Berwick-on-Tweed, with special reference to "The Birds of Berwickshire", and notices of the occurrence of some of the rarer species in the adjoining districts. *Annals of Scottish Natural History* 1896: 76-93.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Clarke, W.E. 1893. Occurrence of the Ivory Gull (*Pagophila eburnea*) in Shetland. *Annals of Scottish Natural History* 1893: 117-118.
- Cunningham, W.A.J. & Peterson, J. 1962. Ivory Gull in Lewis and Shetland. *Scottish Birds* 2: 34-35.
- Edmondston, L. 1823. Notice of a specimen of the *Larus eburneus*, or Ivory Gull, shot in Zetland; and further remarks on the Iceland Gull. *Memoirs of the Wernerian Natural History Society* 4: 501-506.
- Haney, J.C. 1993. Ivory Gull: a closer look. *Birding* 25: 330-338.
- Kay, G.T. 1951. Ivory Gull in Shetland. *British Birds* 44: 354-356.
- McNee, A.F. 2000. The Longman outflow and Inverness area. *Birding Scotland* 3: 18-20.
- Murray, A. 1854. Notice of Ivory Gull (*Larus eburneus*) shot in Caithness. *Proceedings of the Royal Physical Society of Edinburgh* 1: 4.
- Murray, R. 1986. *The Birds of the Borders*. Scottish Ornithologists' Club, Borders Branch, Penicuik.
- Naylor, K.A. 1996. *A Reference Manual of Rare Birds in Great Britain and Ireland*. Privately published, Nottingham.
- Olsen, K.M. & Larsson, H. 2003. *Gulls of Europe, Asia and North America*. Christopher Helm, London.
- Osborn, K. & Murray, A. 2000. Rarities - their status in Scotland. Number one: Ivory and Ross's Gulls. *Birding Scotland* 3: 42-44.
- Pennington, M. 2005b. Additional information on three firsts for Britain recorded from Shetland. *Shetland Bird Report* 2004: 119-120.
- Phillips, I.M. 1997. *Rare and Scarce Birds in North East Scotland*. I.M. Phillips, Cove.
- Read, W. 1886. Ivory Gull and Little Auk in Caithness. *Zoologist* 44: 109.
- Rintoul, L.J. & Baxter, E.V. 1905. Pied Flycatchers and Ivory Gull in Fife *Annals of Scottish Natural History* 1905: 53.
- Rintoul, L.J. & Baxter, E.V. 1917. Report on Scottish ornithology in 1916, including migration. *Scottish Naturalist* 1917: 145-206.
- Ross, W.M. 1935. Great Snipe and Ivory Gull in Moray area. *Scottish Naturalist* 1935: 54.
- Serle, W. 1895a. Ivory Gull in Aberdeenshire. *Annals of Scottish Natural History* 1895: 125.
- Sibley, D. 2000. *The North American Bird Guide*. Pica Press, Robertsbridge.
- Sim, G. 1875. Ivory Gulls at Aberdeen. *Scottish Naturalist* 3: 8-9.
- Sim, G. 1903. *The Vertebrate Fauna of 'Dee'*. Wyllie, Aberdeen.
- Simpson, J.H. 1968. Ivory Gull in Shetland. *Scottish Birds* 5: 217.
- Smith, J. 1847. Occurrence of the Ivory Gull in Aberdeenshire. *Zoologist* 5: 1700-1701.
- Stenhouse, I.J., Gilchrist, G., Mallory, M.L. & Roberston, G.J. 2004. *Drastic decline in Ivory Gull breeding populations*. Canadian Wildlife Service Report.
- Stout, J.A. 1952. Ivory Gull and probable Greenland Falcon at Fair Isle. *Fair Isle Bird Observatory Bulletin* 1 (6): 28.
- Tulloch, R.J. 1970c. Ivory Gulls in Shetland and off north Argyll. *Scottish Birds* 6: 173-174.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
- Wemyss, B. 2000. Ivory Gull on Lewis, Outer Hebrides, 10th-18th January 2000. *Birding Scotland* 3: 74.
- Wilson, A.M. & Wilson, D. 1959. Ivory Gull in Fife. *Scottish Birds* 1: 151-152.

236 Sooty Tern (5)

- Balfour, E. 1954. Sooty Tern (*Sterna fuscata*) in Orkney. *Scottish Naturalist* 1954: 190-191.
- Harrison, P. 1983. *Seabirds: an identification guide*. Croom Helm, Beckenham.
- Harvey, P.V. & Shaw, K.D. 1999c. Dealing with difficult rarities – their identification and submission. Number five: Sooty Tern, Isle of May, Fife, July 1989. *Birding Scotland* 2: 126-128.
- Olsen, K.M. & Larsson, H. 1995. *Terns of Europe and North America*. Christopher Helm, London.
- Ritchie, J. 1939. Sooty Tern in Stirlingshire. *British Birds* 33: 197-198.

237 Bridled Tern (3)

- Green, S.R. 2003b. The Bridled Tern in Angus – the first county record. *Birding Scotland* 6: 130-131.
- Harrison, P. 1983. *Seabirds: an identification guide*. Croom Helm, Beckenham.
- Olsen, K.M. & Larsson, H. 1995. *Terns of Europe and North America*. Christopher Helm, London.

238 Little Tern (26)

- Atkinson, N.K. 1982. The Little Tern at St Cyrus National Nature Reserve. *Seabird* 6: 86-92.
- Baikie, W.B. & Heddle, R. 1848. *Naturalis Orcadensis. Zoology. Part I. Being a Catalogue of the Mammalia and Birds hitherto Observed in the Orkney Islands*. J. & W. Patterson, Edinburgh.
- Batten, L.A., Bibby, C.J., Clement, P., Elliott, G.D. & Porter, R.F. 1990. *Red Data Birds in Britain: action for rare, threatened and important species*. T. & A.D. Poyser, London.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Boyd, J.M. 1958. The birds of Tiree and Coll. *British Birds* 51: 41-56, 103-118.
- Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
- Buxton, N.E. 1985a. The current status and distribution of terns in the Outer Hebrides. *Scottish Birds* 13: 172-178.
- Cramp, S., Bourne, W.R.P. & Saunders, D. 1974. *The Seabirds of Britain and Ireland*. Collins, London.
- Gunn, P.W.G. 1928. Little Terns in East Lothian. *Scottish Naturalist* 1928: 94-95.
- Haddon, P.C. & Knight, R.C. 1983. *A Guide to Little Tern Conservation*. RSPB, Sandy.
- Langham, N.P.E. 1971. Seasonal movements of British terns in the Atlantic Ocean. *Bird Study* 18: 155-175.
- Lloyd, C.S., Tasker, M.L. & Partridge, K. 1991. *The Status of Seabirds in Britain and Ireland*. T. & A.D. Poyser, London.
- Mavor, R.A., Parsons, M., Heubeck, M. & Schmitt, S. 2005. *Seabird numbers and breeding success in Britain and Ireland, 2004*. UK Nature Conservation Series No. 29. Joint Nature Conservation Committee, Peterborough.
- McMillan, R.L. 2005. *Skye Birds: an illustrated guide to the birds of Skye*. Skye-birds.com, Elgol.
- Murray, J. 1958b. Little Tern breeding in Wigtownshire. *Scottish Birds* 1: 16-17.
- Norman, R.K. & Saunders, D.R. 1969. Status of Little Terns in Great Britain and Ireland in 1967. *British Birds* 62: 4-13.
- O'Brian, M. & Farrelly, P. 1990. Breeding biology of Little Terns at Newcastle, Co. Wicklow and the impact of conservation action, 1985-1990. *Irish Birds* 4: 149-168.
- Ogilvie, M. & the Rare Breeding Birds Panel. 2003. Rare breeding birds in the United Kingdom in 2001. *British Birds* 96: 476-519.
- Ogilvie, M. & the Rare Breeding Birds Panel. 2004. Rare breeding birds in the United Kingdom in 2002. *British Birds* 97: 492-536.
- Olsen, K.M. & Larsson, H. 1995. *Terns of Europe and North America*. Christopher Helm, London.
- Robertson, J. 1928. Breeding of the Little Tern in the Clyde area. *Scottish Naturalist* 1928: 125-126.
- Smout, A.-M. 1986. *The Birds of Fife: an outline of their status and distribution*. John Donald, Edinburgh.
- Stone, C.J., Webb, A., Barton, C., Ratcliffe, N., Reed, T.C., Tasker, M.L., Camphuysen, C.J. & Pienkowski, M.W. 1995b. *An Atlas of Seabird Distribution in North-west European Waters*. Joint Nature Conservation Committee, Peterborough.
- Stroud, D.A. (ed.) 1989. *The Birds of Coll and Tiree: status, habitats and conservation*. NCC/SOC, Edinburgh.
- Tapper, S.C. 1992. *Game Heritage: an ecological review from shooting and game keeping records*. The Game Conservancy, Fordingbridge.
- Thomas, G.J. 1982. Breeding terns in Britain and Ireland, 1975-79. *Seabird* 6: 59-69.

239 Gull-billed Tern (13)

- Bain, J. 1913. Two new birds to the Scottish Fauna. II. On the occurrence of the Gull-billed Tern in Orkney. *Scottish Naturalist* 1913: 154.
- Cottridge, D. & Vinicombe, K.E. 1996. *Rare Birds in Britain and Ireland: a photographic record*. HarperCollins/Birding World, London.
- Evans, L.G.R. 1994. *Rare Birds in Britain 1800-1990*. LGRE Publications, Amersham.
- Macdonald, A. 1969a. Gull-billed Tern in East Lothian. *Scottish Birds* 5: 284-285.
- Olsen, K.M. & Larsson, H. 1995. *Terns of Europe and North America*. Christopher Helm, London.

- Rogers, M.J. & the Rarities Committee. 1993. Report on rare birds in Great Britain in 1992. *British Birds* 86: 447-540.
- Sharrock, J.T.R. 1974. *Scarce Migrant Birds in Britain and Ireland*. T. & A.D. Poyser, Berkhamsted.
- Shaw, K.D. 2000. Gull-billed Tern on the Western Isles, July 2000. *Birding Scotland* 3: 156-157.
- Smout, T.C. 1960a. Gull-billed Tern in East Lothian. *Scottish Birds* 1: 335-336.
- Smout, T.C. 1967. Gull-billed Tern in West Lothian. *Scottish Birds* 4: 448.
- Tait, C.S. 1970b. Gull-billed Terns in Stirlingshire. *Scottish Birds* 6: 45-46.
- Venables, L.S.V. & Venables, U.M. 1955. *The Birds and Mammals of Shetland*. Oliver & Boyd, Edinburgh.
- Viniccombe, K.E. 1989. Field identification of Gull-billed Tern. *British Birds* 82: 3-13.

240 Caspian Tern (8)

- Forrester, M. 1969. Caspian Tern on Loch Lomond – a new Scottish bird. *Scottish Birds* 5: 390.
- Harrison, P. 1983. *Seabirds: an identification guide*. Croom Helm, Beckenham.
- Harvie-Brown, J.A. & Buckley, T.E. 1895. *A Vertebrate Fauna of the Moray Basin*. Two volumes. David Douglas, Edinburgh.
- Olsen, K.M. & Larsson, H. 1995. *Terns of Europe and North America*. Christopher Helm, London.
- Owens, G. 2002. Caspian Tern at Skinflats, 9th July 2002 - the 1st record for Forth. *Birding Scotland* 5: 153-154.
- Ramsay, A.D.K. 1972. Caspian Terns in East Lothian. *Scottish Birds* 7: 54.
- Rogers, M.J. & the Rarities Committee. 1984. Report on rare birds in Great Britain in 1983. *British Birds* 77: 506-562.
- Witherby, H.F. 1941. Caspian Tern ringed in U.S.A. found in Yorkshire. *British Birds* 34: 184.

241 Whiskered Tern (8)

- Anon. 1991. European news. *British Birds* 84: 1-12.
- Anon. 1994. European news. *British Birds* 87: 1-15.
- Anon. 1996. European news. *British Birds* 89: 25-45.
- Gillon, K. & Crockett, P. 2001. Whiskered Tern at Meikle Loch – the second Scottish record. *Birding Scotland* 4: 102.
- Harrison, P. 1983. *Seabirds: an identification guide*. Croom Helm, Beckenham.
- Meininger, P.L. & Sørensen, U.G. 1993. Egypt as a major wintering area of Little Gulls. *British Birds* 86: 407-410.
- Olsen, K.M. & Larsson, H. 1995. *Terns of Europe and North America*. Christopher Helm, London.
- Service, R. 1894. Occurrence of the Whiskered Tern in Solway. *Annals of Scottish Natural History* 1894: 179-181.

242 Black Tern (20)

- Adriaens, P. 1999. The American Black Tern in Co. Dublin. *Birding World* 12: 378-379.
- Andrews, R., Higgins, R. & Martin, J. 1999. The American Black Tern in Avon. *Birding World* 12: 416-418.
- Batten, L.A., Bibby, C.J., Clement, P., Elliott, G.D. & Porter, R.F. 1990. *Red Data Birds in Britain: action for rare, threatened and important species*. T. & A.D. Poyser, London.
- Bower, B.P. 1970. Behaviour of migrant Black Terns. *Scottish Birds* 6: 44.
- Cook, M. 1992. *The Birds of Moray and Nairn*. The Mercat Press, Edinburgh.
- Cottier, E.J. & Lea, D. 1969. Black-tailed Godwits, Ruffs and Black Terns breeding on the Ouse Washes. *British Birds* 62: 259-270.
- Davidson, G.D. 1930. Black Tern near Melrose, Roxburghshire. *Scottish Naturalist* 1930: 26.
- Dickson, D. 2000a. The passage of Black Terns in Fife during autumn 1999. *Fife Bird Report* 1999: 95-97.
- Edmondston, T. 1844. A fauna of Shetland. *Zoologist* 2: 459-467.
- Elkins, N. 2000. Weather and the Black Tern influx. *Fife Bird Report* 1999: 98-99.
- Evans, W. 1905. Black Tern and other birds in “Forth”. *Annals of Scottish Natural History* 1905: 119.
- Harrison, J.G. 1958. Late Black Tern in Angus. *Scottish Birds* 1: 16.
- Izzard, J. 1958. Black Tern in South Uist. *Scottish Birds* 1: 16.
- Jamieson, G.T. 1958. Black Tern in south Perth. *Scottish Birds* 1: 16.
- Macmillan, A.T. 1967b. Current notes. *Scottish Birds* 4: 558-580.
- Olsen, K.M. & Larsson, H. 1995. *Terns of Europe and North America*. Christopher Helm, London.
- Pétursson, G. & Þráinsson, G. 1999. Sjaldgæfir fuglar á Íslandi fyrir 1981 [Rare birds in Iceland]. *Fjolrit Natturufraedistofnunar* 37.
- Shaw, K.D. 1999. The record numbers of Black Terns in Fife. *Birding Scotland* 2: 184.
- Slater, P.J.B. 1967b. Current notes. *Scottish Birds* 4: 509-521.
- Turnbull, W.P. 1867. *The Birds of East Lothian and a Portion of the Adjoining Counties*. 2nd Edition. Privately published, Glasgow.

243 White-winged Tern (10)

- Blindell, R.M. & Etheridge, B. 1970. White-winged Black Terns in East Lothian, Nairnshire and Inverness-shire. *Scottish Birds* 6: 203-204.

- Broad, R.A. 1976. White-winged Black Tern at Fair Isle. *Scottish Birds* 9: 163-164.
- Curber, R.M. 1970. White-winged Black Tern in East Lothian. *Scottish Birds* 6: 44-45.
- Olsen, K.M. & Larsson, H. 1995. *Terns of Europe and North America*. Christopher Helm, London.
- Parker, A. & Grigson, M.J. 1974. White-winged Black Tern in Aberdeenshire. *Scottish Birds* 8: 32.
- Robinson, H.W. 1932. White-winged Black Tern in Scotland. *Scottish Naturalist* 1932: 171.
- Sharrock, J.T.R. 1974. *Scarce Migrant Birds in Britain and Ireland*. T. & A.D. Poyser, Berkhamsted.
- Smith, A., Dennis, R.H., Tulloch, R.J., Smith, E.M., Smith, R.W.J. & Donaldson, R. 1968. White-winged Black Tern in Outer Hebrides, Shetland, Caithness and Aberdeenshire. *Scottish Birds* 5: 29-30.
- Thomason, G. 1965a. White-winged Black Tern in Outer Hebrides - a new Scottish bird. *Scottish Birds* 3: 258.
- Walker, K.G. 1967a. White-winged Black Tern in Orkney. *Scottish Birds* 4: 373-374.

244 Sandwich Tern (37)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Booth, C.G. 1975. *Birds in Islay*. Argyll Reproductions Ltd, Port Charlotte.
- Bos, J. & Nissim, M. 2001. Origin of Sandwich Terns observed in the Firth of Forth during the post-breeding period. *Scottish Bird News* 62: 3.
- Bourne, W.R.P. & Smith, A.J.M. 1974. Threats to Scottish Sandwich Terns. *Biological Conservation* 6: 222-224.
- Bourne, W.R.P. & Smith, A.J.M. 1978. Seabirds in North-East Scotland. *North-East Scotland Bird Report* 1977: 55-62.
- Bruce, T. 1961. Sandwich Terns breeding in Shetland. *Scottish Birds* 1: 494.
- Bullock, I.D. & Gomersall, C.H. 1981. The breeding populations of terns in Orkney and Shetland in 1980. *Bird Study* 28: 187-200.
- Cook, M. 1992. *The Birds of Moray and Nairn*. The Mercat Press, Edinburgh.
- Cramp, S., Bourne, W.R.P. & Saunders, D. 1974. *The Seabirds of Britain and Ireland*. Collins, London.
- Cunningham, P. 1990. *The Birds of the Outer Hebrides: a guide to their status and distribution*. Updated Edition. The Mercat Press, Edinburgh.
- da Prato, S.R.D., Dickson, J.M. & Symonds, F.L. 1981. Sandwich Terns in the Firth of Forth in winter. *Scottish Birds* 11: 226-227.
- Dennis, R. 1995a. *The Birds of Badenoch and Strathspey*. 2nd Edition. Colin Baxter Photography, Grantown-on-Spey.
- Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
- Eggeling, W.J. 1960a. *The Isle of May: a Scottish nature reserve*. Oliver & Boyd, Edinburgh & London.
- Eggeling, W.J. 1974. The birds of the Isle of May - a revised assessment of status. *Scottish Birds* 8 (supplement): 93-148.
- Hemsley, D. 1999. Recolonisation of the Isle of May by Sandwich Terns during 1999. *Scottish Birds* 20: 111.
- Ingles, W. 1928. Fluctuation in numbers of terns on an island in the Firth of Forth. *Scottish Naturalist* 1928: 179.
- Jamieson, H. 1924. Breeding of Sandwich Tern in Shetland. *Scottish Naturalist* 1924: 52.
- Langham, N.P.E. 1971. Seasonal movements of British terns in the Atlantic Ocean. *Bird Study* 18: 155-175.
- Langham, N.P.E. 1974. Comparative breeding biology of the Sandwich Tern. *Auk* 95: 255-277.
- Lloyd, C.S., Bibby, C.J. & Everett, M.J. 1975. Breeding terns in Britain and Ireland in 1969-74. *British Birds* 68: 221-237.
- Lloyd, C.S., Tasker, M.L. & Partridge, K. 1991. *The Status of Seabirds in Britain and Ireland*. T. & A.D. Poyser, London.
- Monaghan, P. & Zonfrillo, B. 1986. Population dynamics of seabirds breeding in the Firth of Clyde. *Proceedings of the Royal Society of Edinburgh* 91B: 73-80.
- Murray, R. 1986. *The Birds of the Borders*. Scottish Ornithologists' Club, Borders Branch, Penicuik.
- Murray, S. 2002b. The birds of St Kilda. *Scottish Birds* 23 (supplement): 1-64.
- Olsen, K.M. & Larsson, H. 1995. *Terns of Europe and North America*. Christopher Helm, London.
- Ouweneel, G.L. 1989. Wintering of Sandwich Tern in the Netherlands. *Dutch Birding* 11: 172-174.
- Sandeman, G.L. 1963. Roseate and Sandwich Tern colonies in the Forth and neighbouring areas. *Scottish Birds* 2: 286-293.
- Scharringa, J. 1979. American Sandwich Tern *Sterna sandvicensis eurygnatha* in the Netherlands. *Dutch Birding* 1: 60.
- Short, W. 1928. Decrease in Sandwich Terns at Tentsmuir, Fife. *Scottish Naturalist* 1928: 126.
- Smith, A.J.M. 1975. Studies of breeding Sandwich Terns. *British Birds* 68: 142-156.
- Stroud, D.A. (ed.) 1989. *The Birds of Coll and Tiree: status, habitats and conservation*. NCC/SOC, Edinburgh.
- Taylor, I.R. 1983. Effect of wind on the foraging behaviour of Common and Sandwich Terns. *Ornis Scandinavica* 14: 90-96.
- Veen, J. 1977. Functional and causal aspects of nest distribution in colonies of the Sandwich Tern (*Sterna s. sandvicensis* Lath.). *Behaviour* 20 (supplement): 1-193.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
- Wanless, S. 1988. The re-colonisation of the Isle of May by Common and Arctic Terns. *Scottish Birds* 15: 1-8.

245 Royal Tern (4)

- Andrews, I.J. 1999. Royal Tern in Lothian - a first for Scotland. *Birding Scotland* 2: 165-167.
 Andrews, I.J. 2000. Royal Tern at Thorntonloch and Musselburgh, August 1999. *Lothian Bird Report* 1999: 127-129.
 Olsen, K.M. & Larsson, H. 1995. *Terns of Europe and North America*. Christopher Helm, London.
 Wheeler, P. 1989. Geographical variation in Royal Terns. *Birding World* 2: 326-327.

246 Lesser Crested Tern (4)

- Andrews, I.J. & Leven, M.R. 1988. Lesser Crested Tern at Musselburgh. *Lothian Bird Report* 1987: 79.
 Gillon, K. & Stringer, G. 1994. Elsie II – the nest generation of hybrid Lesser Crested x Sandwich Terns. *Birding World* 7: 312-315.
 McGuigan, C.C. 1990. Hybrid Lesser Crested x Sandwich Tern at Musselburgh. *Lothian Bird Report* 1989: 95-96.
 Olsen, K.M. & Larsson, H. 1995. *Terns of Europe and North America*. Christopher Helm, London.

247 Forster's Tern (4)

- Jackson, B. 2003a. Forster's Tern, an Argyll first, 8th-11th January 2003. *Birding Scotland* 6: 39-41.
 Olsen, K.M. & Larsson, H. 1995. *Terns of Europe and North America*. Christopher Helm, London.
 Vick, L.L.J., Andrews, I.J. & Gordon, P.R. 1986a. Forster's Tern at Musselburgh and Granton, Lothian. *Scottish Birds* 14: 126.
 Vick, L.L.J., Andrews, I.J. & Gordon, P.R. 1986b. Forster's Tern at Musselburgh and Granton – a species new to Scotland. *Lothian Bird Report* 1985: 111-113.

248 Common Tern (21)

- Bourne, W.R.P., Smith, A.J.M. & Dowse, A. 1978. Gulls and terns nesting inland in northeast Scotland. *Scottish Birds* 10: 50-53.
 Bullock, I.D. & Gomersall, C.H. 1981. The breeding populations of terns in Orkney and Shetland in 1980. *Bird Study* 28: 187-200.
 Buxton, N.E. 1985a. The current status and distribution of terns in the Outer Hebrides. *Scottish Birds* 13: 172-178.
 Clunas, A.J. 1982. Common Tern attacking Little Tern chick. *Scottish Birds* 12: 119.
 Craik, J.C.A. 1992. Exceptional mortality of auks, terns and Kittiwakes *Rissa tridactyla* in west Scotland in July 1985. *Sula* 6: 125-138.
 Craik, J.C.A. 1997b. Long-term effects of North American Mink *Mustela vison* on seabirds in western Scotland. *Bird Study* 44: 303-309.
 Craik, J.C.A. 1998. Recent mink-related declines of gulls and terns in west Scotland and the beneficial effects of mink control. *Argyll Bird Report* 14: 98-110.
 Craik, J.C.A. 2000b. Breeding success of Common Gulls *Larus canus* in west Scotland II. Comparisons between colonies. *Atlantic Seabirds* 2: 1-12.
 Cramp, S., Bourne, W.R.P. & Saunders, D. 1974. *The Seabirds of Britain and Ireland*. Collins, London.
 Eggeling, W.J. 1960a. *The Isle of May: a Scottish nature reserve*. Oliver & Boyd, Edinburgh & London.
 Eggeling, W.J. 1974. The birds of the Isle of May - a revised assessment of status. *Scottish Birds* 8 (supplement): 93-148.
 Grierson, J. 1962. A check-list of the birds of Tentsmuir, Fife. *Scottish Birds* 2: 113-164.
 Langham, N.P.E. 1971. Seasonal movements of British terns in the Atlantic Ocean. *Bird Study* 18: 155-175.
 Lloyd, C.S., Tasker, M.L. & Partridge, K. 1991. *The Status of Seabirds in Britain and Ireland*. T. & A.D. Poyser, London.
 Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
 Monaghan, P. & Zonfrillo, B. 1986. Population dynamics of seabirds breeding in the Firth of Clyde. *Proceedings of the Royal Society of Edinburgh* 91B: 73-80.
 Olsen, K.M. & Larsson, H. 1995. *Terns of Europe and North America*. Christopher Helm, London.
 Smout, A.-M. 1986. *The Birds of Fife: an outline of their status and distribution*. John Donald, Edinburgh.
 Summers, R.W. 1972. Tern populations in Angus and Fife. *Tay Ringing Group Report* 1972: 5-8.
 Taylor, I.R. 1979b. Prey selection during courtship feeding in the Common Tern. *Ornis Scandinavica* 10: 142-144.
 Wanless, S. 1988. The re-colonisation of the Isle of May by Common and Arctic Terns. *Scottish Birds* 15: 1-8.

249 Roseate Tern (35)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
 Avery, M.I. & del Nevo, A. 1991. Action for Roseate Terns. *RSPB Conservation Review* 5: 54-59.
 Batten, L.A., Bibby, C.J., Clement, P., Elliott, G.D. & Porter, R.F. 1990. *Red Data Birds in Britain: action for rare, threatened and important species*. T. & A.D. Poyser, London.
 Baxter, E.V. 1956. Review of ornithological changes in Scotland in 1954. *Scottish Naturalist* 1956: 1-9.

- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Bourne, W.R.P. & Smith, A.J.M. 1978. Seabirds in North-East Scotland. *North-East Scotland Bird Report* 1977: 55-62.
- Cabot, D. 1996. Performance of the Roseate Tern population breeding in north-west Europe - Ireland, Britain and France, 1960-1994. *Proceedings of the Royal Irish Academy* B96: 55-68.
- Campbell, B. 1947. Field notes on the breeding of the Roseate Tern (*Sterna d. dougallii* Mont.) in Scotland. *The North Western Naturalist* 1947: 174-177.
- Cramp, S., Bourne, W.R.P. & Saunders, D. 1974. *The Seabirds of Britain and Ireland*. Collins, London.
- Dunn, E.K. 1981. Roseates on a lifeline. *RSPB Birds Summer* 1981: 42-45.
- Eggeling, W.J. 1960a. *The Isle of May: a Scottish nature reserve*. Oliver & Boyd, Edinburgh & London.
- Evans, W. 1896. The Roseate Tern in Aberlady Bay. *Annals of Scottish Natural History* 1896: 256.
- Everett, M.J., Hepburn, I.R., Ntiamo-Baidu, Y. & Thomas, G.J. 1987. Roseate terns in Britain and West Africa. *RSPB Conservation Review* 1: 56-58.
- Ewins, P.J., Okill, J.D. & Ellis, P.M. 1987. Probable interbreeding of Roseate and Arctic Terns. *Scottish Birds* 14: 215-216.
- Gochfeld, M. 1983. The Roseate Tern: world distribution and status of a threatened species. *Biological Conservation* 25: 103-125.
- Harris, M.P. & Harding, N. 1995. Roseate Terns return to the Isle of May. *Scottish Birds* 18: 111.
- Harvie-Brown, J.A. 1876. *Letter from Harvie-Brown to James Lumsden, 29 May 1876. Lumsden correspondence, Kelvingrove Museum, Glasgow*.
- Hays, H., Dicostanzo, J., Cormons, G., de Tarso Zuquim Antas, P., do Nascimento, J., de Lima Serrano do Nascimento, I. & Bremer, R.E. 1997. Recoveries of Roseate and Common Terns in South America. *Journal of Field Ornithology* 68: 79-90.
- Hays, H., Lima, P., Monteiro, L., Dicostanzo, J., Cormons, G., Nisbet, I.C.T., Saliva, J.E., Spendelow, J.A., Burger, J., Pierce, J. & Gochfeld, M. 1999. A non-breeding concentration of Roseate and Common Terns in Bahia, Brazil. *Journal of Field Ornithology* 70: 455-464.
- Hays, H., Neves, V. & Lima, P. 2002. Banded Roseate Terns from different continents trapped in the Azores. *Journal of Field Ornithology* 73: 180-184.
- Jardine, W. 1876. *Birds of Great Britain and Ireland*. W.H. Allen and Co, London.
- Langham, N.P.E. 1971. Seasonal movements of British terns in the Atlantic Ocean. *Bird Study* 18: 155-175.
- Lloyd, C.S., Tasker, M.L. & Partridge, K. 1991. *The Status of Seabirds in Britain and Ireland*. T. & A.D. Poyser, London.
- Mavor, R.A., Parsons, M., Heubeck, M. & Schmitt, S. 2005. *Seabird numbers and breeding success in Britain and Ireland, 2004*. UK Nature Conservation Series No. 29. Joint Nature Conservation Committee, Peterborough.
- McWilliam, J.M. 1936. *The Birds of the Firth of Clyde*. H.F. & G. Witherby, London.
- Mead, C.J. 1978. Tern mortality in West Africa as shown by British and Dutch ringing results. *Ibis* 120: 110.
- Mearns, B. & Mearns, R. 1988. *Biographies for Birdwatchers*. Academic Press, London.
- Mitchell, J. 1979. Inchmoan - the ever changing bird island of Loch Lomond. *West Dunbartonshire Naturalist Report* 4: 2-9.
- Montagu, G. 1813. *Supplement to the Ornithological Dictionary or Synopsis of British Birds*. S. Woolmer, Exeter.
- Mylne, C.K. 1962a. Roseate Terns breeding on the mainland of Fife in 1956. *Scottish Birds* 2: 239-241.
- Olsen, K.M. & Larsson, H. 1995. *Terns of Europe and North America*. Christopher Helm, London.
- Sandeman, G.L. 1963. Roseate and Sandwich Tern colonies in the Forth and neighbouring areas. *Scottish Birds* 2: 286-293.
- Shaw, K.D. 1999. The record numbers of Black Terns in Fife. *Birding Scotland* 2: 184.
- Turnbull, W.P. 1867. *The Birds of East Lothian and a Portion of the Adjoining Counties*. 2nd Edition. Privately published, Glasgow.
- Warren, R.L. 1966. *Type-specimens of Birds in the British Museum (Natural History)*. Vol. 1. Non-Passerines. Trustees of the BM(NH), London.

250 Arctic Tern (35)

- Avery, M. 1991. A re-examination of the Operation Seafarer estimates of Arctic Tern populations for Orkney and Shetland. *Scottish Birds* 16: 113-117.
- Avery, M.I., Burges, D., Dymond, J.N., Mellor, M. & Ellis, P.M. 1993. The status of incubating Arctic Terns *Sterna paradisaea* in Orkney and Shetland in 1989. *Seabird* 15: 17-23.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Bourne, W.R.P. & Casement, M.B. 1996. The migrations of the Arctic Tern. *Bulletin of the British Ornithologists' Club* 116: 117-123.
- Bourne, W.R.P., Dixon, T.J. & Swann, R.L. 1974. Gulls breeding inland in Aberdeenshire. *Scottish Birds* 8: 73-76.
- Bourne, W.R.P. & Saunders, D. 1992. Operation Seafarer and Arctic Terns. *Scottish Birds* 16: 205-210.
- Bourne, W.R.P., Smith, A.J.M. & Dowse, A. 1978. Gulls and terns nesting inland in northeast Scotland. *Scottish Birds* 10: 50-53.
- Bullock, I.D. & Gomersall, C.H. 1981. The breeding populations of terns in Orkney and Shetland in 1980. *Bird Study*

- 28: 187-200.
- Buxton, N.E. 1985a. The current status and distribution of terns in the Outer Hebrides. *Scottish Birds* 13: 172-178.
- Clark, J.A., Robinson, R.A., Balmer, D.E., Blackburn, J.R., Griffin, B.M., Adams, S.Y., Collier, M.P. & Grantham, M.J. 2003. Bird ringing in Britain and Ireland in 2002. *Ringing & Migration* 21: 234-267.
- Craik, J.C.A. & Harvey, S.M. 1984. Biometrics and colour forms of chicks of Common Terns and Arctic Terns. *Ringing & Migration* 5: 40-48.
- Cramp, S., Bourne, W.R.P. & Saunders, D. 1974. *The Seabirds of Britain and Ireland*. Collins, London.
- Eggeling, W.J. 1960a. *The Isle of May: a Scottish nature reserve*. Oliver & Boyd, Edinburgh & London.
- Eggeling, W.J. 1965. Arctic Terns breeding in south Fife. *Scottish Birds* 3: 313-314.
- Eggeling, W.J. 1974. The birds of the Isle of May - a revised assessment of status. *Scottish Birds* 8 (supplement): 93-148.
- Ewins, P.J. 1985b. Growth, diet and mortality of Arctic tern *Sterna paradisaea* chicks in Shetland. *Seabird* 8: 59-68.
- Furness, R.W. 1983. *The Birds of Foula*. Brathay Trust, Ambleside.
- Furness, R.W. 1988a. The predation of Tern chicks by sheep. *Bird Study* 35: 199-202.
- Grierson, J. 1962. A check-list of the birds of Tentsmuir, Fife. *Scottish Birds* 2: 113-164.
- Hatch, J.J. 2002. Arctic Tern (*Sterna paradisaea*). In: Poole, A. & Gill, F. (eds) *The Birds of North America*. Volume 707. The Birds of North America Inc., Philadelphia, PA.
- Hawksley, O. 1949. Transatlantic Arctic Tern recoveries. *Bird-Banding* 20: 185-186.
- Langham, N.P.E. 1971. Seasonal movements of British terns in the Atlantic Ocean. *Bird Study* 18: 155-175.
- Laybourne, S., Manson, S.A.M. & Collett, P.M. 1977. Arctic Terns breeding inland in Caithness. *Scottish Birds* 9: 301.
- Lloyd, C.S., Tasker, M.L. & Partridge, K. 1991. *The Status of Seabirds in Britain and Ireland*. T. & A.D. Poyser, London.
- Mavor, R.A., Parsons, M., Heubeck, M., Pickerell, G. & Schmitt, S. 2003. *Seabird numbers and breeding success in Britain and Ireland, 2002*. UK Nature Conservation Series No. 27. Joint Nature Conservation Committee, Peterborough.
- Monaghan, P., Uttley, J.D. & Burns, M.D. 2002. Effect of changes in food availability on reproductive effort in Arctic Terns. *Ardea* 80: 71-81.
- Monaghan, P., Uttley, J.D., Burns, M.D., Thaine, C. & Blackwood, J. 1989b. The relationship between food supply, reproductive effort and breeding success in arctic terns *Sterna paradisaea*. *Journal of Animal Ecology* 58: 261-274.
- Olsen, K.M. & Larsson, H. 1995. *Terns of Europe and North America*. Christopher Helm, London.
- Salomonsen, F. 1967. Migratory movements of the Arctic Tern (*Sterna paradisaea* Pontoppidan) in the southern ocean. *Det Kongelige Danske Videnskabernes Selskabs. Biologiske Meddelelser* 24: 1-42.
- Smout, A.-M. 1986. *The Birds of Fife: an outline of their status and distribution*. John Donald, Edinburgh.
- Stoneman, J. & Zonfrillo, B. 2005. The eradication of Brown Rats from Handa Island, Sutherland. *Scottish Birds* 25: 17-23.
- Summers, R.W. 1972. Tern populations in Angus and Fife. *Tay Ringing Group Report* 1972: 5-8.
- Swann, R.L. 1974. Gulls and Arctic Terns breeding inland in Aberdeenshire. *Scottish Birds* 8: 281.
- Thomas, G.J. 1982. Breeding terns in Britain and Ireland, 1975-79. *Seabird* 6: 59-69.
- Wanless, S. 1988. The re-colonisation of the Isle of May by Common and Arctic Terns. *Scottish Birds* 15: 1-8.

251 Common Guillemot (33)

- Anon. 1923. The British Common Guillemot. A new sub-species. *Scottish Naturalist* 1923: 122.
- Bannerman, D.A. 1963. *The Birds of the British Isles*. Oliver & Boyd, Edinburgh.
- Belaoussoff, S. 1993. Northern Gannet and Common Guillemot nesting on Rockall. *British Birds* 86: 16.
- Birkhead, T.R. 1984. Distribution of the bridled form of the Common Guillemot *Uria aalge* in the North Atlantic. *Journal of Zoology, London* 202: 165-176.
- Bourne, W.R.P. 1968. Arctic auks on the Scottish coast. *Scottish Birds* 5: 104-107.
- British Ornithologists' Union (BOU). 1992a. *Checklist of Birds of Britain and Ireland*. 6th Edition. Helm Information Ltd, London.
- Clugston, D.L., Forrester, R.W., McGowan, R.Y., Zonfrillo, B. on behalf of the Scottish Birds Records Committee. 2001. The Scottish List - species and subspecies. *Scottish Birds* 22: 33-49.
- Cramp, S., Bourne, W.R.P. & Saunders, D. 1974. *The Seabirds of Britain and Ireland*. Collins, London.
- Daunt, F., Peters, G., Scott, B., Gremillet, D. & Wanless, S. 2003. Rapid-response recorders reveal interplay between marine physics and seabird behaviour. *Marine Ecology Progress Series* 255: 283-288.
- Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
- Finney, S.K., Wanless, S. & Harris, M.P. 1999. The effect of weather conditions on the feeding behaviour of a diving bird, the common guillemot *Uria aalge*. *Journal of Avian Biology* 30: 23-30.
- Halley, D.J. & Harris, M.P. 1993. Intercolony movement and behaviour of immature Guillemots *Uria aalge*. *Ibis* 135: 264-270.
- Harris, M.P. 1989. Variation in the correction factor used for converting counts of individual Guillemots *Uria aalge* into breeding pairs. *Ibis* 131: 85-93.

- Harris, M.P., Heubeck, M., Shaw, D.N. & Okill, J.D. 2006. Dramatic changes in the return dates of Guillemots *Uria aalge* to colonies in Shetland, 1962-2005. *Bird Study* 53: 247-252.
- Harris, M.P., Rothery, P. & Wanless, S. 2003a. Increase in frequency of the bridled morph of the Common Guillemot *Uria aalge* on the Isle of May 1946-2000: a return to former levels? *Ibis* 145: 22-29.
- Harris, M.P. & Wanless, S. 1984. The effect of the wreck of seabirds in February 1983 on auk populations on the Isle of May (Fife). *Bird Study* 31: 103-110.
- Harris, M.P. & Wanless, S. 1990a. Moult and autumn colony attendance of auks. *British Birds* 83: 55-66.
- Harris, M.P. & Wanless, S. 1996. Differential responses of Guillemot *Uria aalge* and Shag *Phalacrocorax aristotelis* to a late winter wreck. *Bird Study* 43: 220-230.
- Harris, M.P. & Wanless, S. 2003. Post-fledging occupancy of nest-sites by female common murres (*Uria aalge*). *Auk* 120: 75-81.
- Harris, M.P., Wanless, S. & Rothery, P. 1983. Assessing changes in the numbers of Guillemots *Uria aalge* at breeding colonies. *Bird Study* 30: 57-66.
- Harris, M.P., Wanless, S., Rothery, P., Swann, R.L. & Jardine, D. 2000c. Survival of adult Common Guillemots *Uria aalge* at three Scottish colonies. *Bird Study* 47: 1-7.
- Holdgate, M. 1971. *The Seabird Wreck of 1969 in the Irish Sea*. Natural Environment Research Council, London.
- Hope Jones, P. 1995. *Determination of age, sex and origin of Guillemots Uria aalge and Razorbills Alca torda killed in oil spills and other incidents*. Unpublished MSc thesis, The Open University.
- Innes, M. 1990. The movement of auks off Peterhead, Grampian. *North-East Scotland Bird Report* 1989: 49-56.
- Lloyd, C.S., Tasker, M.L. & Partridge, K. 1991. *The Status of Seabirds in Britain and Ireland*. T. & A.D. Poyser, London.
- Mavor, R.A., Parsons, M., Heubeck, M., Pickerell, G. & Schmitt, S. 2004. *Seabird numbers and breeding success in Britain and Ireland, 2003*. UK Nature Conservation Series No. 28. Joint Nature Conservation Committee, Peterborough.
- Mylne, C. 2001. Large winter gathering of auks in the Firth of Forth. *Scottish Birds* 22: 111-112.
- Pollock, C.M., Mavor, R., Weir, C.R., Reid, A., White, R.W., Tasker, M.L., Webb, A. & Reid, J.B. 2000. *The distribution of seabirds and marine mammals in the Atlantic Frontier, north and west of Scotland*. Joint Nature Conservation Committee, Aberdeen.
- Rindorf, A., Wanless, S. & Harris, M.P. 2000. Effects of changes in sandeel availability on the reproductive output of seabirds. *Marine Ecology Progress Series* 202: 241-252.
- Stone, C.J., Webb, A., Barton, C., Ratcliffe, N., Reed, T.C., Tasker, M.L., Camphuysen, C.J. & Pienkowski, M.W. 1995b. *An Atlas of Seabird Distribution in North-west European Waters*. Joint Nature Conservation Committee, Peterborough.
- Taylor, K. & Reid, J.B. 1981. Earlier colony attendance by Guillemots and Razorbills. *Scottish Birds* 11: 173-180.
- Wanless, S., Harris, M.P., Redman, P. & Speakman, J. 2005a. Low fish quality as a probable cause of a major seabird breeding failure in the North Sea. *Marine Ecology Progress Series* 294: 1-8.
- Zonfrillo, B. 1992. The menace of low-flying aircraft to seabirds on Ailsa Craig. *Scottish Bird News* 28: 4.

252 Brünnich's Guillemot (6)

- Anderson, S.W. 1994. Brünnich's Guillemot at Musselburgh. *Lothian Bird Report* 1993: 117-118.
- Clarke, W.E. 1909c. On the occurrence of Brünnich's Guillemot in the Firth of Forth. *Annals of Scottish Natural History* 1909: 75-76.
- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Macgregor, R.K. 1971b. Brünnich's Guillemot in Argyllshire. *Scottish Birds* 6: 334-335.
- Robertson, I.S. 1981. Brünnich's Guillemot - a new bird for Fair Isle. *Fair Isle Bird Observatory Report* 1980: 27.
- Walker, F.J. 1969. Brünnich's Guillemot in Shetland. *Scottish Birds* 5: 285-287.

253 Razorbill (39)

- Baillie, S.R. & Mead, C.J. 1982. The effect of severe oil pollution during the winter of 1980-81 on British and Irish auks. *Ringing & Migration* 4: 33-44.
- Blake, B.F., Tasker, M.L., Jones, P.H., Dixon, T.J., Mitchell, R. & Langslow, D.R. 1984. *Seabird Distribution in the North Sea*. Nature Conservancy Council, Aberdeen.
- Bourne, W.R.P. 1968. Arctic auks on the Scottish coast. *Scottish Birds* 5: 104-107.
- Craik, J.C.A. 1997b. Long-term effects of North American Mink *Mustela vison* on seabirds in western Scotland. *Bird Study* 44: 303-309.
- Cramp, S., Bourne, W.R.P. & Saunders, D. 1974. *The Seabirds of Britain and Ireland*. Collins, London.
- Furness, R. 2004. Seabird breeding failures, climate change and wind farms. *Scottish Bird News* 74: 18-19.
- Harris, M.P. 1989. Variation in the correction factor used for converting counts of individual Guillemots *Uria aalge* into breeding pairs. *Ibis* 131: 85-93.
- Harris, M.P., Towll, H., Russell, A.F. & Wanless, S. 1990. Maximum dive depths attained by auks feeding young on the Isle of May, Scotland. *Scottish Birds* 16: 25-28.

- Harris, M.P. & Wanless, S. 1986. The food of young Razorbills on the Isle of May and a comparison with that of Guillemots and Puffins. *Ornis Scandinavica* 22: 375-383.
- Harris, M.P. & Wanless, S. 1989. The breeding biology of Razorbills *Alca torda* on the Isle of May. *Bird Study* 36: 105-114.
- Harris, M.P. & Wanless, S. 1997. Inland nesting by Razorbills. *Scottish Birds* 19: 121-122.
- Harris, M.P., Wanless, S. & Rothery, P. 2000b. Adult survival rates of Shag (*Phalacrocorax aristotelis*), Common Guillemot (*Uria aalge*), Razorbill (*Alca torda*), Puffin (*Fratercula arctica*) and Kittiwake (*Rissa tridactyla*) on the Isle of May 1986-96. *Atlantic Seabirds* 2: 133-150.
- Hipfner, J.M. & Dussureault, J. 2001. The occurrence, size, and composition of Razorbill nest structures. *Wilson Bulletin* 113: 445-448.
- Hope Jones, P. & Tasker, M.L. 1982. *Seabird movement at coastal sites around Great Britain and Ireland 1978-1980*. Unpublished report. Nature Conservancy Council and Seabird Group, Aberdeen.
- Hudson, P.J. 1982a. Nest site characteristics and breeding success in the Razorbill *Alca torda*. *Ibis* 124: 355-359.
- Hudson, R. & Mead, C.J. 1984. Origins and ages of auks wrecked in eastern Britain in February-March 1983. *Bird Study* 31: 89-94.
- Jensen, J.K. & Fritze, E. 1992. Den tidsmæssige fordeling af forskellige Alke *Alca torda* populationer ver Færøerne [English summary]. *Frágreiðing frá Føroya Fuglafrøðifelag* 6: 27-31.
- Leaper, G.M., Webb, A., Benn, S., Prendergast, H.D.V., Tasker, M.L. & Schofield, R. 1988. *Seabird studies around St. Kilda, June 1987*. Unpublished report No. 804. JNCC.
- Lloyd, C. 1974. Movement and survival of British Razorbills. *Bird Study* 21: 102-116.
- Lloyd, C.S. 1976. An estimation of the world breeding population of Razorbill. *British Birds* 69: 298-304.
- Lloyd, C.S., Tasker, M.L. & Partridge, K. 1991. *The Status of Seabirds in Britain and Ireland*. T. & A.D. Poyser, London.
- Mavor, R.A., Parsons, M., Heubeck, M. & Schmitt, S. 2005. *Seabird numbers and breeding success in Britain and Ireland, 2004*. UK Nature Conservation Series No. 29. Joint Nature Conservation Committee, Peterborough.
- Mead, C.J. 1974. The results of ringing auks in Britain and Ireland. *Bird Study* 21: 45-86.
- Mylne, C. 2001. Large winter gathering of auks in the Firth of Forth. *Scottish Birds* 22: 111-112.
- Pennington, M.G., Osborn, K. & Harvey, P.V. 1990. Differences in weight:wing length relationships of Razorbill chicks at Hermaness and Fair Isle in 1989. *Scottish Birds* 16: 33-34.
- Pitches, A. 2004a. Shetland's seabird meltdown. *British Birds* 97: 425.
- Pitches, A. 2004b. Seabird meltdown not confined to Shetland. *British Birds* 97: 484.
- Proffitt, F. 2004. Reproductive failures threaten bird colonies on North Sea coast. *Science* 305: 1090.
- Skov, H., Durinck, J., Leopold, M.F. & Tasker, M.L. 1995. *Important Bird Areas for Seabirds in the North Sea*. BirdLife International, Cambridge.
- Steventon, D.J. 1982. Shiant Razorbills movements, first year survival and age of first return. *Seabird Report* 6: 105-109.
- Swann, B. 2003. What is happening to Canna seabirds? *Scottish Bird News* 67: 14-15.
- Taylor, K. & Reid, J.B. 1981. Earlier colony attendance by Guillemots and Razorbills. *Scottish Birds* 11: 173-180.
- Tod, W.A. 1948. The Northern Razorbill in Scotland: the first Scottish record. *Scottish Naturalist* 1948: 55.
- Underwood, L.A. & Stowe, T.J. 1984. Massive wreck of seabirds in eastern Britain, 1983. *Bird Study* 31: 79-88.
- Wanless, S. & Harris, M.P. 1986. Time spent at the colony by male and female Guillemots *Uria aalge* and Razorbills *Alca torda*. *Bird Study* 33: 168-176.
- Wanless, S., Harris, M.P. & Morris, J.A. 1990. A comparison of feeding areas used by individual common murres (*Uria aalge*), razorbills (*Alca torda*) and an Atlantic puffin (*Fratercula arctica*) during the breeding season. *Colonial Waterbirds* 13: 16-24.
- Wanless, S., Morris, J.A. & Harris, M.P. 1988. Post-chick-leaving behaviour of the Razorbill *Alca torda* as shown by radio-telemetry. *Seabird* 11: 22-27.
- Webb, A., Harrison, N.M., Leaper, G.M., Steele, R.D., Tasker, M.L. & Pienkowski, M.W. 1990. *Seabird Distribution West of Britain. Final Report of Phase 3 of the Nature Conservancy Council Seabirds at Sea Project 1986-1990*. Nature Conservancy Council, Aberdeen.
- Wilson, L.J. 2004b. Seabird season summary 2004. *The Seabird Group Newsletter* October-2004: 1-5.

254 Great Auk (70)

- Allison, E.P. 1989. The bird bones. In: Morris, C.D. (ed.) *The Birsay Bay Project*. Monograph Series No.1. Department of Archaeology, University of Durham, Durham.
- Allison, E.P. 1995. Bird bone. In: Morris, C.D., Batey, C.E. & Rackam, D.J. (eds) *Freswick Links, Caithness: excavation and survey of a Norse settlement*. Historic Scotland.
- Allison, E.P. 1997. Bird bones. In: Buteaux, S. (ed.) *Settlements at Skaill, Deerness, Orkney*. British Archaeological Report, British Series 260. University of Birmingham, Birmingham.
- Andrews, C. 1920. Remains of the Great Auk and Ptarmigan in the Channel Islands. *Annals and Magazine of Natural History* 1920: 166.
- Ascenzi, A. & Segre, A. 1971. A new Neanderthal child mandible from an Upper Pleistocene site in Southern Italy.

- Nature* 233: 280-283.
- Baikie, W.B. & Heddle, R. 1848. *Naturalis Orcadensis. Zoology. Part I. Being a Catalogue of the Mammalia and Birds hitherto Observed in the Orkney Islands.* J. & W. Patterson, Edinburgh.
- Bengston, S.A. 1984. Breeding ecology and extinction of the Great Auk (*Pinguinus impennis*): anecdotal evidence and conjectures. *Auk* 101: 1-12.
- Bones, M. 1993. The Garefowl or Great Auk. *Hebridean Naturalist* 11: 15-24.
- Borodkorb, P. 1960. Great Auk and Common Murre from a Florida midden. *Auk* 77: 342-343.
- Bourne, W.R.P. 1993. The story of the Great Auk *Pinguinus impennis*. *Archives of Natural History* 20: 257-278.
- Bramwell, D. 1977. Appendix 2. Bird and vole bones from Buckquoy, Orkney. *Proceedings of the Society of Antiquaries of Scotland* 108: 209-211.
- Bramwell, D. 1983b. Appendix 5: Bird bones from Knap of Howar, Orkney. *Proceedings of the Society of Antiquaries of Scotland* 113: 100-102.
- Bramwell, D. 1994. The bird remains. In: Smith, B.B. (ed.) *Howe: four millennia of Orkney prehistory*. Monograph No. 9. pp 153-157. Society of Antiquaries of Scotland, Edinburgh.
- Brothwell, D., Bramwell, D. & Cowles, G. 1981. The relevance of birds from coastal and island sites. In: Brothwell, D. & Dimbleby, G. (eds) *Environmental Aspects of Coasts and Islands*. British Archaeological Report. pp 195-206. Oxford.
- Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
- Bullock, W. 1814. Great Auk. *Companion to the London Museum* 16: 75-76.
- Burness, G.P. & Monteverdi, W.A. 1992. Oceanographic-related variation in bone sizes of extinct Great Auks. *Polar Biology* 11: 545-551.
- Clottes, J., Betran, A., Courtin, J. & Cosquer, H. 1992. The Cosquer Cave on Cape Morgiou, Marseille. *Antiquity* 66: 583-598.
- Cooper, J. 1997. The Great Auk in Pleistocene Gibraltar. *Bulletin of the British Ornithologists' Club* 117: 159.
- Feilden, H.W. 1872. The birds of the Faeroe Islands (cont'd). *Zoologist* 30: 3277-3294.
- Fisher, C. 1997. Past human exploitation of birds on the Isle of Man. In: Serjeantson, D. (ed.) *Subsistence and Symbol. Papers from the International Council for Archaeozoology Bird Group Meeting, 1995. International Journal of Osteoarchaeology* 7: 271-286.
- Fleming, J. 1824. Gleanings of natural history during a voyage along the coast of Scotland during 1821. *Edinburgh Philosophical Journal* 10: 95-101.
- Fuller, E. 1999. *The Great Auk*. Privately published, Southborough.
- Garrad, L.S. 1972. Bird remains, including those of a Great Auk *Alca impennis*, from a midden deposit in a cave at Perwick Bay, Isle of Man. *Ibis* 114: 258-259.
- Gaskell, J. 2000. *Who Killed the Great Auk?* Oxford University Press, Oxford.
- Gotfredsen, A.R. 1997. Seabird exploitation on Coastal Inuit sites, west and southeast Greenland. In: Serjeantson, D. (ed.) *Subsistence and Symbol. Papers from the International Council for Archaeozoology Bird Group Meeting, 1995. International Journal of Osteoarchaeology* 7: 292-297.
- Graeme, A.S. 1913. An account of the excavation of the Broch of Ayre, St Mary's Holm, Orkney. *Proceedings of the Society of Antiquaries of Scotland* 48: 31-51.
- Greenway, J.C. 1958. *Extinct and Vanishing Birds of the World*. American Committee for Wildlife Protection, New York.
- Grieve, S. 1883. Notice of the discovery of remains of the Great Auk on the Island of Oronsay. *Journal of the Linnaean Society, London* 1883: 479-487.
- Grieve, S. 1885. *The Great Auk or Garefowl (Alca impennis, Linn.): its history, archaeology, and remains*. T. C. Jack, London.
- Grigson, C. 1981. Mammals and man on Oronsay: some preliminary hypotheses concerning Mesolithic ecology in the Inner Hebrides. In: Brothwell, D. & Dimbleby, G. (eds) *Environmental Aspects of Coasts and Islands*. British Archaeological Report. pp 163-180. Oxford.
- Harvie-Brown, J.A. & Buckley, T.E. 1888. *A Vertebrate Fauna of the Outer Hebrides*. David Douglas, Edinburgh.
- Henshall, A.S. & Wallace, J.C. 1963-64. The excavation of a chambered cairn at Embo, Sutherland. *Proceedings of the Society of Antiquaries of Scotland* 96: 9-36.
- Hobson, K. & Monteverdi, W. 1991. Stable isotope determination of trophic relationships of Great Auk. *Oecologia* 87: 528-531.
- James, H.F. 1995. *The Isle of May Excavations 1995*. Glasgow University, Archaeological Research Division, Glasgow.
- Knowles, W. 1895. Remains of the Great Auk from White Park Bay. *Proceedings of the Irish Academy* 3: 650-663.
- Knox, A. & Walters, M. 1994. *Extinct and endangered birds in the collection of the Natural History Museum*. British Ornithologists' Club Occasional Publication No. 1. Tring.
- Lambert, R.A. 1998b. From exploitation to extinction, to environmental icon: our images of the Great Auk. In: Lambert, R.A. (ed.) *Species History in Scotland*. Scottish Cultural Press, Edinburgh.
- Locke, A. 1996. The bird bones. In: Gathercole, P. & Murphy, C. (eds) *Halangy Down, St Mary's, Isles of Scilly, Excavations 1964-77*. Cornish Archaeology. Volume 35.
- Lubbock, J. 1861. The Kjökkemöddings: recent geologico-archaeological researches in Denmark. *The Natural History Review* 4 (October): 489-504.

- MacCartney, E. 1984. Analysis of faunal remains. In: Fairhurst, H. (ed.) *Excavations at Crosskirk Broch, Caithness*. Monograph No. 3. Society of Antiquaries of Scotland, Edinburgh.
- Mackenzie, N. 1905. Notes on the birds of St Kilda. *Annals of Scottish Natural History* 1905: 75-80, 141-153.
- Martin, M. 1753. *A Voyage to St Kilda*. 4th Edition., London. (Reprint: 1986 James Thin, The Mercat Press, Edinburgh).
- Matthew, M.A. 1866. The Great Auk on Lundy Island. *Zoologist* 24: 100-101.
- McWilliam, J.M. 1936. *The Birds of the Firth of Clyde*. H.F. & G. Witherby, London.
- Melton, N.D. & Nicholson, R.A. 2004. The Mesolithic in the Northern Isles: the preliminary evaluation of an oyster midden at West Voe, Sumburgh, Shetland, U.K. *Antiquity* 78. <http://antiquity.ac.uk/ProjGall/nicholson/index.html>.
- Montevecchi, W.A. & Hufthammer, A.K. 1990. Zooarchaeological implications for prehistoric distributions of seabirds along the Norwegian coast. *Arctic* 43: 110-114.
- Montevecchi, W.A. & Tuck, L.M. 1987. *Newfoundland Birds: exploitation, study, conservation*. Nuttall Ornithological Club, Cambridge.
- Neill, P. 1814. Monthly memoranda in natural history. *Scots Magazine and Edinburgh Literary Miscellany* 76 (March 28): 167-168.
- Newton, A. 1861. Abstract of Mr J Wolley's researches in Iceland respecting the Gare-fowl or Great Auk (*Alca impennis*, Linn.). *Ibis* 1861: 374-399.
- Newton, A. 1898. On the Orcadian home of the Gare-fowl (*Alca impennis*). *Ibis* 1898: 587-592.
- Nicholson, R.A. 2003. Bird bones from the Old Scatness archaeological site. *Shetland Bird Club Newsletter* 134: 4-5.
- Olson, S.L., Swift, C.C. & Mokhiber, C. 1979. An attempt to determine the prey of the great auk. *Auk* 96: 790-792.
- Pennington, M.G. 2004. Was there once a Great Auk colony at Sumburgh? *Shetland Bird Club Newsletter* 138: 5-6.
- Pieper, H. 1985. The fossil land-birds birds of Madeira and Porto Santo. *Bocagiana* 88: 1-6.
- Platt, M.I. 1936. Report on the animal bones found in the chambered cairn, Knowe of Ramsay, Rousay, Orkney. *Proceedings of the Society of Antiquaries of Scotland* 70: 415-419.
- Platt, M.I. 1956. The animal bones. In: Hamilton, J.R.C. (ed.) *Excavations at Jalshof, Shetland*. Ministry of Works Archaeological Report 1. HMSO, Edinburgh.
- Rothschild, W. 1907. *Extinct Birds*. Hutchinson, London.
- Serjeantson, D. 1988. Archaeological and ethnographic evidence for seabird exploitation in Scotland. *Archaeozoologica* 2 (1-2): 209-224.
- Serjeantson, D. 2001. The great auk and the gannet: a prehistoric perspective on the extinction of the great auk. *International Journal of Osteoarchaeology* 11: 43-55.
- Smith, C. 2000. The animal bone. In: Perry, D.R. (ed.) *Castle Park, Dunbar: two thousand years on a fortified headland*. Monograph Number 16. Society of Antiquaries of Scotland, Edinburgh.
- Smith, J.A. 1879. Notice on the remains of the Great Auk, or Gare-fowl, (*Alca impennis*, Linn.), found in Caithness; with notes on its occurrence in Scotland and of its early history. *Proceedings of the Society of Antiquaries of Scotland* 13: 76-105.
- Smith, J.A. 1880. Additional notes to - Notice on the remains of the Great Auk, or Gare-fowl, (*Alca impennis*, Linn.), found in Caithness; with notes on its occurrence in Scotland and of its early history. *Proceedings of the Society of Antiquaries of Scotland* 14: 436-444.
- Tomkinson, J.W. & Tomkinson, P.M.L. 1966. Eggs of the Great Auk. *Bulletin of the BM(NH) Historical Series Volume III* 4: 95-128.
- Traquair, R.H. 1895. Remains of Great Auk in the Edinburgh Museum. *Annals of Scottish Natural History* 1895: 196-197.
- Usher, R. 1897. The discovery of bones of the Great Auk in County Waterford. *Irish Naturalist* 6: 208.
- Usher, R. 1899. The Great Auk, once an Irish bird. *Irish Naturalist* 8: 1-3.
- Usher, R. 1902. Great Auk in County Clare. *Irish Naturalist* 11: 188.
- Williamson, K. 1941. Early drawings of Great Auk and Gannet made in the Isle of Man in 1652. *Ibis* 1941: 301-310.
- Zonfrillo, B. 1994a. In memoriam - Garefowl or Great Auk. *British Birds* 87: 269-270.

255 Black Guillemot (47)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Asbirk, S. 1979. The adaptive significance of the reproductive pattern in the black guillemot *Cephus grylle*. *Videnskabelige Meddelelser fra Dansk Naturhistorisk Forening* 141: 29-80.
- Barrett, R.T. & Vader, W. 1984. The status and conservation of breeding seabirds in Norway. *ICBP Technical Publication* 2: 323-333.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Bradstreet, M.S.W. & Brown, R.G.B. 1985. Feeding ecology of the Atlantic Alcidae. In: Nettleship, D.N. & Birkhead, T.R. (eds) *The Atlantic Alcidae*. Academic Press, London.
- Cairns, D.K. 1987. The ecology and energetics of chick provisioning by black guillemots. *Condor* 89: 627-635.
- Carnduff, D. 1981. Black Guillemots breeding in the Inner Clyde estuary. *Scottish Birds* 11: 195-196.
- Cook, M. 1992. *The Birds of Moray and Nairn*. The Mercat Press, Edinburgh.

- Cook, M.I. & Monaghan, P. 2004. Sex differences in embryo development periods and effects on avian hatching patterns. *Behavioural Ecology* 15: 205-209.
- Cook, M.I., Monaghan, P. & Burns, M.D. 2000. Effects of short-term hunger and competitive asymmetry on facultative aggression in nestling black guillemots *Cephus grylle*. *Behavioural Ecology* 11: 282-287.
- Craik, J.C.A. 1997b. Long-term effects of North American Mink *Mustela vison* on seabirds in western Scotland. *Bird Study* 44: 303-309.
- Craik, J.C.A. & Campbell, B. 2000. Bruce Campbell's islands revisited: changes in the seabirds of Loch Sunart after half a century. *Atlantic Seabirds* 2: 181-194.
- Cramp, S., Bourne, W.R.P. & Saunders, D. 1974. *The Seabirds of Britain and Ireland*. Collins, London.
- Darling, F.F. 1938. *Bird Flocks*. Cambridge University Press, Cambridge.
- Ewins, P.J. 1984. Melanistic Black Guillemot in Shetland. *Scottish Birds* 13: 26.
- Ewins, P.J. 1985a. Colony attendance and censusing of Black Guillemots *Cephus grylle* in Shetland. *Bird Study* 32: 176-185.
- Ewins, P.J. 1987a. Opportunistic feeding of Black Guillemots *Cephus grylle* at fishing vessels. *Seabird* 10: 58-59.
- Ewins, P.J. 1988a. The timing of moult in Black Guillemots *Cephus grylle* in Shetland. *Ringing & Migration* 9: 5-10.
- Ewins, P.J. 1988b. An analysis of ringing recoveries of Black Guillemots *Cephus grylle* in Britain and Ireland. *Ringing & Migration* 9: 95-102.
- Ewins, P.J. 1989. The breeding biology of Black Guillemots *Cephus grylle* in Shetland. *Ibis* 131: 507-520.
- Ewins, P.J. 1990. The diet of the Black Guillemot *Cephus grylle* in Shetland. *Holarctic Ecology* 13: 90-97.
- Ewins, P.J. & Kirk, D.A. 1988. The distribution of Shetland Black Guillemots *Cephus grylle* outside the breeding season. *Seabird* 11: 50-61.
- Ewins, P.J. & Tasker, M.L. 1985. The breeding distribution of Black Guillemots *Cephus grylle* in Orkney and Shetland, 1982-1984. *Bird Study* 32: 186-193.
- Greenwood, J.G. 1987. Winter visits by black guillemots *Cephus grylle* to an Irish breeding site. *Bird Study* 34: 135-136.
- Harris, M.P. & Birkhead, T.R. 1985. Breeding ecology of the Atlantic Alcidae. In: Nettleship, D.N. & Birkhead, T.R. (eds) *The Atlantic Alcidae*. Academic Press, London.
- Heubeck, M. 1989. The breeding population of Tysties in Yell Sound. *Shetland Bird Report* 1988: 68-75.
- Heubeck, M. 1990. Sightings of an all-dark Black Guillemot *Cephus grylle* in Shetland. *Sula* 4: 19-20.
- Heubeck, M. 2000. Population trends of Kittiwake *Rissa tridactyla*, Black Guillemot *Cephus grylle* and Common Guillemot *Uria aalge* in Shetland, 1978-98. *Atlantic Seabirds* 2: 227-244.
- Heubeck, M. & Richardson, M.G. 1980. Bird mortality following the Esso Bernicia oil spill, Shetland, December 1978. *Scottish Birds* 11: 97-108.
- Hogg, A. 1983. *Birds of Ayrshire: a county checklist*. Glasgow University, Glasgow.
- Horn, W. 1882. Additional notes on the birds of the north-west of Perthshire. *Proceedings of the Natural History Society of Glasgow* 5: 225-226.
- Innes, M. 1990. The movement of auks off Peterhead, Grampian. *North-East Scotland Bird Report* 1989: 49-56.
- Jonsson, P.E. & Roselund, N. 1990. The American Mink - a serious threat for Black Guillemot on Hallands Vadero. *Anser* 29: 278-281.
- Lloyd, C.S., Tasker, M.L. & Partridge, K. 1991. *The Status of Seabirds in Britain and Ireland*. T. & A.D. Poyser, London.
- Macmillan, A.T. 1967b. Current notes. *Scottish Birds* 4: 558-580.
- Mavor, R.A., Parsons, M., Heubeck, M. & Schmitt, S. 2005. *Seabird numbers and breeding success in Britain and Ireland, 2004*. UK Nature Conservation Series No. 29. Joint Nature Conservation Committee, Peterborough.
- Petersen, A. 1981. *Breeding biology and feeding ecology of Black Guillemots*. Unpublished DPhil thesis, University of Oxford.
- Renaud, W.E.P. & Bradstreet, M.S.W. 1980. Late winter distribution of black guillemots in northern Baffin Bay and the Canadian high arctic. *Canadian Field Naturalist* 94: 421-425.
- Rintoul, L.J. & Baxter, E.V. 1935. *A Vertebrate Fauna of Forth*. Oliver & Boyd, Edinburgh & London.
- Sangster, G., Collinson, J.M., Helbig, A.J., Knox, A.G. & Parkin, D.T. 2004. Taxonomic recommendations for British birds: second report. *Ibis* 146: 153-157.
- Sawyer, T.R. 1999. *Habitat use and breeding performance in an inshore foraging seabird, the Black Guillemot Cephus grylle*. Unpublished PhD thesis, University of Glasgow.
- Tasker, M. & Reynolds, P. 1983. *A survey of Tystie (Black Guillemot) Cephus grille distribution in Orkney, 1983*. Report to the Nature Conservancy Council.
- Walther, C.M. 1998. Black Guillemot nesting on an operational car ferry. *Scottish Birds* 19: 301-302.
- Walther, C.M. 2005. Black Guillemot breeding in the Clyde sea lochs. *The Seabird Group Newsletter* 99: 7-9.
- Walton, P. 2004. *Intraspecific variation in foraging and breeding parameters in seabirds*. Unpublished PhD thesis, University of Glasgow.
- Winn, H.E. 1950. The Black Guillemots of Kent Island, Bay of Fundy. *Auk* 67: 477-485.
- Zonfrillo, B. & Nogales, M. 1992. First breeding of Shelduck and Black Guillemot on Ailsa Craig. *Glasgow Naturalist* 22: 197-198.

256 Little Auk (37)

- Angus, W.C. 1897. The Little Auk (*Mergulus alle*, Linn.). *Proceedings and Transactions of the Natural History Society of Glasgow* 4 (New Series): 241-243.
- Anon. 1912b. The Little Auk visitation of 1911-1912. *Scottish Naturalist* 1912: 77-81.
- Anon. 1989a. European news. *British Birds* 82: 14-25.
- Baikie, W.B. & Heddle, R. 1848. *Naturalis Orcadensis. Zoology. Part I. Being a Catalogue of the Mammalia and Birds hitherto Observed in the Orkney Islands*. J. & W. Patterson, Edinburgh.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Bourne, W.R.P. 1968. Arctic auks on the Scottish coast. *Scottish Birds* 5: 104-107.
- British Ornithologists' Union (BOU). 1971. *The Status of Birds in Britain and Ireland*. Blackwell Scientific Publications, Oxford.
- British Ornithologists' Union (BOU). 1993b. British Ornithologists' Union Records Committee: 19th Report (May 1993). *Ibis* 135: 493-499.
- Camphuysen, C.J. & Leopold, M. 1996. Invasies van de Kleine Alk, *Alle alle*: voorkomen een achtergronden. *Sula* 10: 169-182.
- Checkley, G. & Leven, M.R. 1984. The wreck of auks and other seabirds in the Forth, February 1983. *Lothian Bird Report* 1983: 79-82.
- Clarke, W.E. 1895. On the recent visitation of the Little Auk (*Mergulus alle*) to Scotland. *Annals of Scottish Natural History* 1895: 97-108.
- Clugston, D.L., Forrester, R.W., McGowan, R.Y., Zonfrillo, B. on behalf of the Scottish Birds Records Committee. 2001. The Scottish List - species and subspecies. *Scottish Birds* 22: 33-49.
- Coates, H., Kirk, C. & Nicholson, W.A. 1915. The recent irruption of Little Auk (*Alle alle*) in Scotland. *Scottish Naturalist* 1915: 22-23.
- Gibson, J.A. 1957c. Little Auk inland in Renfrewshire. *Scottish Naturalist* 1957: 56-57.
- Harvie-Brown, J.A. & Clarke, W.E. 1894b. Little Auk (*Alle alle*) in the Outer Hebrides in summer. *Annals of Scottish Natural History* 1894: 55.
- Heath, M., Boyle, P.R., Gislason, A., Gurney, W., Hay, S.J., Head, E.J.H., Holmes, S., Ingvarsottir, A., Jonasottir, S.H., Lindeque, P., Pollard, R.T., Rasmussen, J., Richards, K., Richardson, K., Smerdon, G. & Speirs, D. 2004. Comparative ecology of overwintering *Calanus finmarchicus* in the northern North Atlantic, and implications for life cycle patterns. *ICES Journal of Marine Science* 61: 698-708.
- Heubeck, M., Meek, E. & Suddaby, D. 1992. The occurrence of dead auks Alcidae on beaches in Orkney and Shetland, 1976-1991. *Sula* 6: 1-18.
- Heubeck, M. & Suddaby, D. 1991. Post-mortem examination of Little Auks *Alle alle*, Shetland, December 1990. *Seabird* 13: 51-53.
- Innes, M. 1990. The movement of auks off Peterhead, Grampian. *North-East Scotland Bird Report* 1989: 49-56.
- Isaksen, K. & Bakken, V. 1996. Migration routes and wintering areas of Little Auks *Alle alle* ringed on Svalbard. *Sula* 10: 229-238.
- Knox, A.G. 1993. Richard Meinertzhagen – a case of fraud examined. *Ibis* 135: 320-325.
- Macdonald, D. 1962a. Little Auk in summer in south-east Sutherland. *Scottish Birds* 2: 199.
- Mackie, T.T. & Bartholomew, J. 1915. Irruption of Little Auks. *Scottish Naturalist* 1915: 95.
- Madden, H., Beare, D.J., Heath, M.R., Fraser, J.G. & Gallego, A. 1999. The spring/early summer distribution of *Calanus* spp. in the northern North Sea and adjacent areas. *Fisheries Oceanography* 8 (supplement): 138-152.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- Paterson, J. 1897c. Notes on the irruption of Little Auks (*Mergulus alle*, Linn.) in the winter of 1894-5 on the west coast of Scotland - Oban to Ayr. *Proceedings and Transactions of the Natural History Society of Glasgow* 4 (New Series): 195-198.
- Pennant, T. 1771. *A Tour in Scotland 1769*. John Monk, Chester.
- Pollock, C., Reid, J.B. & White, R. 1996. The occurrence of Little Auks off the east coast of Britain. *Sula* 10: 239-246.
- Sealy, S.G. & Carter, H.R. 2004. Inland occurrences of Dovekies in September in Northeastern North America. *Northeastern Naturalist* 11: 375-382.
- Sibley, D. 2000. *The North American Bird Guide*. Pica Press, Robertsbridge.
- Smith, B. 1984. Birds in Orcadian prehistory. In: Booth, C., Cuthbert, M. & Reynolds, P. (eds) *The Birds of Orkney*. The Orkney Press, Stromness.
- Stempniewicz, L., Skakuj, M. & Iliszko, L. 1996. The Little Auk *Alle alle polaris* of Franz Josef Land: a comparison with Svalbard *Alle a. alle* populations. *Polar Research* 15: 1-10.
- Stenhouse, I.J. & Monteverecchi, W.A. 1996. Winter distribution and wrecks of Little Auks (Dovekies) *Alle alle* in the Northwest Atlantic. *Sula* 10: 219-228.
- Stone, C.J., Webb, A., Barton, C., Ratcliffe, N., Reed, T.C., Tasker, M.L., Camphuysen, C.J. & Pienkowski, M.W. 1995b. *An Atlas of Seabird Distribution in North-west European Waters*. Joint Nature Conservation Committee, Peterborough.
- Stone, C.J., Webb, A. & Tasker, M.L. 1995a. The distribution of auks and Procellariiformes in north-west European waters in relation to depth of sea. *Bird Study* 42: 50-56.

Underwood, L.A. & Stowe, T.J. 1984. Massive wreck of seabirds in eastern Britain, 1983. *Bird Study* 31: 79-88.
Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.

257 Atlantic Puffin (25)

- Bakken, V., Runde, O. & Tjørve, E. 2003. *Norsk Ringmerkingsatlas [Norwegian Ringing Atlas]*. Volume 1. Stavanger Museum, Stavanger.
- Boddington, D. 1960. Unusual mortality of young puffins on St Kilda, 1959. *Scottish Birds* 1: 218-220.
- Bourne, W.R.P. 1968. Arctic auks on the Scottish coast. *Scottish Birds* 5: 104-107.
- Brooke, M.d.L., Douse, A., Haysom, S., Jones, F.C. & Nicolson, A. 2002. The Atlantic Puffin population of the Shiant Islands, 2000. *Scottish Birds* 23: 22-26.
- Cramp, S., Bourne, W.R.P. & Saunders, D. 1974. *The Seabirds of Britain and Ireland*. Collins, London.
- Flegg, J.J.M. 1972. The Puffin on St Kilda, 1969-71. *Bird Study* 19: 7-17.
- Harris, M.P. 1977. Puffins on the Isle of May. *Scottish Birds* 9: 285-290.
- Harris, M.P. 1982. The breeding seasons of British Puffins. *Scottish Birds* 12: 11-17.
- Harris, M.P. 1984. *The Puffin*. T. & A.D. Poyser, Calton.
- Harris, M.P. 1985. Morphology and breeding of puffins at Isle of May and St Kilda, Scotland. *Biological Conservation* 32: 81-97.
- Harris, M.P., Heubeck, M. & Suddaby, D. 1991. Results of an examination of Puffins *Fratercula arctica* washed ashore in Shetland in winter 1990-91. *Seabird* 13: 63-66.
- Harris, M.P., Murray, S. & Wanless, S. 1998. Long-term changes in breeding performance of Puffins *Fratercula arctica* on St Kilda. *Bird Study* 45: 371-374.
- Harris, M.P., Wanless, S., Murray, S., Leitch, A. & Wilson, L.J. 2003b. Counts of Atlantic Puffins *Fratercula arctica* in the Firth of Forth, south-east Scotland in 2003. *Atlantic Seabirds* 5: 101-110.
- Innes, M. 1990. The movement of auks off Peterhead, Grampian. *North-East Scotland Bird Report* 1989: 49-56.
- Lloyd, C.S., Tasker, M.L. & Partridge, K. 1991. *The Status of Seabirds in Britain and Ireland*. T. & A.D. Poyser, London.
- Lowther, P.E., Diamond, A.W., Kress, S.W., Robertson, G.J. & Russell, K. 2002. Atlantic Puffin (*Fratercula arctica*). In: Poole, A. & Gill, F. (eds) *The Birds of North America*. Volume 709. The Birds of North America Inc., Philadelphia, PA.
- McWilliam, J.M. 1936. *The Birds of the Firth of Clyde*. H.F. & G. Witherby, London.
- Moen, S.M. 1991. Morphological and genetic variation among breeding colonies of the Atlantic Puffin (*Fratercula arctica*). *Auk* 108: 755-763.
- Pollock, C.M., Mavor, R., Weir, C.R., Reid, A., White, R.W., Tasker, M.L., Webb, A. & Reid, J.B. 2000. *The distribution of seabirds and marine mammals in the Atlantic Frontier, north and west of Scotland*. Joint Nature Conservation Committee, Aberdeen.
- Sangster, G., Collinson, J.M., Helbig, A.J., Knox, A.G. & Parkin, D.T. 2005. Taxonomic recommendations for British birds: third report. *Ibis* 147: 821-826.
- Stapp, P. 2002. Stable isotopes reveal evidence of predation by ship rats on seabirds on the Shiant Islands. *Journal of Applied Ecology* 39: 831-840.
- Stone, C.J., Webb, A., Barton, C., Ratcliffe, N., Reed, T.C., Tasker, M.L., Camphuysen, C.J. & Pienkowski, M.W. 1995b. *An Atlas of Seabird Distribution in North-west European Waters*. Joint Nature Conservation Committee, Peterborough.
- Underwood, L.A. & Stowe, T.J. 1984. Massive wreck of seabirds in eastern Britain, 1983. *Bird Study* 31: 79-88.
- Wanless, S., Wright, P.J., Harris, M.P. & Elston, D.A. 2004. Evidence for decrease in size of lesser sandeels *Ammodytes marinus* in a North Sea aggregation over a 30-year period. *Marine Ecology Progress Series* 279: 237-246.
- Zonfrillo, B. 2002. Puffins return to Ailsa Craig. *Scottish Bird News* 66: 1-2.

258 Pallas's Sandgrouse (14)

- Arnott, J.M.S. 1976. Isle of May Bird Observatory and Field Station Report for 1975. *Scottish Birds* 9: 93-102.
- Binning Lord. 1866. On the birds of East Lothian and Berwickshire. *Proceedings of the Natural History Society of Glasgow* 1: 150-152.
- Eggeling, W.J. 1960a. *The Isle of May: a Scottish nature reserve*. Oliver & Boyd, Edinburgh & London.
- Evans, W. 1889. Notes on Pallas's Sand-grouse (*Syrrhaptes paradoxus*) in Scotland during the recent great westward movement of the species. *Proceedings of the Royal Physical Society of Edinburgh* 10: 106-126.
- Gray, R. 1872a. Letter on Pallas's Sandgrouse at Girvan. *Ibis* 1872: 335-336.
- Harvie-Brown, J.A. & Buckley, T.E. 1892. *A Vertebrate Fauna of Argyll and the Inner Hebrides*. David Douglas, Edinburgh.
- Holbourn, J.G. & Gear, M. 1970. Pallas's Sandgrouse in Shetland. *Scottish Birds* 6: 204-209.
- Macpherson, H.A. 1889. *The Visitation of Pallas's Sand-Grouse to Scotland in 1888*. R.H. Porter, London.
- Newton, A. 1864. On the irruption of Pallas's Sand-Grouse (*Syrrhaptes paradoxus*) in 1863. *Ibis* 1864: 185-222.

- Newton, A. 1890. On the young of Pallas's Sandgrouse (*Syrrhaptes paradoxus*). *Ibis* 1890: 207-214.
- Osborn, K. & Suddaby, D. 1990. Pallas's Sandgrouse in Shetland. *Birding World* 3: 161-163.
- Saxby, H.L. 1864. Pallas' Sand Grouse in Shetland. *Zoologist* 22: 8888-8889.
- Sim, G. 1888. Pallas' Sand Grouse (*Syrrhaptes paradoxus*). *Scottish Naturalist* 1888: 297.
- Smith, J.A. 1864. Ornithological notes. 2. *Syrrhaptes paradoxus*. *Proceedings of the Royal Physical Society of Edinburgh* 3: 178-181.

259 Rock Pigeon (13)

- Bannerman, D.A. 1959. *The Birds of the British Isles*. Volume 8. Oliver & Boyd, Edinburgh.
- BirdLife International. 2004a. *Birds in Europe: population estimates, trends and conservation status*. BirdLife Conservation Series No. 12. BirdLife International, Cambridge.
- Gibbs, D., Barnes, E. & Cox, J. 2001. *Pigeons and Doves: a guide to the pigeons and doves of the world*. Pica Press, Robertsbridge.
- Goodwin, D. 1970. *Pigeons and Doves of the World*. 2nd Edition. British Museum (Natural History), London.
- Goodwin, D. 1976. On some characters of Rock and Feral Pigeons, *Columba livia*. *Pigeon Genetics Newsletter* 2: 9-14.
- Goodwin, D. 1981. Some personal notes on Rock Pigeons. *Avicultural Magazine* 87: 19-33.
- Hewson, R. 1967b. The Rock Dove in Scotland in 1965. *Scottish Birds* 4: 359-371.
- Lees, J. 1946. All the year breeding of the Rock-Dove. *British Birds* 39: 136-141.
- Murton, R.K. & Clarke, S.P. 1968. Breeding biology of Rock Doves. *British Birds* 61: 429-448.
- Murton, R.K. & Westwood, N.J. 1966. The foods of the Rock Dove and Feral Pigeon. *Bird Study* 13: 130-146.
- Petersen, N.F. & Williamson, K. 1949. Polymorphism and breeding of the Rock Dove in the Faeroe Islands. *Ibis* 91: 17-23.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Riddle, G. 1971. The breeding season in a rural colony of Feral Pigeons. *Scottish Birds* 6: 321-329.

260 Stock Pigeon (28)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Anon. 1952b. Five successive broods in Stock-dove's nest. *Scottish Naturalist* 1952: 179.
- Bartholomew, J. 1953. Five successive broods in Stock-dove's nest. *Scottish Naturalist* 1953: 195.
- Buckley, T.E. 1902a. Stock Dove in Caithness. *Annals of Scottish Natural History* 1902: 53.
- Clarke, W.E. 1914a. On some rare and interesting migratory birds observed at the Orcadian island of Auskerry in the autumn of 1913. *Scottish Naturalist* 1914: 5-8.
- Cook, M. 1992. *The Birds of Moray and Nairn*. The Mercat Press, Edinburgh.
- Dennis, R. 1984. *Birds of Badenoch and Strathspey*. Roy Dennis Enterprises, North Kessock.
- Dewar, T.F. 1894. Stock Dove (*Columba ænas*) in Forfarshire. *Annals of Scottish Natural History* 1894: 115.
- Evans, W. 1886b. Notes on the occurrence of the Stock Dove and White Wagtail in East Lothian. *Proceedings of the Royal Physical Society of Edinburgh* 9: 186.
- Evans, W. 1896b. Nesting of the Stock Dove on the Pentland Hills, etc. *Annals of Scottish Natural History* 1896: 253.
- Gibbs, D., Barnes, E. & Cox, J. 2001. *Pigeons and Doves: a guide to the pigeons and doves of the world*. Pica Press, Robertsbridge.
- Harvie-Brown, J.A. 1883a. On the Stockdove (*Columba ænas*) with remarks upon its extension of range in Great Britain. *Proceedings of the Royal Physical Society of Edinburgh* 7: 241-254.
- Harvie-Brown, J.A. 1894a. On the distribution of the Stock Dove (*Columba ænas*) in Scotland. *Annals of Scottish Natural History* 1894: 3-8.
- Harvie-Brown, J.A. 1894b. Stock Dove (*Columba ænas*) in Shetland. *Annals of Scottish Natural History* 1894: 55.
- Harvie-Brown, J.A. & Buckley, T.E. 1895. *A Vertebrate Fauna of the Moray Basin*. Two volumes. David Douglas, Edinburgh.
- Hinxman, L.W. 1892. Nesting of the Stock Dove (*Columba ænas*, L.) in Banffshire. *Annals of Scottish Natural History* 1892: 269.
- Jardine, D.C. 2000a. Stock Doves breeding in Cropton Forest, North Yorkshire. *Naturalist* 125: 93-98.
- Jourdain, F.C.R. 1930. First record of Stock Dove breeding in Bute. *Scottish Naturalist* 1930: 126.
- Laidlaw, T.G. 1895. The Stock Dove nesting in Peeblesshire. *Annals of Scottish Natural History* 1895: 196.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- Marshall, E.S. 1894. The Stock Dove (*Columba ænas*) in west Ross-shire. *Annals of Scottish Natural History* 1894: 115.
- O'Connor, R.J. & Mead, C.J. 1984. The Stock Dove in Britain, 1930-80. *British Birds* 77: 181-201.
- O'Connor, R.J. & Shrubb, M. 1986a. *Farming and Birds*. Cambridge University Press, Cambridge.
- O'Connor, R.J. & Shrubb, M. 1986b. Recent changes in bird populations in relation to farming practices in England and Wales. *Journal of the Royal Agricultural Society* 147: 132-141.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO,

Thetford.

- Rintoul, L.J. & Baxter, E.V. 1935. *A Vertebrate Fauna of Forth*. Oliver & Boyd, Edinburgh & London.
Simpson, J.R. 1925. Stock Dove's nest under a bridge. *Scottish Naturalist* 1925: 108.
Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.

261 Common Wood Pigeon (27)

- Alerstam, T. 1990. *Bird Migration*. Cambridge University Press, Cambridge.
Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
Anon. 1963a. Current notes. *Scottish Birds* 2: 369-384.
Austin, W. & Stewart, I.F. 1957. Wood-Pigeon nesting in a barn. *Scottish Naturalist* 1957: 187.
Bartholomew, J. 1923. Young Wood-pigeons in February. *Scottish Naturalist* 1923: 46.
Binning Lord. 1870. Notes on the food of the Wood Pigeon. *Proceedings of the Natural History Society of Glasgow* 2: 39-45.
BirdLife International. 2004a. *Birds in Europe: population estimates, trends and conservation status*. BirdLife Conservation Series No. 12. BirdLife International, Cambridge.
Colquhoun, M.K. 1951. *The Wood-pigeon in Britain*. HMSO, London.
Falsterbo Bird Observatory. 2004. Falsterbo Bird Observatory. www.skof.se/fbo. Accessed on 27 March 2006.
Gibbs, D., Barnes, E. & Cox, J. 2001. *Pigeons and Doves: a guide to the pigeons and doves of the world*. Pica Press, Robertsbridge.
Gray, R. 1870b. On the natural history of the Wood Pigeon (*Columba palumbus*), with remarks on its extraordinary increase of late years throughout the agricultural districts of Scotland. *Proceedings of the Natural History Society of Glasgow* 2: 39.
Hale, J.R. 1909. Increase of Wood-Pigeons in Orkney. *British Birds* 2: 345.
Haynes, P.J., Inglis, I.R., Isaacson, T.J. & Fryday, S.L. 2003. Woodpigeon *Columba palumbus* movements in eastern England. *Bird Study* 50: 33-38.
Inglis, I.R., Isaacson, A.J., Thearle, R.J.P. & Westwood, N.J. 1990. The effects of changing agricultural practice upon Woodpigeon *Columba palumbus* numbers. *Ibis* 132: 262-272.
Kennedy, E. 1905. Movements of Wood-pigeons into Easter Ross. *Annals of Scottish Natural History* 1905: 118-119.
Lane, A.B. 1984. An enquiry into the responses of growers to attacks by pests on oilseed rape (*Brassica napus*), a relatively new crop in the United Kingdom. *Protection Ecology* 7: 73-78.
Murton, R.K. 1958. The breeding of Woodpigeon populations. *Bird Study* 5: 157-183.
Murton, R.K. 1965. *The Woodpigeon*. Collins, London.
Murton, R.K. & Isaacson, A.J. 1964. Production and egg predation in the Woodpigeon. *Ardea* 52: 30-47.
Murton, R.K., Isaacson, A.J. & Westwood, N.J. 1963. The food and growth of nestling wood-pigeons in relation to the breeding season. *Proceedings of the Zoological Society of London* 141: 747-782.
Murton, R.K. & Ridpath, M.G. 1962. The autumn movements of the Woodpigeon. *Bird Study* 9: 7-41.
Murton, R.K., Westwood, N.J. & Isaacson, A.J. 1964. The feeding habits of the Woodpigeon *Columba palumbus*, Stock Dove *C. oenas* and Turtle Dove *Streptopelia turtur*. *Ibis* 106: 174-188.
Parslow, J.L.F. 1973. *Breeding Birds in Britain and Ireland: a historical survey*. T. & A.D. Poyser, Berkhamsted.
Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
Rintoul, L.J. & Baxter, E.V. 1935. *A Vertebrate Fauna of Forth*. Oliver & Boyd, Edinburgh & London.
Simms, E. 1971. *Woodland Birds*. Collins, London.
Tait, T. 1903. Wood Pigeon's nest on ground. *Annals of Scottish Natural History* 1903: 186.

262 Eurasian Collared Dove (28)

- Adam, A. 1958. Collared Doves in Morayshire. *Scottish Birds* 1: 37.
Adam, A., Crawford, W., Hewson, R., Raffan, A. & Richter, R. 1957. Collared Doves nesting in Scotland. *Scottish Naturalist* 1957: 188-189.
Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
Balfour, E., Pennie, I.D. & Macdonald, D. 1962. Collared Doves in Orkney and Easter Ross. *Scottish Birds* 2: 247.
Barbier, P.G.R. 1960. Collared Doves in Fife. *Scottish Birds* 1: 189-190.
BirdLife International. 2004a. *Birds in Europe: population estimates, trends and conservation status*. BirdLife Conservation Series No. 12. BirdLife International, Cambridge.
Booth, C.G. 1980b. Status of Collared Dove in Islay. *Scottish Birds* 11: 120-121.
Cunningham, W.A.J. 1963. Collared Doves breeding in Lewis. *Scottish Birds* 2: 309-310.
Fisher, J. 1953. The Collared Turtle Dove in Europe. *British Birds* 46: 153-181.
Gibbs, D., Barnes, E. & Cox, J. 2001. *Pigeons and Doves: a guide to the pigeons and doves of the world*. Pica Press, Robertsbridge.
Hudson, R. 1965. The spread of the Collared Dove in Britain and Ireland. *British Birds* 58: 105-139.
Hudson, R. 1972. Collared Doves in Britain and Ireland during 1965-70. *British Birds* 65: 139-155.

- Hughes Onslow, G. 1959. Collared Doves in Ayrshire. *Scottish Birds* 1: 125-126.
- Macdonald, D. 1967b. Some breeding notes on the Collared Dove. *Scottish Birds* 4: 374-375.
- Macdonald, D. 1977a. Predation on nesting Collared Doves. *Bird Study* 24: 126.
- Macdonald, D. 1984. Notes on the Collared Dove in south-east Sutherland. *Scottish Birds* 13: 48-51.
- Macmillan, A.T. 1961. The Collared Dove in Scotland. *Scottish Birds* 1: 480-489.
- Macmillan, A.T. 1965b. The Collared Dove in Scotland. *Scottish Birds* 3: 292-301.
- Macmillan, A.T. 1966. The Collared Dove in Scotland - some first records. *Scottish Birds* 4: 309.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- Nethersole-Thompson, D. & Watson, A. 1981. *The Cairngorms: their natural history and scenery*. 2nd Edition. The Melven Press, Perth.
- Pétursson, G. & Þráinsson, G. 1999. Sjaldgæfir fuglar á Íslandi fyrir 1981 [Rare birds in Iceland]. *Fjolrit Natturufraedistofnunar* 37.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Russell, H.M. 1962. Collared Doves in Dumfries-shire. *Scottish Birds* 2: 199.
- Smith, P.W. 1987b. The Eurasian Collared Dove arrives in the Americas. *American Birds* 41: 1371-1379.
- Stuart, J.A. 1960. Collared Doves in Perthshire. *Scottish Birds* 1: 237.
- Thorpe, A.W. 2001. *North Sea Bird Club 21st Anniversary Report*. North Sea Bird Club, Aberdeen.
- Wormell, P. & Cunningham, W.A.J. 1961. Collared Doves in Rhum and Lewis. *Scottish Birds* 1: 379.

263 European Turtle Dove (18)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Bannerman, D.A. 1959. *The Birds of the British Isles*. Volume 8. Oliver & Boyd, Edinburgh.
- Baxter, E.V. 1948. A century's changes in Scottish ornithology. *Scottish Naturalist* 1948: 11-19.
- Berry, W. 1930. Turtle Doves in Argyll, Fife and Midlothian. *Scottish Naturalist* 1930: 30.
- Browne, S.J. & Aebsicher, N.J. 2001. *The Role of Agricultural Intensification in the Decline of the Turtle Dove Streptopelia turtur*. English Nature Research Report Number 421. English Nature, Peterborough.
- Browne, S.J. & Aebsicher, N.J. 2003. Habitat use, foraging ecology and diet of Turtle Doves *Streptopelia turtur* in Britain. *Ibis* 145: 572-582.
- Browne, S.J. & Aebsicher, N.J. 2004. Temporal changes in the breeding ecology of European Turtle Doves *Streptopelia turtur* in Britain, and implications for conservation. *Ibis* 146: 125-137.
- Gibbs, D., Barnes, E. & Cox, J. 2001. *Pigeons and Doves: a guide to the pigeons and doves of the world*. Pica Press, Robertsbridge.
- Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.
- Holt, P. & Elliot, W.J. 1958. Turtle Dove breeding in East Lothian. *Edinburgh Bird Bulletin* 8: 88.
- Hull, R. 2001. *Scottish Birds, Culture and Tradition*. Mercat Press, Edinburgh.
- Mead, C. 2000. *The State of the Nation's Birds*. Whittet Books, Stowmarket.
- Murray, R. 1986. *The Birds of the Borders*. Scottish Ornithologists' Club, Borders Branch, Penicuik.
- Murton, R.K. 1968. Breeding, migration and survival of Turtle Doves. *British Birds* 61: 193-212.
- Rintoul, L.J. & Baxter, E.V. 1935. *A Vertebrate Fauna of Forth*. Oliver & Boyd, Edinburgh & London.
- Saxby, H.L. 1874. *The Birds of Shetland*. MacLachlan & Stewart, Edinburgh.
- Sibbald, R. 1684. *Scotia Illustrata, sive Prodromus Historia Naturalis*. J. Kniblo, J. Solingensis & J. Colmarii, Edinburgh.
- Smith, A.J.M. 1959a. Turtle Doves in Aberdeenshire. *Scottish Birds* 1: 72.

264 Oriental Turtle Dove (8)

- Bishop, J. & Gray, M. 2002. The Rufous Turtle Dove in Orkney. *Birding World* 15: 501-505.
- Broad, R.A. 1978a. Rufous Turtle Dove at Fair Isle. *Scottish Birds* 10: 55-56.
- Dillon, I. 2003a. Rufous Turtle Dove, Stromness, Orkney 20th November-21st December 2002. *Birding Scotland* 6: 10-14.
- Gibbs, D., Barnes, E. & Cox, J. 2001. *Pigeons and Doves: a guide to the pigeons and doves of the world*. Pica Press, Robertsbridge.
- Hewitt, R. 2003. Mainland Scotland's first Rufous Turtle Dove? *Birding Scotland* 6: 15.
- Hirschfeld, E. 1992. Identification of Rufous Turtle Dove. *Birding World* 5: 52-57.
- Jännes, H. 1995. Rufous Turtle Dove. *Alula* 1: 56-65.
- Money, N. 2003. The Rufous Turtle Dove in Caithness. *Birding World* 16: 498-499.

265 Mourning Dove (7)

- Atkinson, N.K. 1984. Transportation of Mourning Dove nest to Montrose. *Scottish Birds* 13: 51-52.

- Gibbs, D., Barnes, E. & Cox, J. 2001. *Pigeons and Doves: a guide to the pigeons and doves of the world*. Pica Press, Robertsbridge.
- Pétursson, G. 1996. Tregadífa í Vestmannaeyjum. Mourning Dove *Zanaida macroura*: new to Iceland. *Bliki* 17: 27-28.
- Rabbitts, B. 1999. The Mourning Dove on the Outer Hebrides. *Birding World* 12: 453.
- Rabbitts, B. 2000b. Mourning Dove, Outer Hebrides – the first record for Scotland. *Birding Scotland* 3: 40-41.
- Sapsford, A. 1990. Mourning Dove - a new Western Palearctic Bird. *Birding World* 3: 64.
- Sapsford, A. 1996. Mourning Dove in the Isle of Man: new to the Western Palearctic. *British Birds* 89: 157-161.

266 Great Spotted Cuckoo (1)

- Balfour, E. 1959c. Great Spotted Cuckoo in Orkney. *Scottish Birds* 1: 152-153.

267 Common Cuckoo (30)

- BirdLife International. 2004a. *Birds in Europe: population estimates, trends and conservation status*. BirdLife Conservation Series No. 12. BirdLife International, Cambridge.
- Bolam, G. 1896a. A list of the birds of Berwick-on-Tweed, with special reference to "The Birds of Berwickshire", and notices of the occurrence of some of the rarer species in the adjoining districts. *Annals of Scottish Natural History* 1896: 76-93.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Brooke, M.d.L. & Davies, N.B. 1987. Recent changes in host usage by cuckoos *Cuculus canorus* in Britain. *Journal of Animal Ecology* 56: 873-883.
- Clarke, W.E. 1920c. Cuckoo's egg in a Song-thrush's nest. *Scottish Naturalist* 1920: 154.
- Cunningham, W.A.J. 1962. The Stornoway Woods. *Scottish Birds* 2: 89-96.
- Davies, N.B. & Brooke, M. 1991. Coevolution of the Cuckoo and its hosts. *Scientific American* 264: 92-98.
- Dixon, J.H. 1886. *Gairloch in north-west Ross-shire, its records, traditions, inhabitants and natural history*. Co-operative Printing Company Ltd, Edinburgh.
- Eggeling, W.J. 1974. The birds of the Isle of May - a revised assessment of status. *Scottish Birds* 8 (supplement): 93-148.
- Gibbs, H.L., Sorenson, M.D., Marchetti, K., Brooke, M.d.L., Davies, N.B. & Nakamura, H. 2000. Genetic evidence for female host-specific races of the common cuckoo. *Nature* 407: 183-186.
- Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.
- Glue, D.E. & Morgan, R. 1972. Cuckoo hosts in British habitats. *Bird Study* 19: 187-192.
- Godfrey, R. 1897b. Cuckoo in Shetland. *Annals of Scottish Natural History* 1897: 250-251.
- Harvie-Brown, J.A. 1908a. An invasion of Cuckoos. *Annals of Scottish Natural History* 1908: 181-182.
- Hay, L.C. 1918. Cuckoo reared in a window-box. *Scottish Naturalist* 1918: 94-95.
- Kirk, C. 1912. Cuckoo reared by Rock-Pipits at Ailsa Craig. *Scottish Naturalist* 1912: 235.
- Laidlaw, T.G. 1920. Cuckoo's eggs in the nest of Common Sandpiper. *Scottish Naturalist* 1920: 70.
- Lees, J. 1956. Cuckoo in East Ross in winter. *Scottish Naturalist* 1956: 118.
- Longstaff, T.G. 1948. Evening flight of young Cuckoo. *Scottish Naturalist* 1948: 52-53.
- Macdowall, E.L. 1893. Cuckoos (*Cuculus canorus*) and caterpillars. *Annals of Scottish Natural History* 1893: 183.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- Marchetti, K., Nakamura, H. & Gibbs, H.L. 1998. Host race formation in the common cuckoo. *Science* 282: 471-472.
- McDougall, D. 1983. Cuckoo eating young amphibians. *Scottish Birds* 12: 162-163.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Rose, L.N. 1982. Breeding ecology of British pipits and their Cuckoo parasite. *Bird Study* 29: 27-40.
- Russell, G.R. 1930a. Flocks of Cuckoos on migration. *Scottish Naturalist* 1930: 94.
- Skjelseth, S., Moksnes, A., Røskaft, E., Gibbs, H.L., Taborsky, M., Taborsky, B., Honza, M. & Kleven, O. 2004. Parentage and host preference in the common cuckoo *Cuculus canorus*. *Journal of Avian Biology* 35: 21-24.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
- Wyllie, I. 1981. *The Cuckoo*. B.T. Batsford, London.
- Yapp, W.B. 1974. Birds of the northwest Highland birchwoods. *Scottish Birds* 8: 16-31.

268 Black-billed Cuckoo (4)

- Palmar, C.E. & Robertson, T. 1951. Black-billed Cuckoo in Kintyre. *Scottish Naturalist* 1951: 131-132.
- Sims, R.W. 1953. The Black-billed Cuckoo in the Shetlands. *Scottish Naturalist* 1953: 196.
- Thorpe, A.W. 2001. *North Sea Bird Club 21st Anniversary Report*. North Sea Bird Club, Aberdeen.
- Williamson, K. 1954d. American birds in Scotland in autumn and winter, 1953-54. *Scottish Naturalist* 1954: 13-29.

269 Yellow-billed Cuckoo (7)

- Gathorne-Hardy, A.E. 1914. *My Happy Hunting Grounds*. Longmans, Green & Co., London.
- Gladstone, H.S. 1910c. American Yellow-billed Cuckoo (*Coccyzus americanus*) in Argyllshire. *Annals of Scottish Natural History* 1910: 184.
- Henderson, T. & Venables, L.S.V. 1953. Yellow-billed Cuckoo in Shetland. *British Birds* 46: 218.
- Mylne, C.K. 1953. Yellow-billed Cuckoo at Montrose. *Scottish Naturalist* 1953: 196-197.
- Mylne, C.K. 1954. Yellow-billed Cuckoo in Angus. *British Birds* 47: 172-173.
- Stephen, A.C. 1937. Two rare American birds in Scotland. *Scottish Naturalist* 1937: 46.
- Williamson, K. 1954d. American birds in Scotland in autumn and winter, 1953-54. *Scottish Naturalist* 1954: 13-29.

270 Barn Owl (38)

- Anderson, A. 1955. Barn Owls in Aberdeenshire. *Scottish Naturalist* 1955: 114-115.
- Baker, G.B. 1934. *The Barn Owl in England and Wales*. RSPB, London.
- Baxter, E.V. 1935a. Dark-breasted Barn Owl in Orkney. *Scottish Naturalist* 1935: 50.
- Bunn, D.S., Warburton, A.B. & Wilson, R.D.S. 1982. *The Barn Owl*. T. & A.D. Poyser, Calton.
- Callion, J. 1973. Barn Owls nesting close together. *Scottish Birds* 7: 260.
- Clarke, W.E. 1916. Notes on some Scottish birds observed in 1915: II. Continental Barn Owl in Shetland. *Scottish Naturalist* 1916: 76-77.
- Dickson, R.C. 1974. Barn Owl pellets from Wigtonshire. *Scottish Birds* 8: 78-79.
- Elder, H.F.D. 1935. Dark-breasted Barn Owl on the Isle of May. *Scottish Naturalist* 1935: 50.
- Evans, A.H. 1911a. *A Fauna of the Tweed Area*. David Douglas, Edinburgh.
- Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.
- Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
- Harvie-Brown, J.A. & Buckley, T.E. 1895. *A Vertebrate Fauna of the Moray Basin*. Two volumes. David Douglas, Edinburgh.
- Holmes, M. 1986. The Barn Owl: its current status in Argyll. *Argyll Bird Report* 3: 100-102.
- Honer, M.R. 1963. Observations on the Barn Owl (*Tyto alba guttata*) in the Netherlands in relation to its ecology and population fluctuations. *Ardea* 51: 158-195.
- Love, R.A., Webbon, C., Glue, D.E. & Harris, S. 2000. Changes in the food of British Barn Owls (*Tyto alba*) between 1974 and 1987. *Mammal Review* 30: 107-129.
- MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- McGhie, H. 2001. Diet of Barn Owls in East Ross and East Ness. *Scottish Birds* 22: 92-103.
- McGhie, H.A. 2000. Density and habitat associations of Barn Owls in East Ross. *Scottish Birds* 21: 88-97.
- Mikkola, H. 1983. *Owls of Europe*. T. & A.D. Poyser, Calton.
- Newton, I., Wyllie, I. & Asher, A. 1991. Mortality causes in British Barn Owls *Tyto alba* with a discussion of aldrin-dieldrin poisoning. *Ibis* 133: 162-169.
- Ogilvie, M.A. 1992. Barn Owls on Islay. *Argyll Bird Report* 8: 4-9.
- Osborn, K. 1999c. The Dark-breasted Barn Owl on Shetland. *Birding World* 12: 454-455.
- Pennie, I.D. 1962a. Barn Owls breeding in south-east Sutherland. *Scottish Birds* 2: 36.
- Percival, S.M. 1991b. Population trends in British Barn Owls - a review of some possible causes. *British Wildlife* 2: 131-140.
- Sandeman, P.W. 1934. Barn Owl nesting in a sea cave in the Outer Hebrides. *Scottish Naturalist* 1934: 170.
- Sauter, U. 1956. Beitrag zur Ökologie der Schleiereule (*Tyto alba*) nach den Ringfunden. *Die Vogelwarte* 18: 109-151.
- Shaw, G. 1994c. A ten year study of Barn Owl conservation in conifer forests. *Scottish Birds* 17: 187-191.
- Shaw, G. & Dowell, A. 1989. Breeding by closely related Barn Owls. *Ringing & Migration* 10: 98.
- Shaw, G. & Riddle, G.S. 2003. Comparative responses of barn owl (*Tyto alba*) and kestrel (*Falco tinnunculus*) to vole cycles in South-West Scotland. In: Thompson, D.B.A., Redpath, S.M., Fielding, A.H., Marquiss, M. & Galbraith, C.A. (eds) *Birds of Prey in a Changing Environment*. pp 131-136. The Stationery Office, Edinburgh.
- Shawyer, C.R. 1987. *The Barn Owl in the British Isles: its past, present and future*. Hawk Trust, London.
- Sibbald, R. 1684. *Scotia Illustrata, sive Prodromus Historia Naturalis*. J. Kniblo, J. Solingensis & J. Colmarii, Edinburgh.
- Taylor, I. 1994. *Barn Owls: predator-prey relationships and conservation*. Cambridge University Press, Cambridge.
- Taylor, I.R., Dowell, A., Irving, T., Langford, I.K. & Shaw, G. 1988b. The distribution and abundance of the Barn Owl *Tyto alba* in south-west Scotland. *Scottish Birds* 15: 40-43.
- Taylor, I.R. & Walton, A. 2003. Conservation of barn owls (*Tyto alba*) and the role of nest site provisioning in South Scotland. In: Thompson, D.B.A., Redpath, S.M., Fielding, A.H., Marquiss, M. & Galbraith, C.A. (eds) *Birds of Prey in a Changing Environment*. pp 417-426. The Stationery Office, Edinburgh.
- Toms, M.P., Crick, H.Q.P. & Shawyer, C.R. 2001. The status of breeding Barn Owls *Tyto alba* in the United Kingdom 1995-97. *Bird Study* 48: 23-37.

- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
 Weir, D.N. 1966a. An investigation into the recent decline of the Barn Owl on an Ayrshire estate. *Scottish Birds* 4: 214-218.

271 Eurasian Scops Owl (23)

- Anon. 1909. Current literature. *Annals of Scottish Natural History* 1909: 56-59.
 Balfour, E. 1965. Scops Owl in Orkney. *Scottish Birds* 3: 417-418.
 Bruce, R.S. 1933. Some notes on birds seen in Shetland. *Scottish Naturalist* 1933: 147-152.
 Clarke, W.E. 1900. Scops Owl in Shetland. *Annals of Scottish Natural History* 1900: 184.
 Clarke, W.E. 1901a. Scops Owl in Shetland. *Annals of Scottish Natural History* 1901: 116-117.
 Evans, W. 1908c. The Scops-Owl in Forth. *Annals of Scottish Natural History* 1908: 182-183.
 Greenaway, W.H. 1926. Scops Owl at Foula. *Scottish Naturalist* 1926: 68.
 Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
 Harvie-Brown, J.A. & Buckley, T.E. 1887. *A Vertebrate Fauna of Sutherland, Caithness and West Cromarty*. David Douglas, Edinburgh.
 Jackson, E.E. 1966. Birds of Foula. *Scottish Birds* 4: 1-60.
 Jones, F.H. 1954. Scops Owl in Shetland. *British Birds* 47: 244-245.
 König, C., Weick, F. & Becking, J.H. 1999. *Owls: a guide to the owls of the world*. Pica Press, Robertsbridge.
 Lyster, I.H.J. 1972. Scops Owl in Orkney. *Scottish Birds* 7: 55.
 Marshall, T. 2004c. 'Forties Delta' Scops Owl released at Strathbeg, June 2004. *Birding Scotland* 7: 105-106.
 Mikkola, H. 1983. *Owls of Europe*. T. & A.D. Poyser, Calton.
 Murray, A.A. 1998a. Scops Owl in Renfrewshire. *Birding Scotland* 1: 111.
 Murray, A.A. 1998b. Scops Owl in Renfrewshire. *Birding World* 11: 220-221.
 Nicolson, J. 2001. Scops Owl on Shetland, 14th May 2001. *Birding Scotland* 4: 128-129.
 Paton, E.R. 1908. Scops-Owl off Aberdeenshire. *British Birds* 2: 204.
 Saxby, T.E. 1906. Bird notes from Shetland. *Zoologist* 64: 35.
 Shaw, D. 2003a. Eurasian Scops Owl on Fair Isle, Shetland. *Birding Scotland* 6: 135-136.
 Sim, G. 1891b. Scops Owl in Aberdeenshire. *Scottish Naturalist* 1891: 192.
 Smith, J.A. 1854. Notice of Scops-Eared Owl (*Scops Androvandi*) shot in Sutherlandshire. *Proceedings of the Royal Physical Society of Edinburgh* 1: 4.

272 Snowy Owl (28)

- Anon. 1957. Snowy Owl in the Cairngorms in summer. *Scottish Naturalist* 1957: 57.
 Baikie, W.B. & Heddle, R. 1848. *Naturalis Orcadensis. Zoology. Part I. Being a Catalogue of the Mammalia and Birds hitherto Observed in the Orkney Islands*. J. & W. Patterson, Edinburgh.
 Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
 Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
 Coutts, D. 2002b. Close encounters with Snowy Owls. *Birding Scotland* 5: 146-149.
 Edmondston, L. 1822a. Observations on the Snowy Owl (*Strix Nyctea* Linn.). *Memoirs of the Wernerian Natural History Society* 4: 157-160.
 Evans, A.H. & Buckley, T.E. 1899. *A Vertebrate Fauna of the Shetland Islands*. David Douglas, Edinburgh.
 Gordon, S. 1927a. Snowy Owls seen in Inverness-shire. *British Birds* 21: 95.
 Gribble, F.C., Taylor, L.S., Booth, C.J. & Balfour, E. 1964. Snowy Owls in Aberdeenshire, Banff, Shetland and Orkney. *Scottish Birds* 3: 31-34.
 Harvie-Brown, J.A. & Buckley, T.E. 1888. *A Vertebrate Fauna of the Outer Hebrides*. David Douglas, Edinburgh.
 Henderson, R. & Henderson, T. 1895. Snowy Owl in Shetland. *Annals of Scottish Natural History* 1895: 195-196.
 MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
 Marquiss, M. & Cunningham, W.A.J. 1980. Food of Snowy Owls in Outer Hebrides. *Scottish Birds* 11: 56-57.
 Marquiss, M., Smith, R. & Galbraith, H. 1989. Diet of Snowy Owls on Cairn Gorm plateau in 1980 and 1987. *Scottish Birds* 15: 180.
 Mikkola, H. 1983. *Owls of Europe*. T. & A.D. Poyser, Calton.
 Nethersole-Thompson, D. & Watson, A. 1974. *The Cairngorms: their natural history and scenery*. Collins, London.
 Rabbits, B. 2003. Snowy Owl on North Uist. *Birding Scotland* 6: 157-158.
 Robinson, M. & Becker, C.D. 1986. Snowy Owls on Fetlar. *British Birds* 79: 228-242.
 Saxby, H.L. 1874. *The Birds of Shetland*. Maclachlan & Stewart, Edinburgh.
 Sim, G. 1903. *The Vertebrate Fauna of 'Dee'*. Wyllie, Aberdeen.
 Tewnion, A. 1953. The Snowy Owl: an Arctic bird in the Cairngorms. *Cairngorm Club Journal* 17: 25-27.
 Tulloch, R.J. 1965a. Snowy Owl in Shetland. *Scottish Birds* 3: 258-259.
 Tulloch, R.J. 1968a. Snowy Owls breeding in Shetland in 1967. *British Birds* 61: 119-132.
 Tulloch, R.J. 1969. Snowy Owls breeding in Shetland. *Scottish Birds* 5: 244-257.
 Tulloch, R.J. 1988. *Bobby Tulloch's Shetland: an islander, his islands and their wildlife*. Macmillan, London.

- van den Bos, S., Watson, A. & Watson, A. 1952. A Snowy Owl in the Cairngorms during summer. *Scottish Naturalist* 1952: 176-177.
- Watson, A. 1957a. The behaviour, breeding, and food-ecology of the Snowy Owl, *Nyctea scandiaca*. *Ibis* 99: 419-462.
- Watson, A. 1966. Hill birds of the Cairngorms. *Scottish Birds* 4: 179-203.

273 Northern Hawk Owl (10)

- British Ornithologists' Union (BOU). 1971. *The Status of Birds in Britain and Ireland*. Blackwell Scientific Publications, Oxford.
- Crotch, W.D. 1861. Birds of Shetland. *Zoologist* 19: 7706-7707.
- Dewar, D. 1863. Specimens exhibited. *Proceedings of the Natural History Society of Glasgow* 1: 81.
- Dresser, H.E. 1871. *A History of the Birds of Europe*. Zoological Society of London, London.
- Gray, R. 1868. Specimens exhibited. *Proceedings of the Natural History Society of Glasgow* 1: 235-236.
- Mikkola, H. 1983. *Owls of Europe*. T. & A.D. Poyser, Calton.
- Saunders, H. & Clarke, W.E. 1927. *Manual of British Birds*. 3rd Edition. Gurney & Jackson, London.
- Saxby, H.L. 1874. *The Birds of Shetland*. MacLachlan & Stewart, Edinburgh.
- Sim, G. 1899a. European Hawk-Owl in Aberdeenshire. *Annals of Scottish Natural History* 1899: 49.
- Sim, G. 1903. *The Vertebrate Fauna of 'Dee'*. Wyllie, Aberdeen.

274 Little Owl (26)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Anon. 1964. Current notes. *Scottish Birds* 3: 141-150.
- Baxter, E.V. & Rintoul, L.J. 1926. Report on Scottish ornithology in 1925. *Scottish Naturalist* 1926: 69-84, 99-126.
- Bell, J.P.F. 1924. The Little Owl in Berwickshire. *Scottish Naturalist* 1924: 76.
- Dicerbo, E. 1962. Little Owl in Dumfries-shire. *Scottish Birds* 2: 248.
- Dicerbo, E. 1965. Little Owls in Dumfriesshire. *Scottish Birds* 3: 314.
- Dickinson, H. 1969. Little Owl in Lanarkshire. *Scottish Birds* 5: 390.
- Douglas-Home, H. 1950. Little Owls in Berwickshire. *Scottish Naturalist* 1950: 125-126.
- Duncan, A.B. 1951. Little Owl in Dumfriesshire. *Scottish Naturalist* 1951: 189.
- Glue, D. 1973. Seasonal mortality in four small birds of prey. *Ornis Scandinavica* 4: 97-102.
- Glue, D.E. 1971. Ringing recovery circumstances of small birds of prey. *Bird Study* 18: 137-146.
- Glue, D.E. & Scott, D. 1980. Breeding biology of the Little Owl. *British Birds* 73: 167-180.
- Haverschmidt, F. 1946. Observations on the breeding habits of the Little Owl. *Ardea* 34: 214-246.
- Hibbert-Ware, A. 1936. Report on an investigation of the food of captive Little Owls. *British Birds* 29: 302-305.
- Hibbert-Ware, A. 1937. Report of the Little Owl food inquiry, 1936-37. *British Birds* 31: 162-187, 205-229, 249-264.
- Mikkola, H. 1983. *Owls of Europe*. T. & A.D. Poyser, Calton.
- Murray, R. 1986. *The Birds of the Borders*. Scottish Ornithologists' Club, Borders Branch, Penicuik.
- Murray, W. 1958d. Little Owl nesting in Scotland. *Scottish Birds* 1: 37-38.
- Sim, G. 1902. The Little Owl in Kincardineshire. *Annals of Scottish Natural History* 1902: 119.
- Sim, G. 1903. *The Vertebrate Fauna of 'Dee'*. Wyllie, Aberdeen.
- Somerville, R. 1912. On the occurrence of the Little Owl in Fife. *Scottish Naturalist* 1912: 225-226.
- Spencer, R. 1963. Report on bird-ringing for 1962. *British Birds* 56: 477-540.
- Waterston, G. 1951. Little Owl in East Lothian. *Scottish Naturalist* 1951: 189.
- Waterston, G. 1961. Little Owl in Midlothian. *Scottish Birds* 1: 453.
- Wheatley, I.S. 1969. Little Owls nesting in Midlothian. *Scottish Birds* 5: 287.
- Witherby, H.F. & Ticehurst, N.F. 1908. The spread of Little Owl from the chief centres of its introduction. *British Birds* 1: 335-342.

275 Tawny Owl (36)

- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Brito, P.H. 2005. The influence of Pleistocene glacial refugia on tawny owl genetic diversity and phylogeography in western Europe. *Molecular Ecology* 14: 3077-3094.
- Cooke, A.S., Bell, A.A. & Haas, M.B. 1982. *Predatory Birds, Pesticides and Pollutants*. Institute of Terrestrial Ecology, Cambridge.
- Cooke, A.S. & Farrell, L. 2001. Impact of muntjac deer (*Muntiacus reevesi*) at Monks Wood National Nature Reserve, Cambridgeshire, eastern England. *Forestry* 74: 241-250.
- Corbet, G.B. & Harris, S. 1991. *The Handbook of British Mammals*. 3rd Edition. Blackwell Scientific Publications, Oxford.
- Dowell, A. 1981. Tawny Owl nesting in an abandoned car. *Scottish Birds* 11: 196.
- Dowell, A. & Shaw, G. 1992. Barn Owls and Tawny Owls nesting close together. *British Birds* 85: 379.
- Flowerdew, J.R. & Ellwood, S.A. 2001. Impacts of woodland deer on small mammal ecology. *Forestry* 74: 277-287.

- Galeotti, P. 2001. *Strix aluco* Tawny Owl. *BWP Update* 3: 43-77.
- Greenwood, J.J.D., Crick, H.Q.P. & Bainbridge, I.P. 2003. Numbers and international importance of raptors and owls in Britain and Ireland. In: Thompson, D.B.A., Redpath, S.M., Fielding, A.H., Marquiss, M. & Galbraith, C.A. (eds) *Birds of Prey in a Changing Environment*. pp 25-50. The Stationery Office, Edinburgh.
- Hansen, L. 1952. The diurnal and annual rhythm of the tawny owl (*Strix a.aluco* L.) [in Danish with English summary]. *Dansk Ornithologisk Forenings Tidsskrift* 46: 158-172.
- Hardy, A.R. 1992. Habitat use by farmland tawny owls *Strix aluco*. In: Galbraith, C.A., Taylor, I.R. & Percival, S. (eds) *The Ecology and Conservation of European Owls*. pp 55-63. Joint Nature Conservation Committee, Peterborough.
- Hardy, A.R., Hirons, G.J.M. & Stanley, P.I. 1981. The relationship of body weight, fat deposit and moult to the reproductive cycles in wild tawny owls and barn owls. In: Cooper, J.E. & Greenwood, A.E. (eds) *Recent Advances in the Study of Raptor Diseases*. pp 159-163. Chiron Publications, Keighley.
- Hirons, G.J.M. 1976. *A population study of the Tawny Owl (Strix aluco L.) and its main prey species in woodland*. Unpublished DPhil thesis, University of Oxford.
- Hirons, G.J.M. 1985. The effects of territorial behaviour on the stability and dispersion of tawny owl (*Strix aluco*) populations. *Journal of Zoology, London* B1: 21-48.
- Macdonald, M.A. & McDougall, P.O. 1970. Crop contents of a Tawny Owl. *Scottish Birds* 6: 175-176.
- MacKinnon, J.L., Petty, S.J., Elston, D.A., Thomas, C.J., Sherratt, T.N. & Lambin, X. 2001. Scale invariant spatio-temporal patterns of field vole density. *Journal of Animal Ecology* 70: 101-111.
- Massie, J. 1999. Tawny Owls in 1998: a Grampian Ringing Group report. *North-East Scotland Bird Report* 1998: 115-117.
- Mikkola, H. 1983. *Owls of Europe*. T. & A.D. Poyser, Calton.
- Mylne, C. 2002. Winter nesting Tawny Owl in West Lothian. *Scottish Birds* 23: 46.
- Petty, S. & Lambin, X. 2004. Relationships between clearcutting, field vole abundance and the breeding performance of tawny owls in upland spruce forests in northern Britain. In: Quine, C., Shore, R. & Trout, R. (eds) *Managing Woodlands and their Mammals: Proceedings of a Symposium Organised Jointly by the Mammal Society and the Forestry Commission* pp 91-93. Forestry Commission, Edinburgh.
- Petty, S.J. 1987. The design and use of a nestbox for tawny owls *Strix aluco* in upland forests. *Quarterly Journal of Forestry* 2: 103-109.
- Petty, S.J. 1989a. Productivity and density of tawny owls (*Strix aluco*) in relation to the structure of a spruce forest in Britain. *Annales Zoologici Fennici* 26: 227-234.
- Petty, S.J. 1992. *Ecology of the Tawny Owl Strix aluco in the Spruce forests of Northumberland and Argyll*. Unpublished PhD thesis, The Open University.
- Petty, S.J. 1994. Moult in tawny owls *Strix aluco* in relation to food supply and reproductive success. In: Meyburg, B.-U. & Chancellor, R.D. (eds) *Raptor Conservation Today*. pp 521-530. World Working Group on Birds of Prey and Owls & Pica Press, Bodmin.
- Petty, S.J. 1999. Diet of tawny owls (*Strix aluco*) in relation to field vole (*Microtus agrestis*) abundance in a conifer forest in northern England. *Journal of Zoology, London* 248: 451-465.
- Petty, S.J., Anderson, D.I.K., Davison, M., Little, B., Sherratt, T.N., Thomas, C.J. & Lambin, X. 2003. The decline of Common Kestrels *Falco tinnunculus* in a forested area of northern England: the role of predation by Northern Goshawks *Accipiter gentilis*. *Ibis* 145: 472-483.
- Petty, S.J. & Fawkes, B.L. 1997. Clutch size variation in tawny owls (*Strix aluco*) from adjacent valley systems: can this be used as a surrogate to investigate temporal and spatial variations in vole density? In: Duncan, J.R., Johnson, D.H. & Nicholls, T.H. (eds) *Biology and Conservation of Owls of the Northern Hemisphere*. United States Department of Agriculture, Forest Service, North Central Research Station. General Technical Report NC-190, St. Paul, Minnesota. pp 315-324.
- Petty, S.J., Shaw, G. & Anderson, D.I.K. 1994. Value of nest boxes for population studies and conservation of owls in coniferous forests in Britain. *Journal of Raptor Research* 28: 134-142.
- Petty, S.J. & Thirgood, S.J. 1989. A radio tracking study of post-fledging mortality and movements of Tawny Owls in Argyll. *Ringing & Migration* 10: 75-82.
- Petty, S.J. & Thomas, C.J. 2003. Distribution, numbers and breeding performance of tawny owls (*Strix aluco*) in relation to clear-cutting in a conifer forest in northern England. In: Thompson, D.B.A., Redpath, S.M., Fielding, A.H., Marquiss, M. & Galbraith, C.A. (eds) *Birds of Prey in a Changing Environment*. pp 111-129. The Stationery Office, Edinburgh.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Redpath, S.M. 1994. Censusing Tawny Owls *Strix aluco* by the use of imitating calls. *Bird Study* 41: 192-198.
- Southern, H.N. 1970. The natural control of a population of tawny owls (*Strix aluco*). *Journal of Zoology, London* 162: 197-285.
- Southern, H.N., Vaughan, R. & Muir, R.C. 1954. The behaviour of young Tawny Owl after fledging. *Bird Study* 1: 101-110.
- Swann, R.L. & Rae, R. 1974. Early nesting Tawny Owls in Aberdeen. *Scottish Birds* 8: 194.

276 Long-eared Owl (15)

- Adam, R.G. 1981. High incidence of ring recoveries from Long-eared Owl pellets. *Scottish Birds* 11: 166-167.
- Allan, R.W. 1958. Numerous Long-eared Owls in Aberdeenshire. *Scottish Birds* 1: 17.
- Glue, D.E. 1977. Breeding biology of Long-eared Owls. *British Birds* 70: 318-331.
- Glue, D.E. & Hammond, G.J. 1974. Feeding ecology of the Long-eared Owl in Britain and Ireland. *British Birds* 67: 361-369.
- Greenwood, J.J.D., Crick, H.Q.P. & Bainbridge, I.P. 2003. Numbers and international importance of raptors and owls in Britain and Ireland. In: Thompson, D.B.A., Redpath, S.M., Fielding, A.H., Marquiss, M. & Galbraith, C.A. (eds) *Birds of Prey in a Changing Environment*. pp 25-50. The Stationery Office, Edinburgh.
- Harvey, P.V. & Riddiford, N. 1990. An uneven sex ratio of migrant Long-eared Owls. *Ringing & Migration* 11: 132-135.
- MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
- Mikkola, H. 1983. *Owls of Europe*. T. & A.D. Poyser, Calton.
- Okill, J.D. & Evans, P.J. 1978. The food of Long-eared Owls in winter. *Shetland Bird Report* 1977: 48-50.
- Sibbald, R. 1684. *Scotia Illustrata, sive Prodromus Historia Naturalis*. J. Kniblo, J. Solingenensis & J. Colmarii, Edinburgh.
- Stevenson, A. 1996. The Long-eared Owl in Ayrshire. *Ayrshire Bird Report* 1995: 4-6.
- Village, A. 1981. The diet and breeding of Long-eared Owls in relation to vole numbers. *Bird Study* 28: 215-224.
- Watson, D. & Harvey, P. 2003. The food of Long-eared Owls in Shetland in winter 2002/03. *Shetland Bird Report* 2002: 111-112.
- Williams, R.S.R. 1996. *Ecology and population dynamics of the Long-eared Owl*. Unpublished PhD thesis, University of East Anglia.
- Wooller, R.D. & Triggs, G.S. 1968. Food of the Long-eared Owl in Inverness-shire. *Bird Study* 15: 164-166.

277 Short-eared Owl (14)

- Adair, P. 1892b. The Short-eared Owl (*Asio accipitrinus*, Pallas) and the Kestrel (*Falco tinnunculus*, Linnaeus) in the vole plague districts. *Annals of Scottish Natural History* 1892: 219-231.
- Anderson, P. 1911. Short-eared Owls at Tiree. *Annals of Scottish Natural History* 1911: 116-117.
- Barron, J. 1907. *The Northern Highlands in the Nineteenth Century: newspaper index and annals. Volume II. 1825-41*. Robert Carruthers & Sons, Inverness.
- Dickson, R.C. 1992. *The Birds in Wigtownshire: a guide to their status and distribution*. GC Book Publishers Ltd., Wigtown.
- Greenwood, J.J.D., Crick, H.Q.P. & Bainbridge, I.P. 2003. Numbers and international importance of raptors and owls in Britain and Ireland. In: Thompson, D.B.A., Redpath, S.M., Fielding, A.H., Marquiss, M. & Galbraith, C.A. (eds) *Birds of Prey in a Changing Environment*. pp 25-50. The Stationery Office, Edinburgh.
- Heppleston, P.B. 1978. The food of Short-eared Owls in Orkney. *The Western Naturalist* 7: 55-62.
- Lockie, J.D. 1955b. The breeding habits and food of Short-eared Owls after a vole plague. *Bird Study* 2: 53-69.
- Mikkola, H. 1983. *Owls of Europe*. T. & A.D. Poyser, Calton.
- Picozzi, N. & Hewson, R. 1970. Kestrels, Short-eared Owls and Field Voles in Eskdalemuir in 1970. *Scottish Birds* 6: 185-191.
- Rebecca, G. 1991. Short-eared Owl killing a Merlin on the nest. *North-East Scotland Bird Report* 1990: 73-74.
- Roberts, J.L. & Bowman, N. 1986. Diet and ecology of Short-eared Owls *Asio flammeus* breeding on heather moor. *Bird Study* 33: 12-17.
- Shaw, G. 1995. Habitat selection by Short-eared Owls *Asio flammeus* in young coniferous forests. *Bird Study* 42: 158-164.
- Tindal, D.A. & Dennis, R.H. 1968. Long-eared and Short-eared Owls' mode of hunting. *Scottish Birds* 5: 108-109.
- Village, A. 1987. Numbers, territory-size and turnover of Short-eared Owls *Asio flammeus* in relation to vole abundance. *Ornis Scandinavica* 18: 198-204.

278 Tengmalm's Owl (11)

- Balfour, E. 1961. Tengmalm's Owl in Orkney. *Scottish Birds* 1: 453-454.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Harvey, P.V. & Riddiford, N. 1990. An uneven sex ratio of migrant Long-eared Owls. *Ringing & Migration* 11: 132-135.
- Korpimäki, E., Lagerström, M. & Saurola, P. 1987. Field evidence for nomadism in Tengmalm's Owl *Aegolius funereus*. *Ornis Scandinavica* 18: 1-4.
- Mikkola, H. 1983. *Owls of Europe*. T. & A.D. Poyser, Calton.
- Nash, J.K. 1930. Bird-life on Cramond Island. *Scottish Naturalist* 1930: 111-115.
- Nash, J.K. 1935. *The Birds of Midlothian*. H.F. & G. Witherby, London.
- Robinson, H.W. 1915. Tengmalm's Owl in Shetland. *Scottish Naturalist* 1915: 143.

- Rogers, M.J. & the Rarities Committee. 1985. Report on rare birds in Great Britain in 1984. *British Birds* 78: 529-589.
 Sim, G. 1886. Tengmalm's Owl in Aberdeenshire. *Scottish Naturalist* 1886: 308.
 Smith, J.A. 1861. Ornithological notes. *Proceedings of the Royal Physical Society of Edinburgh* 2: 244-248.

279 European Nightjar (21)

- Alexander, I. & Cresswell, B. 1990. Foraging by Nightjars *Caprimulgus europaeus* away from their nesting areas. *Ibis* 132: 568-574.
 Anon. 1998b. *UK Biodiversity Group Action Plan. Tranche 2: 53-54*. Joint Nature Conservation Committee, Peterborough.
 Berry, R. 1979. Nightjar habitats and breeding in East Anglia. *British Birds* 72: 207-218.
 Berry, R. & Bibby, C.J. 1981. A breeding study of Nightjars. *British Birds* 74: 161-169.
 Bishop, J. 1931. Nightjar in Shetlands. *British Birds* 24: 339.
 Burgess, N., Evans, C. & Sorensen, J. 1990. Heathland management for Nightjars. *RSPB Conservation Review* 4: 32-35.
 Cadbury, C.J. 1981. Nightjar census methods. *Bird Study* 28: 1-4.
 Cleere, N. & Nursey, D. 1998. *Nightjars: a guide to Nightjars and related nightbirds*. Pica Press, Robertsbridge.
 Conway, G., Wootton, S., Henderson, I., Langston, R., Drewitt, A. & Currie, F. 2007. Status and distribution of European Nightjars *Caprimulgus europaeus* in the UK in 2004. *Bird Study* 54: 98-111.
 Gribble, F.C. 1983. Nightjars in Britain and Ireland in 1981. *Bird Study* 30: 165-176.
 Holyoak, D.T. 2001. *Nightjars and their Allies*. Oxford University Press, Oxford.
 Leslie, R. 1985. The populations and distribution of Nightjars *Caprimulgus europaeus* on the North York Moors. *Naturalist* 110: 23-28.
 Mackeith, T.T. 1919. The Nightjar in Renfrewshire. *Scottish Naturalist* 1919: 166.
 Morris, A. 1993. The 1992 Nightjar survey - a light at the end of the tunnel for this threatened species? *BTO News* 185: 8-9.
 Morris, A., Burges, D., Fuller, R.J., Evans, A.D. & Smith, K.W. 1994. The status and distribution of Nightjars *Caprimulgus europaeus* in Britain in 1992. *Bird Study* 41: 181-191.
 Rebbeck, M., Corrick, R., Eaglestone, B. & Stainton, C. 2001. Recognition of individual European Nightjars *Caprimulgus europaeus* from their song. *Ibis* 143: 468-475.
 Scott, G.W., Jardine, D.C., Hills, G. & Sweeney, B. 1998. Changes in Nightjar *Caprimulgus europaeus* populations in upland forests in Yorkshire. *Bird Study* 45: 219-225.
 Shaw, G. 2001b. Do you still need - Nightjar? *Birding Scotland* 4: 73-74.
 Stafford, J. 1962. Nightjar enquiry, 1957-58. *Bird Study* 9: 104-115.
 Traill-Clouston, M. 1957. Nightjar in Orkney. *Scottish Naturalist* 1957: 126.
 Wichmann, G. 2004. Habitat use of nightjar (*Caprimulgus europaeus*) in an Austrian pine forest. *Journal of Ornithology* 145: 69-73.

280 Common Nighthawk (3)

- Cleere, N. & Nursey, D. 1998. *Nightjars: a guide to Nightjars and related nightbirds*. Pica Press, Robertsbridge.
 Holyoak, D.T. 2001. *Nightjars and their Allies*. Oxford University Press, Oxford.
 Ramsay, A.D.K. 1980. Common Nighthawk in Orkney. *Scottish Birds* 11: 85.

281 Chimney Swift (3)

- Byrne, R.W. & Graves, J.A. 1992. Chimney Swift in St Andrews: a first for Scotland? *Scottish Birds* 16: 216-218.
 Chantler, P. 1993. Identification of Western Palearctic swifts. *Dutch Birding* 15: 97-135.
 Chantler, P. & Driessens, G. 1995. *Swifts: a guide to the swifts and treeswifts of the world*. Pica Press, Robertsbridge.

282 White-throated Needletail (7)

- Chantler, P. & Driessens, G. 1995. *Swifts: a guide to the swifts and treeswifts of the world*. Pica Press, Robertsbridge.
 Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
 Gooders, J. 1969. *Birds of the World*. IPC Magazines, London.
 Grimmett, R., Inskip, C. & Inskip, T. 1998. *Birds of the Indian Subcontinent*. Christopher Helm, London.
 Meek, E.R. 1985b. Needle-tailed Swift on South Ronaldsay, Orkney. *Scottish Bird Report* 1984: 50.
 Rogers, M.J. & the Rarities Committee. 1992. Report on rare birds in Great Britain in 1991. *British Birds* 85: 507-554.
 Rogers, M.J. & the Rarities Committee. 1996. Report on rare birds in Great Britain in 1995. *British Birds* 89: 481-531.

283 Common Swift (33)

- Andrews, I.J. 2003. Common Swifts breeding in Edinburgh, 1999-2000. *Lothian Bird Report* 2000: 92-104.

- Baxter, E.V. & Rintoul, L.J. 1928b. Report on Scottish ornithology in 1927. *Scottish Naturalist* 1928: 105-121, 135-162.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Burton, H. 2000. Swifts in Speyside. *Scottish Birds* 21: 48-49.
- Campbell, B. 1918. A late Swift. *Scottish Naturalist* 1918: 34.
- Campbell Orde, J.W.P. 1897. Swifts in the Outer Hebrides. *Annals of Scottish Natural History* 1897: 250.
- Chantler, P. 1993. Identification of Western Palearctic swifts. *Dutch Birding* 15: 97-135.
- Chantler, P. & Driessens, G. 1995. *Swifts: a guide to the swifts and treeswifts of the world*. Pica Press, Robertsbridge.
- Cooper, J.M. 1988. Sparrowhawk specialising on Swifts. *Scottish Birds* 15: 46.
- Dennis, R. 1984. *Birds of Badenoch and Strathspey*. Roy Dennis Enterprises, North Kessock.
- Dennis, R. 1995a. *The Birds of Badenoch and Strathspey*. 2nd Edition. Colin Baxter Photography, Grantown-on-Spey.
- Edinburgh Biodiversity Partnership. 2000. *The Edinburgh Biodiversity Action Plan*. The Edinburgh Biodiversity Partnership, Edinburgh.
- Gill, E.L. 1923. Late stay of Swifts near Edinburgh. *Scottish Naturalist* 1923: 139.
- Hamilton, D. 1923. Early arrival and late stay of Swifts. *Scottish Naturalist* 1923: 139.
- Hamilton, D. 1928. Further observations on the Swift. *Scottish Naturalist* 1928: 175-179.
- Hurrell, H.G. 1951. The movements of Swifts in summer. *British Birds* 44: 146-152.
- Kaiser, E. 1997. Sexual recognition of Common Swifts. *British Birds* 90: 167-174.
- Lack, D. 1956. *Swifts in a Tower*. Methuen, London.
- Maguire, E. 2005a. *Machrihanish Seabird & Wildlife Observatory: 2002-2004 Report*. Peninsula Wildlife Publications, Campbeltown.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- McGuigan, C. 1999. A partially albino Common Swift in Strathclyde. *Birding World* 12: 318.
- Miller, J. 1893. Swift (*Cypselus apus*, L.) in November. *Annals of Scottish Natural History* 1893: 44.
- Nash, J.K. 1924. Observations on the Swift. *Scottish Naturalist* 1924: 77-83.
- Nethersole-Thompson, D. & Watson, A. 1974. *The Cairngorms: their natural history and scenery*. Collins, London.
- Pennant, T. 1789. Sketch of Caledonian Zoology. In: Lightfoot, J. (ed.) *Flora Scotica*. 2nd edition, pp 1-66. Faulder, London.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Robertson, J. 1917. Early appearance of Swift. *Scottish Naturalist* 1917: 33.
- Sibbald, R. 1684. *Scotia Illustrata, sive Prodromus Historia Naturalis*. J. Kniblo, J. Solingensis & J. Colmarii, Edinburgh.
- Summers, R.W. 1999a. Swifts nesting in Scots Pines at Abernethy Forest, Strathspey. *Scottish Birds* 20: 27-30.
- Thompson, D.L. & Douglas-Home, H. 1993. Long-term changes in weather and in the breeding schedules of Common Swifts *Apus apus*. *Avocetta* 17: 199-202.
- Thompson, D.L., Douglas-Home, H., Furness, R.W. & Monaghan, P. 1996. Breeding success and survival in the common swift *Apus apus*: a long term study on the effects of weather. *Journal of Zoology, London* 239: 29-38.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
- Watt, H.B. 1903a. Swifts nesting on Lochnagar. *Annals of Scottish Natural History* 1903: 244.

284 Pallid Swift (7)

- Chantler, P. 1993. Identification of Western Palearctic swifts. *Dutch Birding* 15: 97-135.
- Chantler, P. & Driessens, G. 1995. *Swifts: a guide to the swifts and treeswifts of the world*. Pica Press, Robertsbridge.
- Gray, M. 1997b. Pallid Swift on North Ronaldsay. *Orkney Bird Report* 1996: 77-78.
- Gray, M. 1998c. Blast from the past: the North Ronaldsay Pallid Swift, 26th October 1996. *Birding Scotland* 1: 124-126.
- Murray, A. 2000a. Pallid Swift at Burnmouth, Borders – the second Scottish record. *Birding Scotland* 3: 39.
- Murray, R.D. 2000c. Pallid Swift at Burnmouth 25th October 1999. *Borders Bird Report* 19: 92.
- Shaw, D.N. 2002. The first Pallid Swift *Apus pallidus* for Shetland. *Fair Isle Bird Observatory Report* 2001: 96-97.

285 Alpine Swift (12)

- Bedford, M. 1924. Alpine Swifts in Wigtownshire. *Scottish Naturalist* 1924: 84.
- Best, F.C. 1969. Alpine Swift in Argyllshire. *Scottish Birds* 5: 390-391.
- Chantler, P. 1993. Identification of Western Palearctic swifts. *Dutch Birding* 15: 97-135.
- Chantler, P. & Driessens, G. 1995. *Swifts: a guide to the swifts and treeswifts of the world*. Pica Press, Robertsbridge.
- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Elkins, N., Elkins, J. & Williams, M.R. 1970. Alpine Swift in Aberdeenshire. *Scottish Birds* 6: 209.
- Fairbairn, A. 1897. A list of some of the rarer birds found in the upper reaches of the valley of the Ayr. *Annals of Scottish Natural History* 1897: 151-153.
- Holmes, G. 1915. Alpine Swift in Wigtownshire. *Scottish Naturalist* 1915: 308.

- Joy, G.D. 1966b. Alpine Swift in Shetland. *Scottish Birds* 4: 310.
 Smith, K.D. 1962b. Alpine Swift in Shetland. *Scottish Birds* 2: 249.
 Walker, K. 1965. Alpine Swift in Orkney. *Scottish Birds* 3: 418.
 Watt, H.B. 1897. Alpine Swift in Scotland. *Annals of Scottish Natural History* 1897: 250.

286 Little Swift (3)

- Chantler, P. & Driessens, G. 1995. *Swifts: a guide to the swifts and treeswifts of the world*. Pica Press, Robertsbridge.
 Harrop, H.R. 1992b. Little Swift on Fair Isle - the second Scottish record. *Scottish Birds* 16: 276-277.
 Wilson, A.C. 1987. Little Swift at St Andrews. *Scottish Birds* 14: 257-258.

287 Common Kingfisher (26)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
 Berry, J. 1927. Kingfishers on migration. *Scottish Naturalist* 1927: 188.
 Boag, D. 1982. *The Kingfisher*. Blandford Press, Poole.
 Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
 Brown, R.L. 1934a. Breeding-habits and numbers of Kingfishers in Renfrewshire. *British Birds* 27: 256-258.
 Brown, R.L. 1934b. Some breeding-habits of Kingfishers. *British Birds* 28: 83-84.
 Brucker, J.W., Gosler, A.G. & Heryet, A.R. 1992. *The Birds of Oxfordshire*. Pices Publications, Oxford.
 Clancey, P.A. 1935a. On the habits of Kingfishers. *British Birds* 28: 295-301.
 Clancey, P.A. 1935b. Kingfishers breeding in juvenile plumage. *Scottish Naturalist* 1935: 173-174.
 Dazley, R.A. & Trodd, P. 1994. *The Breeding Birds of Bedfordshire*. Bedfordshire Natural History Society, Bedford.
 Dennis, M.K. 1996. *Tetrad Atlas of the Breeding Birds of Essex*. The Essex Birdwatching Society.
 Eggeling, W.J. 1974. The birds of the Isle of May - a revised assessment of status. *Scottish Birds* 8 (supplement): 93-148.
 Eggeling, W.J. 1985. *The Isle of May: a Scottish nature reserve*. 2nd Edition. Lorien Press, Kirkmichael, Perthshire.
 Fry, C.H., Fry, K. & Harris, A. 1992. *Kingfishers, Bee-eaters and Rollers*. Christopher Helm, London.
 James, P.C. (ed.) 1996. *The Birds of Sussex*. Sussex Ornithological Society.
 Lumsden, J. 1903. Kingfishers in Islay. *Annals of Scottish Natural History* 1903: 245.
 Macdonald, D. 1970. Kingfishers breeding in Easter Ross. *Scottish Birds* 6: 209-210.
 Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
 McMillan, R.L. 2005. *Skye Birds: an illustrated guide to the birds of Skye*. Skye-birds.com, Elgol.
 McWilliam, J.M. 1936. *The Birds of the Firth of Clyde*. H.F. & G. Witherby, London.
 Morgan, R. & Glue, D. 1977. Breeding, mortality and movements of Kingfishers. *Bird Study* 24: 15-24.
 Paterson, J. 1905. Report on Scottish ornithology for 1904. *Annals of Scottish Natural History* 1905: 203-215.
 Pyefinch, R. & Golburn, P. 2001. *Atlas of the Breeding Birds of Lancashire and North Merseyside*. Lancashire Bird Club and Lancashire and Cheshire Fauna Society. Hobby Publications, Maghull.
 Standley, P., Bucknell, N.J., Swash, A. & Collins, I.A. 1996. *The Birds of Berkshire*. Berkshire Atlas Group, Reading.
 Stott, M., Callion, J., Kinley, I., Raven, C. & Roberts, J. (eds) 2002. *The Breeding Birds of Cumbria: a tetrad atlas 1997-2001*. Cumbria Bird Club.
 Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.

288 Blue-cheeked Bee-eater (4)

- Ebels, E.B. & van der Laan, J. 1994. Occurrence of Blue-cheeked Bee-eater in Europe. *Dutch Birding* 16: 95-101.
 Fry, C.H., Fry, K. & Harris, A. 1992. *Kingfishers, Bee-eaters and Rollers*. Christopher Helm, London.
 Osborn, K. 1997. The Blue-cheeked Bee-eater in Shetland. *Birding World* 10: 220-221.
 Sangster, G., Collinson, J.M., Helbig, A.J., Knox, A.G. & Parkin, D.T. 2004. Taxonomic recommendations for British birds: second report. *Ibis* 146: 153-157.

289 European Bee-eater (18)

- Anon. 1900. Bee-eater in Shetland. *Annals of Scottish Natural History* 1900: 48-49.
 Clarke, W.E. 1920b. The attempted breeding of the Bee-eater (*Merops apiaster*) in Midlothian. *Scottish Naturalist* 1920: 151-153.
 Dennis, R.H. 1966a. A Bee-eater at Fair Isle: a new bird for the island. *Fair Isle Bird Observatory Bulletin* 5: 194.
 Dennis, R.H. 1970b. Three Bee-eaters in Fair Isle and Shetland. *Scottish Birds* 6: 46.
 Dunbar, L. 1897. Bee-eater in Caithness. *Annals of Scottish Natural History* 1897: 250.
 Edward, T. 1859. A list of the birds of Banffshire, accompanied with anecdotes. *Zoologist* 17: 6665-6672.
 Ferguson, T. 1852. Occurrence of the Bee-eater (*Merops apiaster*) in Aberdeenshire. *Naturalist* 1852: 204.
 Fry, C.H., Fry, K. & Harris, A. 1992. *Kingfishers, Bee-eaters and Rollers*. Christopher Helm, London.
 Grimmett, R., Inskipp, C. & Inskipp, T. 1998. *Birds of the Indian Subcontinent*. Christopher Helm, London.

- Henderson, J.T. 1935. Bee-eater in Sutherland. *Scottish Naturalist* 1935: 174.
- Kay, G.T. 1952a. Bee-eater at Lerwick. *Scottish Naturalist* 1952: 117.
- Mackay, D.E. 1967. Bee-eater in north Sutherland. *Scottish Birds* 4: 449.
- Nash, J.K. 1920. The Bee-eater in Scotland - a unique ornithological event. *The Scotsman* (18 June 1920): 7.
- Nash, J.K. 1935. *The Birds of Midlothian*. H.F. & G. Witherby, London.
- Norden, D.J. 1969. Bee-eater in Ayrshire. *Scottish Birds* 5: 289.
- Russell, G.W. 1916. Bee-eater and Yellow-browed Warbler in Shetland. *Scottish Naturalist* 1916: 24.
- Sim, G. 1903. *The Vertebrate Fauna of 'Dee'*. Wyllie, Aberdeen.
- Thompson, W. 1838. Notes upon the Natural History of a portion of the South West of Scotland. *Magazine of Natural History* New Series 2: 18.

290 European Roller (27)

- Balfour, E. 1959b. Rollers in Orkney. *Scottish Birds* 1: 96-97.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
- Chorley, A.M. & Clifford, J. 1970. Roller in Kirkcudbrightshire. *Scottish Birds* 6: 47.
- Cursiter, J.W. 1896. The Roller in Orkney. *Annals of Scottish Natural History* 1896: 252.
- Drummond-Hay, H.M. 1878a. On migration. *Scottish Naturalist* 1878: 85-99, 133-144, 229-241, 283-292.
- Drummond-Hay, H.M. 1879-80. Notes on the birds of the basin of the Tay and its tributaries. *Scottish Naturalist* 5: 56-62, 105-115, 241-255, 295-309, 337-346.
- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Feare, C.J., Feare, F.C., Lloyd, D.E.B. & Johnson-Ferguson, T. 1970. Roller in Aberdeenshire. *Scottish Birds* 6: 47.
- Fry, C.H., Fry, K. & Harris, A. 1992. *Kingfishers, Bee-eaters and Rollers*. Christopher Helm, London.
- Gordon, G. 1889. *The Fauna of Moray*. J. & J.A. Watson, Elgin.
- Gordon, G.K. 1844. A fauna of Moray. II. Birds. *Zoologist* 2: 502-515.
- Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
- Harvie-Brown, J.A. & Buckley, T.E. 1892. *A Vertebrate Fauna of Argyll and the Inner Hebrides*. David Douglas, Edinburgh.
- Inkster, C.J. 1959. Roller in Shetland. *Scottish Birds* 1: 72.
- Marshall, B. 1972b. Roller in Shetland. *Scottish Birds* 7: 55-56.
- Paton, E.R. & Pike, O.G. 1929. *The Birds of Ayrshire*. H.F. & G. Witherby, London.
- Peterson, J. 1960. Roller in Shetland. *Scottish Birds* 1: 190.
- Plat, H. 1888. Roller in Isle of Mull. *The Field* 15: Sept 1888.
- Sim, G. 1903. *The Vertebrate Fauna of 'Dee'*. Wyllie, Aberdeen.
- Smith, J. 1848. Occurrence of the Roller (*Coracias garrula*) near Banff. *Zoologist* 6: 2302.
- Stark, D.M. 1970. Roller in Caithness. *Scottish Birds* 6: 210.
- Tait, A.M. 1969. Roller on Islay. *Scottish Birds* 5: 391.
- Walker, K.G. 1967b. Roller in Orkney. *Scottish Birds* 4: 375-376.
- Wallace, J. 1700. *An Account of the Islands of Orkney*. 2nd Edition. Jacob Tonson, London.
- Waterston, G. 1937a. Bird notes from Shetland. *Scottish Naturalist* 1937: 25-31.
- Yarrell, W. 1876-82. *A History of British Birds*. Volume 2. 4th Edition. Van Voorst, London. Revised and enlarged by A. Newton.

291 Hoopoe (18)

- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
- Campbell, J.W. & Anderson, J.A. 1958. Hoopoes in north Perth and west Inverness. *Scottish Birds* 1: 38-39.
- Ericson, P.G.P. 1997. Swedish records of the eastern Palearctic Hoopoe subspecies *Upupa epops saturata*. *Bulletin of the British Ornithologists' Club* 117: 19-26.
- Fairley, J.N.M., Baxter, P.G., Medlicott, W.S. & Orr, D. 1960. Hoopoes in Perth, Fife, Roxburgh and Arran. *Scottish Birds* 1: 276-277.
- Fraser, P.A., Lansdown, P.G. & Rogers, M.J. 1999b. Report on scarce migrant birds in Britain in 1997. *British Birds* 92: 618-658.
- Fraser, P.A., Lansdown, P.G. & Rogers, M.J. 2000. Report on scarce migrant birds in Britain in 1998. *British Birds* 93: 588-641.
- Fraser, P.A. & Rogers, M.J. 2001. Report on scarce migrant birds in Britain in 1999. *British Birds* 94: 560-589.
- Fraser, P.A. & Rogers, M.J. 2002. Report on scarce migrant birds in Britain in 2000. *British Birds* 95: 606-630.
- Fraser, P.A. & Rogers, M.J. 2003. Report on scarce migrant birds in Britain in 2001. *British Birds* 96: 626-649.
- Fraser, P.A. & Rogers, M.J. 2004. Report on scarce migrant birds in Britain in 2002. Part 1: European Bee-eater to Little Bunting. *British Birds* 97: 647-664.
- Sharrock, J.T.R. 1974. *Scarce Migrant Birds in Britain and Ireland*. T. & A.D. Poyser, Berkhamsted.

- Sim, G. 1891a. Hoopoe in Fyvie. *Scottish Naturalist* 1891: 192.
 Sim, G. 1903. *The Vertebrate Fauna of 'Dee'*. Wyllie, Aberdeen.
 Smith, A.J. 1961. Hoopoe in Selkirkshire. *Scottish Birds* 1: 427.
 Wallace, J. 1684. *An Account of the Ancient and Present State of Orkney*. Unpublished MS held at Orkney Library.
 Wallace, J. 1693. *A Description of the Isles of Orkney*. John Reid, Edinburgh.
 Wilkinson, G.H. & MacLachlan, H.N. 1959. Hoopoes in Inverness and Mid-Lothian. *Scottish Birds* 1: 126.

292 Eurasian Wryneck (25)

- Alexander, H.G., Alexander, W.B., Knowles, C. & Leach, E.P. 1952. Wryneck in Inverness-shire. *Scottish Naturalist* 1952: 117.
 Anon. 1963b. Current notes. *Scottish Birds* 2: 428-447.
 Bates, D.J. & Brown, A. 1977. Behaviour of Wryneck and Great Grey Shrike. *Scottish Birds* 9: 348-349.
 Burton, H., Evans, T.L. & Weir, D.N. 1970. Wrynecks breeding in Scotland. *Scottish Birds* 6: 154-156.
 Clarke, T.B. 1905c. The Wryneck in Shetland. *Annals of Scottish Natural History* 1905: 244-245.
 Congreve, W.M. & Gibson, J.A. 1958. On the nesting of the Wryneck/Lesser Spotted Woodpecker in East Renfrewshire. *Glasgow Bird Bulletin* 7: 1-7.
 Dennis, R. 1984. *Birds of Badenoch and Strathspey*. Roy Dennis Enterprises, North Kessock.
 Drummond-Hay, H.M. 1878b. Notice of the Wryneck (*Yunx torquilla*) being found in Perthshire. *Scottish Naturalist* 1878: 333.
 Etchécopar, R.D. & Hüe, F. 1967. *The Birds of North Africa*. Oliver & Boyd, Edinburgh & London.
 Gray, R. 1872b. Specimens exhibited. *Proceedings of the Natural History Society of Glasgow* 2: 178-179.
 Harthan, A.J. & Peal, R.E.F. 1965. Wrynecks in Inverness-shire. *Scottish Birds* 3: 418-419.
 Langslow, D.R. 1977b. Weight increases and behaviour of Wrynecks on the Isle of May. *Scottish Birds* 9: 262-267.
 Macdonald, D. 1958. Wryneck in south-east Sutherland. *Scottish Birds* 1: 39-40.
 Mackeith, T.T. 1905. Wryneck nesting in Renfrewshire. *Annals of Scottish Natural History* 1905: 244.
 Monk, J.F. 1955. Wryneck survey. *Bird Study* 2: 87-89.
 Monk, J.F. 1963. The past and present status of the Wryneck in the British Isles. *Bird Study* 10: 112-132.
 Murray, R.D. 1987. Bluethroats in Scotland during 1985. *Scottish Birds* 14: 168-174.
 Parslow, J.L.F. 1973. *Breeding Birds in Britain and Ireland: a historical survey*. T. & A.D. Poyser, Berkhamsted.
 Peal, R.E.F. 1968. The distribution of the Wryneck in the British Isles, 1964-66. *Bird Study* 15: 111-126.
 Robertson, J. & Mackeith, T.T. 1915. The birds of Renfrewshire. *Scottish Naturalist* 1915: 124-127, 244-250, 268-275.
 Smith, A.J. 1953. Wryneck in Inverness-shire. *Scottish Naturalist* 1953: 57.
 Standford, J.K. & Dennis, R.H. 1961. Wrynecks in Inverness-shire. *Scottish Birds* 1: 494.
 Stanford, J.K. 1952. Wryneck in Inverness-shire. *Scottish Naturalist* 1952: 57.
 Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
 Winkler, H., Christie, D.A. & Nurney, D. 1995. *Woodpeckers: a guide to the woodpeckers, piculets and wrynecks of the world*. Pica Press, Robertsbridge.

293 Green Woodpecker (24)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
 Baillie, S.R., Marchant, J.H., Crick, H.Q.P., Noble, D.G., Balmer, D.E., Beaven, L.P., Coombes, R.H., Downie, I.S., Freeman, S.N., Joys, A.C., Leech, D.I., Raven, M.J., Robinson, R.A. & Thewlis, R.M. 2005. *Breeding Birds in the Wider Countryside: their conservation status 2004*. BTO Research Report 385. BTO, Thetford.
 Baxter, E.V. 1957a. Review of ornithological changes in Scotland in 1955. *Scottish Naturalist* 1957: 37-44.
 Baxter, E.V. 1958. Review of ornithological changes in Scotland in 1957. *Scottish Birds* 1: 30-33.
 BirdLife International. 2004a. *Birds in Europe: population estimates, trends and conservation status*. BirdLife Conservation Series No. 12. BirdLife International, Cambridge.
 Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
 Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
 Campbell, J.W. 1960. Review of ornithological changes in Scotland in 1959. *Scottish Birds* 1: 251-259.
 Dennis, R. 1984. *Birds of Badenoch and Strathspey*. Roy Dennis Enterprises, North Kessock.
 Dicerbo, E. 1961. Green Woodpecker breeding in Dumfries-shire. *Scottish Birds* 1: 379-380.
 Gilbert, G., Gibbons, D.W. & Evans, J. 1998a. *Bird Monitoring Methods: a manual of techniques for key UK species*. RSPB, Sandy.
 Gordon, R. 1813. *A Genealogical History of the Earldom of Sutherland, from its Origin to the Year 1630*. Constable, Edinburgh.
 Harvie-Brown, J.A. 1892a. The Great Spotted Woodpecker (*Picus major*, L.) in Scotland. *Annals of Scottish Natural History* 1892: 4-17.
 Hulme, M. & Jenkins, G. 1998. *Climate change scenarios for the United Kingdom*. Technical Report of the UK Climate Impacts Programme 1. University of East Anglia, Norwich.
 Lawson, D., McConnell, A. & Wilson, A. 1961. Green Woodpecker breeding in Lanarkshire. *Scottish Birds* 1: 454.

- Ritchie, J. 1930. Little Gull and Green Woodpecker in Perthshire. *Scottish Naturalist* 1930: 30.
- Saunders, H. & Clarke, W.E. 1927. *Manual of British Birds*. 3rd Edition. Gurney & Jackson, London.
- Skelton, F.E. 1932. Green Woodpecker in Inverness-shire. *Scottish Naturalist* 1932: 72.
- Summers, R.W. 2004b. Use of pine snags by birds in different stand types of Scots Pine *Pinus sylvestris*. *Bird Study* 51: 212-221.
- Tewnion, A. 1966. The Green Woodpecker in Clackmannanshire. *Scottish Birds* 4: 95-96.
- Thom, V.M. 1968a. Green Woodpecker breeding in Perthshire. *Scottish Birds* 5: 30-31.
- Tucker, G.M. & Heath, M.F. 1994. *Birds in Europe: their conservation status*. BirdLife Conservation Series No. 3. BirdLife International, Cambridge.
- Waterston, G. 1960. *A Green Woodpecker enquiry*. Unpublished report. SOC, Edinburgh.
- Winkler, H., Christie, D.A. & Nurney, D. 1995. *Woodpeckers: a guide to the woodpeckers, piculets and wrynecks of the world*. Pica Press, Robertsbridge.

294 Great Spotted Woodpecker (26)

- Bannerman, D.A. 1955. *The Birds of the British Isles*. Volume 4. Oliver & Boyd, Edinburgh.
- BirdLife International. 2004a. *Birds in Europe: population estimates, trends and conservation status*. BirdLife Conservation Series No. 12. BirdLife International, Cambridge.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Bowie, J.C. 1929. More Great Spotted Woodpeckers in Shetland. *Scottish Naturalist* 1929: 180.
- Buchanan, M.G. 1923. Spread of Great Spotted Woodpecker in Argyllshire. *Scottish Naturalist* 1923: 4.
- Clancey, P.A. 1949. On the extinct Scottish Great Spotted Woodpecker and Capercaillie with a suggestion for systematic treatment. *Scottish Naturalist* 1949: 182-184.
- Cook, M. 1992. *The Birds of Moray and Nairn*. The Mercat Press, Edinburgh.
- Dennis, R. 1984. *Birds of Badenoch and Strathspey*. Roy Dennis Enterprises, North Kessock.
- Evans, W. 1895. Nesting of the Great Spotted Woodpecker in Berwickshire. *Annals of Scottish Natural History* 1895: 195.
- Evans, W. 1908d. On the origin of the present colony of Scottish Greater Spotted Woodpeckers. *Annals of Scottish Natural History* 1908: 216-218.
- Glue, D.E. & Boswell, T. 1994. Comparative nesting ecology of the three British breeding woodpeckers. *British Birds* 87: 253-269.
- Harvie-Brown, J.A. 1880a. On the decrease in Scotland of the Greater Spotted Woodpecker. *Zoologist* 38: 85-89.
- Harvie-Brown, J.A. 1892a. The Great Spotted Woodpecker (*Picus major*, L.) in Scotland. *Annals of Scottish Natural History* 1892: 4-17.
- Harvie-Brown, J.A. 1908b. The Great Spotted Woodpecker's resuscitation in Scotland since 1841 or 1851. *Annals of Scottish Natural History* 1908: 209-216.
- Macpherson, H.A. 1886. The birds of Skye, with special reference to the Parish of Duirinish, Part 1. *Proceedings of the Royal Society of Edinburgh* 9: 118-143.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- McDougall, W.L. 1929. Immigration of Northern Great Spotted Woodpecker to the Shetland Isles. *Scottish Naturalist* 1929: 138.
- Paterson, E.G. 1926. Great-Spotted Woodpecker breeding in Sutherland. *Scottish Naturalist* 1926: 92.
- Patterson, I.J., Ollason, J.G. & Doyle, P. 1995. Bird populations in upland spruce plantations in northern Britain. *Forest Ecology and Management* 79: 107-131.
- Short, L.L. 1982. *Woodpeckers of the World*. Delaware Museum of Natural History, Delaware.
- Smith, K.W. 1987a. The ecology of the great spotted woodpecker. *RSPB Conservation Review* 1: 74-77.
- Smith, K.W. 1997. Nest site selection of the Great Spotted Woodpecker *Dendrocopos major* in two oak woods in southern England and its implications for woodland management. *Biological Conservation* 80: 283-288.
- Smith, K.W. 2005. Has the reduction in nest-site competition from Starlings *Sturnus vulgaris* been a factor in the recent increase of Great Spotted Woodpecker *Dendrocopos major* numbers in Britain? *Bird Study* 52: 307-313.
- Stone, B.H., Sears, J., Cranswick, P.A., Gregory, R.D., Gibbons, D.W., Rehfisch, M.M., Aebsicher, N.J. & Reid, J.B. 1997. Population estimates of birds in Britain and in the United Kingdom. *British Birds* 90: 1-22.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
- Winkler, H., Christie, D.A. & Nurney, D. 1995. *Woodpeckers: a guide to the woodpeckers, piculets and wrynecks of the world*. Pica Press, Robertsbridge.

295 Lesser Spotted Woodpecker (9)

- Andrews, I.J. & Naylor, K.A. on behalf of the Scottish Birds Records Committee. 2002. Records of species and subspecies recorded in Scotland on up to 20 occasions. *Scottish Birds* 23: 61-116.
- Congreve, W.M. & Gibson, J.A. 1958. On the nesting of the Wryneck/Lesser Spotted Woodpecker in East Renfrewshire. *Glasgow Bird Bulletin* 7: 1-7.
- Dennis, R. 1984. *Birds of Badenoch and Strathspey*. Roy Dennis Enterprises, North Kessock.

- Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.
- Gordon, P.R. & Clugston, D.L. 1996. Records of species recorded in Scotland on five or fewer occasions. *Scottish Birds* 18: 132-143.
- Mackeith, T.T. 1905. Wryneck nesting in Renfrewshire. *Annals of Scottish Natural History* 1905: 244.
- Mitchell, J. 1970. Lesser Spotted Woodpeckers in Scotland. *Scottish Birds* 6: 210-212.
- Robertson, J. & Mackeith, T.T. 1915. The birds of Renfrewshire. *Scottish Naturalist* 1915: 124-127, 244-250, 268-275.
- Winkler, H., Christie, D.A. & Nurney, D. 1995. *Woodpeckers: a guide to the woodpeckers, piculets and wrynecks of the world*. Pica Press, Robertsbridge.

296 Calandra Lark (4)

- Donnelly, P. 2002. Calandra Lark, North Ronaldsay, 10th-11th May 2002. *Birding Scotland* 5: 57-59.
- Robertson, I.S. 1980. Calandra Lark on Fair Isle. *Scottish Birds* 11: 25-26.
- Tucker, G.M. & Heath, M.F. 1994. *Birds in Europe: their conservation status*. BirdLife Conservation Series No. 3. BirdLife International, Cambridge.
- Turner, S. 1999. The Calandra Lark on Fair Isle, May 1999. *Birding Scotland* 2: 185-186.

297 Bimaculated Lark (2)

- Grimmett, R., Inskip, C. & Inskip, T. 1998. *Birds of the Indian Subcontinent*. Christopher Helm, London.
- Whitehouse, S.M. 1978. Bimaculated Lark in Shetland. *British Birds* 71: 462-463.

298 Greater Short-toed Lark (6)

- British Ornithologists' Union (BOU). 1992a. *Checklist of Birds of Britain and Ireland*. 6th Edition. Helm Information Ltd, London.
- Clarke, W.E. 1904c. On the occurrence of the Short-toed Lark and the Lapland Bunting in the Outer Hebrides. *Annals of Scottish Natural History* 1904: 206-207.
- Clarke, W.E. 1908a. The birds of Fair Isle. - III. Report on observations made during the year 1907. *Annals of Scottish Natural History* 1908: 72-85.
- Clarke, W.E. 1915b. On the occurrence of the Eastern Short-toed Lark at Fair Isle: an addition to the British avifauna. *Scottish Naturalist* 1915: 100-101.
- Gibbins, C. 1999. Short-toed Lark at Newburgh, North-East Scotland, May, 1999. *Birding Scotland* 2: 133-134.
- Svensson, L. 1992. *Identification Guide to European Passerines*. Svensson, Stockholm.

299 Crested Lark (3)

- Venables, L.S.V. & Venables, U.M. 1955. *The Birds and Mammals of Shetland*. Oliver & Boyd, Edinburgh.
- Williamson, K. 1953a. Rare larks at Fair Isle. *Fair Isle Bird Observatory Bulletin* 1 (9): 27-29.
- Williamson, K. 1953b. Rare larks and pipits at Fair Isle in 1952. *British Birds* 46: 210-212.

300 Wood Lark (15)

- Baxter, E.V. & Rintoul, L.J. 1924b. Wood Lark in East Fife. *Scottish Naturalist* 1924: 75.
- Baxter, E.V. & Rintoul, L.J. 1928b. Report on Scottish ornithology in 1927. *Scottish Naturalist* 1928: 105-121, 135-162.
- Baxter, E.V. & Rintoul, L.J. 1929b. Report on Scottish ornithology in 1928. *Scottish Naturalist* 1929: 109-125, 139-156.
- Bowden, C.G.R. 1990. Selection of foraging habitats used by woodlarks (*Lullula arborea*) nesting in pine plantations. *Journal of Applied Ecology* 27: 410-419.
- Bowden, C.G.R. & Hoblyn, R. 1990. The increasing importance of restocked conifer plantations for Woodlarks in Britain: implications and consequences. *RSPB Conservation Review* 4: 26-31.
- Dunn, R. 1848b. Some notes on the birds of Shetland. *Zoologist* 1848: 2187-2188.
- Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
- Eggeling, W.J. 1960a. *The Isle of May: a Scottish nature reserve*. Oliver & Boyd, Edinburgh & London.
- Eggeling, W.J. 1974. The birds of the Isle of May - a revised assessment of status. *Scottish Birds* 8 (supplement): 93-148.
- Hull, R. 2001. *Scottish Birds, Culture and Tradition*. Mercat Press, Edinburgh.
- Rintoul, L.J. & Baxter, E.V. 1927b. Report on Scottish ornithology in 1926. *Scottish Naturalist* 1927: 133-148, 165-187.
- Sitters, H.P. 1986. Woodlarks in Britain, 1968-83. *British Birds* 79: 105-116.
- Sitters, H.P., Fuller, R.J., Hoblyn, R.A., Wright, M.T., Cowie, N. & Bowden, C.G.R. 1996. The Woodlark *Lullula*

- arborea* in Britain: population trends, distribution and habitat occupancy. *Bird Study* 43: 172-187.
- Stewart, W. 1935. Wood Lark in Clyde. *Scottish Naturalist* 1935: 54.
- Wotton, S.R. & Gillings, S. 2000. The status of breeding Woodlarks *Lullula arborea* in Britain in 1997. *Bird Study* 47: 212-224.

301 Sky Lark (24)

- Berthold, P. 2001. *Bird Migration: a general survey*. 2nd Edition. Oxford University Press, Oxford.
- British Ornithologists' Union (BOU). 1992a. *Checklist of Birds of Britain and Ireland*. 6th Edition. Helm Information Ltd, London.
- Brown, A.F. & Stillman, R.A. 1993. Bird-habitat associations in the eastern Highlands of Scotland. *Journal of Applied Ecology* 30: 31-42.
- Browne, S.J., Vickery, J.A. & Chamberlain, D.E. 2000. Densities and population estimates of breeding Skylarks *Alauda arvensis* in Britain in 1997. *Bird Study* 47: 52-65.
- BTO. 2003. Winter farmland bird survey. www.bto.org/survey/complete/wfbs/introduction.htm. Accessed on 15 March 2006.
- Chamberlain, D.E. & Crick, H.Q.P. 1999. Population declines and reproductive performance of Skylarks *Alauda arvensis* in different regions and habitats of the United Kingdom. *Ibis* 141: 38-51.
- Chamberlain, D.E. & Gregory, R.D. 1999. Coarse and fine scale habitat associations of breeding Skylarks *Alauda arvensis* in the U.K. *Bird Study* 46: 34-47.
- Clancey, P.A. 1947b. A new race of the Skylark from the Outer Hebrides. *Bulletin of the British Ornithologists' Club* 68: 11-12.
- Clarke, W.E. 1906c. Some rare birds from Scottish stations. *Annals of Scottish Natural History* 1906: 137-139.
- da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
- Donald, P.F. 2004. *The Skylark*. T. & A.D. Poyser, London.
- Dougall, T.W. 1990a. Breeding passerine communities of five duneland habitats in north-east Fife. *Scottish Naturalist* 1990: 53-67.
- Dougall, T.W. 1996b. Movement and mortality of British-ringed Skylarks *Alauda arvensis*. *Ringing & Migration* 17: 81-92.
- Dougall, T.W. 1997. Biometrics and sex ratios of Skylarks *Alauda arvensis* in winter in south-east Scotland. *Ringing & Migration* 18: 37-49.
- Duncan, R. 1987b. Breeding Skylarks in Aberdeen. *Grampian Ringing Group Report* 5: 49-55.
- Hancock, M. & Avery, M. 1998. Changes in breeding bird populations in peatlands and young forestry in north-east Sutherland and Caithness between 1988 and 1995. *Scottish Birds* 19: 195-205.
- Harvey, P.V. 2003. The Shetland Breeding Bird Survey 2002 and an estimate of the population size of some of Shetland's commoner breeding birds. *Shetland Bird Report* 2002: 108-110.
- Marchant, J.H., Hudson, R., Carter, S.P. & Whittington, P. 1990. *Population Trends in British Breeding Birds*. BTO/JNCC, Tring.
- Nethersole-Thompson, D. & Watson, A. 1974. *The Cairngorms: their natural history and scenery*. Collins, London.
- Owen, D.F. 1953. The autumn migration of the Meadow-Pipit and the Skylark on the Kirkudbright coast. *Scottish Naturalist* 1953: 101-107.
- Pearce-Higgins, J.W. & Grant, M.C. 2002. The effects of grazing-related variations in habitat on the distribution of moorland skylarks *Alauda arvensis* and meadow pipits *Anthus pratensis*. *Aspects of Applied Biology* 67: 155-163.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
- Waterston, G. 1936. Bird notes from Fair Isle. *Scottish Naturalist* 1936: 61-64.

302 Horned Lark (28)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Anon. 1938. The Scottish Ornithologists' Club: Fourth General Meeting, Communications. *Scottish Naturalist* 1938: 94-96.
- Batten, L.A., Dennis, R.H., Prestt, I. & the Rare Breeding Birds Panel. 1979. Rare breeding birds in the United Kingdom in 1977. *British Birds* 72: 363-381.
- British Ornithologists' Union (BOU). 1993b. British Ornithologists' Union Records Committee: 19th Report (May 1993). *Ibis* 135: 493-499.
- Bruce, D. 1895. The Shorelark near Dunbar. *Annals of Scottish Natural History* 1895: 122.
- Campbell, B., Watson Snr., A., Watson, A. & Picozzi, N. 1974. Proof of breeding of Shore Larks. *British Birds* 67: 127.
- Condor, P. & Everett, M. 1977. News and Comment: new breeding birds. *British Birds* 70: 511.
- Ellis, P.M. 1990. Shore Larks nesting in Scotland in 1977. *Scottish Birds* 16: 43-44.
- Ferguson-Lees, I.J. & the Rare Breeding Birds Panel. 1977. Rare breeding birds in the United Kingdom in 1975. *British*

- Garner, M. 1999. An interesting Shorelark in Ireland. *Birding World* 12: 152-154.
- Grierson, J. 1955. Shore-Larks in Fife and Angus. *Scottish Naturalist* 1955: 115.
- Knox, A.G. 1993. Richard Meinertzhagen – a case of fraud examined. *Ibis* 135: 320-325.
- Meiklejohn, M.F.M. 1954. Shore-Larks in East Lothian. *Scottish Naturalist* 1954: 125-126.
- Midlothian Ornithological Club. 1934. Some recent notes on birds in the Forth area. *Scottish Naturalist* 1934: 81-82.
- Munro, I. 1988. *The Birds of the Pentland Hills*. Scottish Academic Press, Edinburgh.
- Ogilvie, M. & the Rare Breeding Birds Panel. 1999b. Rare breeding birds in the United Kingdom in 1997. *British Birds* 92: 389-428.
- Ogilvie, M. & the Rare Breeding Birds Panel. 2001. Rare breeding birds in the United Kingdom in 1999. *British Birds* 94: 344-381.
- Ogilvie, M. & the Rare Breeding Birds Panel. 2002. Rare breeding birds in the United Kingdom in 2000. *British Birds* 95: 542-582.
- Ogilvie, M. & the Rare Breeding Birds Panel. 2003. Rare breeding birds in the United Kingdom in 2001. *British Birds* 96: 476-519.
- Pétursson, G. & Olafsson, E. 1999. A probable Northern Horned Lark in Iceland. *Birding World* 12: 375-376.
- Robertson, D. 1864. An account of a visit to the shores of Dunbar in February last, with descriptive notes on the natural history of the district. *Proceedings of the Natural History Society of Glasgow* 1: 89-90.
- Scott, C. 2005a. Do you still need - Shorelark? *Birding Scotland* 8: 42-44.
- Sharrock, J.T.R., Ferguson-Lees, I.J. & the Rare Breeding Birds Panel. 1975. Rare breeding birds in the United Kingdom in 1973. *British Birds* 68: 5-23.
- Sharrock, J.T.R. & the Rare Breeding Birds Panel. 1978. Rare breeding birds in the United Kingdom in 1976. *British Birds* 71: 11-33.
- Small, B.J. 2001. Possible Horned Lark on the Isles of Scilly in October 2001.
www.surfbirds.com/ID%20Articles/smallhlark/smallhlark0504.html. Accessed on 16 March 2006.
- Smith, J.A. 1860. Ornithological notes. (2) The Shoveller, *Anas clypeata*, Linn.; the Great Grey Shrike, *Lanius excubitor*, Linn.; the Shore Lark, *Alauda alpestris*, Linn. *Proceedings of the Royal Physical Society of Edinburgh* 2: 110-111.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
- Watson, A. 1973. Shore Larks summering and possibly breeding in Scotland. *British Birds* 66: 505-508.

303 Sand Martin (33)

- Alves, M.A.S. 1993. *Breeding ecology and behaviour of a colonial hirundine: a study of the Sand Martin Riparia riparia using DNA fingerprinting*. Unpublished PhD thesis, University of Stirling.
- Baillie, S.R., Marchant, J.H., Crick, H.Q.P., Noble, D.G., Balmer, D.E., Beaven, L.P., Coombes, R.H., Downie, I.S., Freeman, S.N., Joys, A.C., Leech, D.I., Raven, M.J., Robinson, R.A. & Thewlis, R.M. 2005. *Breeding Birds in the Wider Countryside: their conservation status 2004*. BTO Research Report 385. BTO, Thetford.
- Brown, A.W. & Brown, L.M. 1984c. Sand Martin breeding survey [in Lothian] 1983. *Lothian Bird Report* 1983: 101-103.
- Bryant, D.M. & Jones, G. 1995. Morphological changes in a population of Sand Martins *Riparia riparia* associated with fluctuations in population size. *Bird Study* 42: 57-65.
- Cowley, E. 1979. Sand Martin population trends in Britain, 1965-1978. *Bird Study* 26: 113-116.
- Cowley, E. 2005. Rain in winter, rain in summer: life and death for the Sand Martin. *BTO News* 257: 8-9.
- Cowley, E. & Siriwardena, G.M. 2005. Long-term variation in survival rates of Sand Martins *Riparia riparia*: dependence on breeding and wintering ground weather, age and sex, and their population consequences. *Bird Study* 52: 237-251.
- Cunningham, P. 1983a. *The Birds of the Outer Hebrides: a guide to their status and distribution*. The Melven Press, Perth.
- Darroch, J.N. & Young, A.J. 1988. Sand Martin survey of the inner Clyde Area 1987. *Clyde Birds* 1: 78-81.
- Dennis, R. 1995a. *The Birds of Badenoch and Strathspey*. 2nd Edition. Colin Baxter Photography, Grantown-on-Spey.
- Dougall, T.W. 1994. Ringing in the Scottish Borders 1992-93. *Borders Bird Report* 14: 83-91.
- Holmes, P.R., Christmas, S.E. & Parr, A.J. 1987. A study of the return rate and dispersal of Sand Martins *Riparia riparia* at a single colony. *Bird Study* 34: 12-19.
- Jones, G. 1985. *Parent-offspring resource allocation strategies in birds: studies on swallows (Hirundinidae)*. Unpublished PhD thesis, University of Stirling.
- Jones, G. 1986. The distribution and abundance of Sand Martins breeding in central Scotland. *Scottish Birds* 14: 33-38.
- Jones, G. 1987b. Colonization patterns in Sand Martins *Riparia riparia*. *Bird Study* 34: 20-25.
- Jones, G. 1987c. Selection against large size in the Sand Martin *Riparia riparia* during a dramatic population crash. *Ibis* 129: 274-280.
- Kuhnen, K. 1975. Bestandsentwicklung, Verbreitung, Biotop und Siedlungsdichte der Uferschwalbe (*Riparia riparia*) 1966-1973 am Niederrhein. *Charadrius* 11: 1-24.
- MacKinnon, J. & Phillipps, K. 2000. *A Field Guide to the Birds of China*. Oxford University Press, Oxford.

- Mead, C.J. 1979. Colony fidelity and interchange in the Sand Martin. *Bird Study* 26: 99-106.
- Mead, C.J. & Harrison, J.D. 1979. Sand Martin movements within Britain and Ireland. *Bird Study* 26: 73-86.
- Morgan, R.A. 1979. Sand Martin nest record cards. *Bird Study* 26: 129-132.
- Moyes, S. 1989a. The origins of the roosting Sand Martin flocks in the Tay reedbed. *Tay Ringing Group Report* 1987-88: 16-25.
- Moyes, S. 1989b. The recovery of the Sand Martin in Perthshire. *Perth & Kinross Bird Report* 1988: 21-26.
- Murray, R. 1999d. A survey of Borders Sand Martins 1998. *Borders Bird Report* 18: 93-97.
- Persson, C. 1987. Sand Martin *Riparia riparia* populations in south-west Scania, Sweden, 1964-1968. *Journal of Zoology, London Series B* 1: 619-637.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Robson, C. 2000. *A Field Guide to the Birds of South-East Asia*. New Holland, London.
- Smith, R.T. 1994b. A successful artificial Sand Martin banking. *Scottish Birds* 17: 237-238.
- Swallow, J.L. 1990. Sand Martin ringing at Potarch sand quarry, 1989. *North-East Scotland Bird Report* 1989: 59-61.
- Turner, A. & Rose, C. 1989. *Swallows and Martins of the World*. Christopher Helm, London.
- Turner, A.K. 1980. *The use of time and energy by aerial feeding birds*. Unpublished PhD thesis, University of Stirling.
- Turner, A.K. & Bryant, D.M. 1979. Growth of nestling Sand Martins. *Bird Study* 26: 117-122.
- Young, A.J. 1990. Population increase of Sand Martins [in Clyde] 1988. *Clyde Birds* 2: 71-73.

304 Tree Swallow (1)

Turner, A. & Rose, C. 1989. *Swallows and Martins of the World*. Christopher Helm, London.

305 Purple Martin (6)

- Coyle, S., Grant, T. & Witherall, M. 2004a. The Purple Martin on the Outer Hebrides - a new Western Palearctic bird. *Birding World* 17: 381-389.
- Coyle, S.P., Grant, T. & Witherall, M. 2004b. Purple Martin on Lewis - a first for the Western Palearctic. *Birding Scotland* 7: 199-202.
- Coyle, S.P., Grant, T.C.R. & Witherall, M.J. 2007. Purple Martin on Lewis: new to Britain. *British Birds* 100: 143-148.
- Gantlett, S. 1990. Twelve predictions for the British List. *Birding World* 3: 273-277.
- Rogers, M.J. & the Rarities Committee. 2005. Report on rare birds in Great Britain in 2004. *British Birds* 98: 628-694.
- Turner, A. & Rose, C. 1989. *Swallows and Martins of the World*. Christopher Helm, London.

306 Eurasian Crag Martin (3)

- Grimmett, R., Inskipp, C. & Inskipp, T. 1998. *Birds of the Indian Subcontinent*. Christopher Helm, London.
- Turner, A. & Rose, C. 1989. *Swallows and Martins of the World*. Christopher Helm, London.
- Williams, J. 1999. Crag Martin, Finstown, Orkney, 3rd May 1999 – a first for Scotland. *Birding Scotland* 2: 137-138.

307 Barn Swallow (18)

- Broad, R.A. 1977. Probable Swallow x House Martin hybrid. *Scottish Birds* 9: 301-302.
- Butterfield, D.P. & Ramsay, A.D.K. 1998. Breeding biology of Swallows in Easter Ross. *Scottish Birds* 19: 141-144.
- da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
- Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
- Evans, K.L., Wilson, J.D. & Bradbury, R.B. 2003a. Swallow *Hirundo rustica* population trends in England: data from repeated historical surveys. *Bird Study* 50: 178-181.
- Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.
- Huin, N. & Sparks, T.H. 1998. Arrival and progression of the Swallow *Hirundo rustica* through Britain. *Bird Study* 45: 361-370.
- Lynch, B.M. 1984. Mass and population structure of emigrating Swallows (*Hirundo rustica*) in roosts in Tayside (1972-1982). *Tay Ringing Group Report* 1982-83: 28-44.
- McGinn, D.B. 1979. Status and breeding biology of Swallows in Banffshire. *Scottish Birds* 10: 221-229.
- McGinn, D.B. & Clark, H. 1978. Some measurements of swallow breeding biology in lowland Scotland. *Bird Study* 25: 109-118.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Robinson, R.A., Crick, H.Q.P. & Peach, W.J. 2003. Population trends of Swallows *Hirundo rustica* breeding in Britain. *Bird Study* 50: 1-7.
- Thompson, M.L.P. 1992. *Reproductive success and survival of Swallows (Hirundo rustica): effects of age and breeding condition*. Unpublished PhD thesis, University of Stirling.

- Turner, A. 2006. *The Swallow*. T. & A.D. Poyser, London.
- Turner, A. & Rose, C. 1989. *Swallows and Martins of the World*. Christopher Helm, London.
- Turner, A.K. 1980. *The use of time and energy by aerial feeding birds*. Unpublished PhD thesis, University of Stirling.
- Ward, S. 1995. Causes and consequences of egg size variation in swallows *Hirundo rustica*. *Avocetta* 19: 201-208.
- Waugh, D.R. 1978. *Predation strategies in aerial feeding birds*. Unpublished PhD thesis, University of Stirling.

308 Red-rumped Swallow (6)

- British Ornithologists' Union (BOU). 1971. *The Status of Birds in Britain and Ireland*. Blackwell Scientific Publications, Oxford.
- Clarke, W.E. 1906a. Exhibition of birds new to the British fauna:- *Phylloscopus tristis* from Suliskerry and *Hirundo rufula* from Fair Isle. *Bulletin of the British Ornithologists' Club* 19: 18.
- Clarke, W.E. 1906d. On the occurrence of the Red-rumped Swallow (*Hirundo rufula*) at Fair Isle: a new bird to the British fauna. *Annals of Scottish Natural History* 1906: 205-207.
- Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
- Simpson, J.H. & Broyd, S.J. 1973. Red-rumped Swallows in Shetland. *Scottish Birds* 7: 260-261.
- Turner, A. & Rose, C. 1989. *Swallows and Martins of the World*. Christopher Helm, London.

309 House Martin (16)

- Broad, R.A. 1977. Probable Swallow x House Martin hybrid. *Scottish Birds* 9: 301-302.
- Bryant, D.M. 1978b. Environmental influences on growth and survival of nestling House Martins, *Delichon urbica*. *Ibis* 120: 271-283.
- Bryant, D.M. 1979. Reproductive costs in the house martin (*Delichon urbica*). *Journal of Animal Ecology* 48: 655-675.
- Clark, F. & McNeil, D.A.C. 1980. Cliff-nesting colonies of House Martins *Delichon urbica* in Great Britain. *Ibis* 122: 27-42.
- Cobb, J. 2005b. Presumed House Martin/Swallow hybrid - Kilconquhar Loch, Fife, August 2004. *Birding Scotland* 8: 135-136.
- Fergusson, J.L.F. 1971. House Martins nesting at Golden Eagles' eyrie. *Scottish Birds* 6: 336.
- Matson, D. 2003. Orkney Field Club House Martin Project - report on first year (2001). *The Orkney Naturalist* 2002: 8-11.
- Matson, D. 2004. OFC House Martin Project - year two report - 2002. *The Orkney Naturalist* 2003: 29-32.
- Matson, D. 2005. House Martin Project - year three report 2003. *The Orkney Naturalist* 2004: 18-23.
- Matson, D. 2006. House Martin nesting in Orkney. *The Orkney Naturalist* 2005: 21-22.
- McMillan, R.L. 2005. *Skye Birds: an illustrated guide to the birds of Skye*. Skye-birds.com, Elgol.
- Oliver, D.W. 1975a. A cause of decline in farmyard House Martin colonies. *Scottish Birds* 8: 325-327.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Riley, H.T. 1992a. *Reproductive success in martins (Hirundinidae). Studies of the behaviour and ecology of individuals using DNA fingerprinting*. Unpublished PhD thesis, University of Stirling.
- Turner, A. & Rose, C. 1989. *Swallows and Martins of the World*. Christopher Helm, London.
- Turner, A.K. 1982. Counts of aerial-feeding birds in relation to pollution levels. *Bird Study* 29: 221-226.

310 Richard's Pipit (15)

- Alström, P., Mild, K. & Zetterström, B. 2003. *Pipits and Wagtails of Europe, Asia and North America*. Christopher Helm, London.
- Clarke, W.E. 1909b. The birds of Fair Isle. - IV. Report on observations made during the year 1908. *Annals of Scottish Natural History* 1909: 69-75.
- Fraser, P.A. & Rogers, M.J. 2001. Report on scarce migrant birds in Britain in 1999. *British Birds* 94: 560-589.
- Fraser, P.A. & Rogers, M.J. 2002. Report on scarce migrant birds in Britain in 2000. *British Birds* 95: 606-630.
- Fraser, P.A. & Rogers, M.J. 2003. Report on scarce migrant birds in Britain in 2001. *British Birds* 96: 626-649.
- Fraser, P.A. & Rogers, M.J. 2004. Report on scarce migrant birds in Britain in 2002. Part 1: European Bee-eater to Little Bunting. *British Birds* 97: 647-664.
- Fraser, P.A. & Rogers, M.J. 2006b. Report on scarce migrant birds in Britain in 2003. Part 2: Short-toed Lark to Little Bunting. *British Birds* 99: 129-147.
- Gilroy, J.J. & Lees, A.C. 2003. Vagrancy theories: are autumn vagrants really reverse migrants? *British Birds* 96: 427-438.
- Holloway, J. 1992. Richard's Pipits on Stronsay. *Scottish Birds* 16: 225.
- Millais, J.G. 1886. American Golden Plover and Richard's Pipit in Scotland. *Zoologist* 1886: 26-27.
- Sangster, G., Collinson, J.M., Helbig, A.J., Knox, A.G. & Parkin, D.T. 2005. Taxonomic recommendations for British birds: third report. *Ibis* 147: 821-826.
- Sharrock, J.T.R. 1974. *Scarce Migrant Birds in Britain and Ireland*. T. & A.D. Poyser, Berkhamsted.

- Tomlinson, M.R. 1914. Richard's Pipit in Midlothian. *Scottish Naturalist* 1914: 19-20.
 Tulloch, R.J. 1967b. Richard's Pipit in Shetland. *Scottish Birds* 4: 507-508.
 Williamson, K. 1953d. Richard's Pipit in mid-August [on Fair Isle]. *Fair Isle Bird Observatory Bulletin* 2: 14.

311 Blyth's Pipit (3)

- Alström, P., Mild, K. & Zetterström, B. 2003. *Pipits and Wagtails of Europe, Asia and North America*. Christopher Helm, London.
 Leitch, A. 1993. The Blyth's Pipit on Fair Isle. *Birding World* 6: 435-436.
 Russell, D. 1988. Blyth's Pipit on Fair Isle - the second British record. *Birding World* 1: 395-397.

312 Tawny Pipit (12)

- Alström, P., Mild, K. & Zetterström, B. 2003. *Pipits and Wagtails of Europe, Asia and North America*. Christopher Helm, London.
 Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
 Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
 Gibbins, C. 2002a. Tawny Pipit, Foveran, North-east Scotland. *Birding Scotland* 5: 62-64.
 Lee, S.L.B. 1962. Yellow-browed Warbler and Tawny Pipit in Lewis. *Scottish Birds* 2: 250-251.
 Macgregor, K.S. & Hamilton, F.D. 1952. Tawny Pipit in East Lothian. *Scottish Naturalist* 1952: 167-168.
 Sharrock, J.T.R. 1974. *Scarce Migrant Birds in Britain and Ireland*. T. & A.D. Poyser, Berkhamsted.
 Simpson, J.H. 1971. Tawny Pipit in Shetland. *Scottish Birds* 6: 338.
 Tulloch, R.J. 1967b. Richard's Pipit in Shetland. *Scottish Birds* 4: 507-508.
 Waterston, G. 1936. Bird notes from Fair Isle. *Scottish Naturalist* 1936: 61-64.
 Waterston, G. 1945a. Notes from Fair Isle, 1939-45. *British Birds* 38: 228-231.
 Williamson, K. 1952a. Tawny Pipit at Fair Isle. *Scottish Naturalist* 1952: 50-51.

313 Olive-backed Pipit (5)

- Brown, A. 1994. Olive-backed Pipit at East Barns. *Lothian Bird Report* 1993: 122-124.
 Dennis, R.H. 1967a. Olive-backed Pipits on Fair Isle: a species new to Britain and Ireland. *British Birds* 60: 161-166.
 Gantlett, S. 2004: the Western Palearctic year. *Birding World* 18: 17-40.
 Gilroy, J.J. & Lees, A.C. 2003. Vagrancy theories: are autumn vagrants really reverse migrants? *British Birds* 96: 427-438.
 Rabøl, J. 1969. Reversed migration as the cause of westward vagrancy by four *Phylloscopus* warblers. *British Birds* 62: 89-92.

314 Tree Pipit (14)

- Alström, P., Mild, K. & Zetterström, B. 2003. *Pipits and Wagtails of Europe, Asia and North America*. Christopher Helm, London.
 Bibby, C.J., Bain, C.G. & Burges, D.J. 1989. Bird communities of highland birchwoods. *Bird Study* 36: 123-133.
 Bibby, C.J., Phillips, B.N. & Seddon, A.J.E. 1985. Birds of restocked conifer plantations in Wales. *Journal of Applied Ecology* 22: 619-633.
 Borrow, N. & Demey, R. 2001. *Birds of Western Africa*. Christopher Helm, London.
 Currie, F.A. & Bamford, R. 1981. Bird populations of sample pre-thicket forest plantations. *Quarterly Journal of Forestry* 75: 75-82.
 Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
 Gregory, R.D., Wilkinson, N.I., Noble, D.G., Robinson, J.A., Brown, A.F., Hughes, J., Procter, D., Gibbons, D.W. & Galbraith, C.A. 2002. The population status of birds in the United Kingdom, Channel Islands and Isle of Man: an analysis of conservation concern 2002-2007. *British Birds* 95: 410-448.
 Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
 Shaw, G. 1974b. *The breeding bird community of Craigrostan (North) Oakwoods*. Unpublished report to NCC, Balloch.
 Shaw, G. 1975. *The breeding bird community of Glen Falloch Oakwood in 1975*. Unpublished report to NCC, Balloch.
 Williamson, K. 1972. The conservation of bird life in the new coniferous forests. *Forestry* 45: 87-100.
 Williamson, K. 1974a. Breeding birds in the deciduous woodlands of Mid-Argyll, Scotland. *Bird Study* 21: 29-44.
 Williamson, K. 1974b. Oakwood breeding bird communities in the Loch Lomond National Nature Reserve. *Quarterly Journal of Forestry* 68: 9-28.
 Yapp, W.B. 1974. Birds of the northwest Highland birchwoods. *Scottish Birds* 8: 16-31.

315 Pechora Pipit (11)

- Alström, P., Mild, K. & Zetterström, B. 2003. *Pipits and Wagtails of Europe, Asia and North America*. Christopher Helm, London.
- Broad, R.A., Holmes, P. & Robertson, I.S. 1973. Pechora Pipit on Fair Isle. *Scottish Birds* 7: 263-264.
- Doyle, P. 1994. Pechora Pipit at St. Fergus on 10 October 1993; the first record for North-East Scotland. *North-East Scotland Bird Report* 1993: 85-87.
- Harvey, P.V. 1989. Pechora Pipit identification. *Birding World* 2: 370.
- MacKinnon, J. & Phillipps, K. 2000. *A Field Guide to the Birds of China*. Oxford University Press, Oxford.
- Osborn, K. 1998. Do you still need - Pechora Pipit? *Birding Scotland* 1: 163.
- Riddiford, N. & Ellis, P. 1988. Calls of Pechora Pipit. *British Birds* 81: 469-470.
- Riddiford, N. & Harvey, P.V. 1988. Dark neck spot of Pechora Pipit. *British Birds* 81: 469.
- Stenhouse, J.H. 1925c. The Petchora Pipit at Fair Isle: an addition to the British avifauna. *Scottish Naturalist* 1925: 141-142.
- Williamson, K. 1965. *Fair Isle and its Birds*. Oliver & Boyd, Edinburgh.
- Witherby, H.F. 1926. On some new British birds. *British Birds* 20: 11-16.

316 Meadow Pipit (23)

- Alström, P., Mild, K. & Zetterström, B. 2003. *Pipits and Wagtails of Europe, Asia and North America*. Christopher Helm, London.
- BTO. 2003. Winter farmland bird survey. www.bto.org/survey/complete/wfbs/introduction.htm. Accessed on 15 March 2006.
- Clancey, P.A. 1942a. A new race of Meadow-Pipit. *Bulletin of the British Ornithologists' Club* 63: 6-7.
- Coulson, J.C. 1956. Mortality and egg production of the Meadow Pipit, with special reference to altitude. *Bird Study* 3: 119-132.
- Crick, H.Q.P., Marchant, J.H., Noble, D.G., Baillie, S.R., Balmer, D.E., Beaven, L.P., Coombes, R.H., Downie, I.S., Freeman, S.N., Joys, A.C., Leech, D.I., Raven, M.J., Robinson, R.A. & Thewlis, R.M. 2004. *Breeding Birds in the Wider Countryside: their conservation status 2003*. BTO Research Report 353. BTO, Thetford.
- da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
- Dougall, T.W. 1990a. Breeding passerine communities of five duneland habitats in north-east Fife. *Scottish Naturalist* 1990: 53-67.
- Dougall, T.W. 1993. Post-juvenile moult and dispersal in the Meadow Pipit *Anthus pratensis*. *Ringing & Migration* 14: 137-142.
- Dougall, T.W. & Craig, R.S. 1997. Duration of post-juvenile moult in the Meadow Pipit *Anthus pratensis*. *Ringing & Migration* 18: 35-36.
- Forrester, R.W. 2004. The breeding birds of Inchmarnock – an evolving avifauna. *Transactions of the Buteshire Natural History Society* 26: 108-120.
- Henderson, I.G., Fuller, R.J., Conway, G.J. & Gough, S.J. 2004a. Evidence for declines in populations of grassland-associated birds in marginal upland areas of Britain. *Bird Study* 51: 12-19.
- Keymer, R. 1980. The breeding birds of Red Moss nature reserve. *Edinburgh Ringing Group Report* 8: 10-17.
- Maguire, E. 1985. Tape-luring Meadow Pipits. *Ringers' Bulletin* 6 (7): 84.
- Marchant, J.H., Hudson, R., Carter, S.P. & Whittington, P. 1990. *Population Trends in British Breeding Birds*. BTO/JNCC, Tring.
- Meinertzhagen, R. 1953. On some west Irish birds and a suggestion for the use of the cline. *Bulletin of the British Ornithologists' Club* 73: 41-44.
- Pearce-Higgins, J.W. & Grant, M.C. 2002. The effects of grazing-related variations in habitat on the distribution of moorland skylarks *Alauda arvensis* and meadow pipits *Anthus pratensis*. *Aspects of Applied Biology* 67: 155-163.
- Porter, R. 2005. 'Orange-breasted' Meadow Pipits - an identification pitfall. *Birding World* 18: 169-172.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Rose, L.N. 1982. Breeding ecology of British pipits and their Cuckoo parasite. *Bird Study* 29: 27-40.
- Scottish Executive. 2005. *Key Scottish Environment Statistics 2005*. Scottish Executive, Edinburgh.
- Svensson, L. 1992. *Identification Guide to European Passerines*. Svensson, Stockholm.
- Turnbull, S.C. 1984. Feeding flocks of Wheatears and Meadow Pipits after heavy spring snowfalls. *British Birds* 77: 159.
- Vanhinsbergh, D.P. & Chamberlain, D.E. 2001. Habitat associations of breeding Meadow Pipits *Anthus pratensis* in the British uplands. *Bird Study* 48: 159-172.

317 Red-throated Pipit (11)

- Alström, P., Mild, K. & Zetterström, B. 2003. *Pipits and Wagtails of Europe, Asia and North America*. Christopher Helm, London.
- Anon. 1910. The birds of Fair Isle. *British Birds* 2: 422-424.

- Baxter, P.A.A. & Schofield, R.A. 2000. The Rattray Pipit. *Birding Scotland* 3: 131-135.
- Clarke, W.E. 1909b. The birds of Fair Isle. - IV. Report on observations made during the year 1908. *Annals of Scottish Natural History* 1909: 69-75.
- Clarke, W.E. 1912a. *Studies in Bird Migration*. Two volumes. Gurney & Jackson, London.
- Clarke, W.E. 1914a. On some rare and interesting migratory birds observed at the Orcadian island of Auskerry in the autumn of 1913. *Scottish Naturalist* 1914: 5-8.
- Fox, K.L. 1967. Red-throated Pipits in Shetland in spring. *Scottish Birds* 4: 377-378.
- Grimmett, R., Inskipp, C. & Inskipp, T. 1998. *Birds of the Indian Subcontinent*. Christopher Helm, London.
- Palmer, P. 2000. *First for Britain and Ireland, 1600-1999*. Arlequin Press, Chelmsford.
- Pennington, M. 2005b. Additional information on three firsts for Britain recorded from Shetland. *Shetland Bird Report* 2004: 119-120.
- Waters, W.E. 1962. Red-throated Pipit at St Kilda. *Scottish Birds* 2: 100-101.

318 Rock Pipit (25)

- Andrews, I.J. 1989. Scandinavian Rock Pipits in the Lothians. *Lothian Bird Report* 1988: 73-74.
- Boyd, T. & Smith, R.W.J. 1959. Rock Pipit in Kinross. *Scottish Birds* 1: 97.
- British Ornithologists' Union (BOU). 1971. *The Status of Birds in Britain and Ireland*. Blackwell Scientific Publications, Oxford.
- British Ornithologists' Union (BOU). 1986. British Ornithologists' Union Records Committee: 12th Report. *Ibis* 128: 601-603.
- British Ornithologists' Union (BOU). 1992a. *Checklist of Birds of Britain and Ireland*. 6th Edition. Helm Information Ltd, London.
- Brown, A. & Grice, P. 2005. *Birds in England*. T. & A.D. Poyser, London.
- Clarke, W.E. 1912a. *Studies in Bird Migration*. Two volumes. Gurney & Jackson, London.
- Cobb, J.L.S. 1966. Scandinavian Rock Pipits in Scotland in spring. *Scottish Birds* 4: 100.
- Evans, P.R. 1966b. Some results from the ringing of Rock Pipits on Skokholm 1952-1965. *Report of Skokholm Bird Observatory* 1966: 22-27.
- Fisher, I. 1999. Spring identification of spring *littoralis* Rock Pipit. *Birding Scotland* 2: 182-183.
- Gibb, J. 1956. Food, feeding habits and territory of the Rock Pipit *Anthus spinolella*. *Ibis* 98: 506-530.
- Harvey, P.V. 2003. The Shetland Breeding Bird Survey 2002 and an estimate of the population size of some of Shetland's commoner breeding birds. *Shetland Bird Report* 2002: 108-110.
- Knox, A.G. 1988. Taxonomy of the Rock/Water Pipit superspecies *Anthus petrosus*, *spinolella* and *rubescens*. *British Birds* 81: 206-211.
- Macaulay Land Use Research Institute. 1993. *The Land Cover of Scotland 1988: Executive Summary*.
- MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
- Meiklejohn, M.F.M. 1966. Scandinavian Rock Pipits in Scotland in spring. *Scottish Birds* 4: 100-101.
- Murray, S. 2002b. The birds of St Kilda. *Scottish Birds* 23 (supplement): 1-64.
- Pennant, T. 1789. Sketch of Caledonian Zoology. In: Lightfoot, J. (ed.) *Flora Scotica*. 2nd edition, pp 1-66. Faulder, London.
- Ramsay, A.D.K. 1976. Rock Pipits rearing young Robin. *Scottish Birds* 9: 126.
- Reeves, S.A. & Schofield, R.A. 1999. The status of Water Pipit in Scotland. *Birding Scotland* 2: 68-72.
- Stout, G. 1912. Rock-pipit on the Clyde Estuary. *Scottish Naturalist* 1912: 89.
- Tucker, J.J. 1981. Rock Pipit territory densities in Britain. *British Birds* 74: 525-526.
- Vaurie, C. 1959. *The Birds of the Palaearctic Fauna. Passeriformes*. H.F. & G. Witherby, London.
- Williamson, K. 1964b. A census of breeding land-birds on Hirta, St Kilda, in summer 1963. *Bird Study* 11: 153-167.
- Wills, J. 1999. A survey of Rock Pipits on the North-east Scotland coast, winter 1998. *North-East Scotland Bird Report* 1998: 118-121.

319 Water Pipit (12)

- Alström, P. & Mild, K. 1996. The identification of Rock, Water and Buff-bellied Pipits. *Alula* 2: 161-175.
- Alström, P., Mild, K. & Zetterström, B. 2003. *Pipits and Wagtails of Europe, Asia and North America*. Christopher Helm, London.
- Brown, A. & Grice, P. 2005. *Birds in England*. T. & A.D. Poyser, London.
- Grimmett, R., Inskipp, C. & Inskipp, T. 1998. *Birds of the Indian Subcontinent*. Christopher Helm, London.
- Johnson, I.G. 1970. The Water Pipit as a winter visitor to the British Isles. *Bird Study* 17: 297-319.
- Knox, A.G. 1988. Taxonomy of the Rock/Water Pipit superspecies *Anthus petrosus*, *spinolella* and *rubescens*. *British Birds* 81: 206-211.
- Macdonald, M.A. & Macgregor, R. 1970. Water Pipits in Scotland. *Scottish Birds* 6: 51-52.
- MacKinnon, J. & Phillipps, K. 2000. *A Field Guide to the Birds of China*. Oxford University Press, Oxford.
- Reeves, S.A. & Schofield, R.A. 1999. The status of Water Pipit in Scotland. *Birding Scotland* 2: 68-72.
- Stalker, A. 2000. Water Pipit (*Anthus spinolella*) at Bernhervie, 12-30 January 1999 – the first for North-east Scotland.

- North-East Scotland Bird Report* 1999: 115-116.
 Stewart, A.G. 1971. Water Pipit in Ayrshire. *Scottish Birds* 6: 448.
 Wilson, M.G. 1970. Water Pipits in Scotland. *Scottish Birds* 6: 50-51.

320 Buff-bellied Pipit (4)

- Alström, P., Mild, K. & Zetterström, B. 2003. *Pipits and Wagtails of Europe, Asia and North America*. Christopher Helm, London.
 Clarke, W.E. 1911b. The birds of St Kilda. *Annals of Scottish Natural History* 1911: 51-52.
 Porter, R.F., Christensen, S. & Schiermacker-Hansen, P. 1996. *Field Guide to the Birds of the Middle East*. T. & A.D. Poyser, London.
 Williamson, K. 1954e. Probable American Pipit at Fair Isle. *Scottish Naturalist* 1954: 53-54.

321 Yellow Wagtail (27)

- Alström, P., Mild, K. & Zetterström, B. 2003. *Pipits and Wagtails of Europe, Asia and North America*. Christopher Helm, London.
 Baxter, E.V. 1955. Review of ornithological changes in Scotland in 1953. *Scottish Naturalist* 1955: 98-105.
 Brown, A. & Grice, P. 2005. *Birds in England*. T. & A.D. Poyser, London.
 Clarke, W.E. 1913c. Two new birds to the Scottish Fauna. I. On the occurrence of Sykes's Blue-headed Wagtail at Fair Isle. *Scottish Naturalist* 1913: 153-154.
 Craig, J. & Barr, M. 1912. The birds of the parish of Beith and neighbourhood. *Glasgow Naturalist* 4: 97-114.
 Dennis, R.H. 1970e. Black-headed Wagtail at Fair Isle. *Scottish Birds* 6: 215-216.
 Dubois, P.J. 2001. Les formes nicheuses de la Bergeronnette printanière *Motacilla flava* en France. *Ornithos* 8: 44-71.
 Eaton, M.A., Noble, D.G., Cranswick, P.A., Carter, N., Wotton, S., Ratcliffe, N., Wilson, A., Hilton, G.M. & Gregory, R.D. 2003. *The State of the UK's Birds*. BTO/RSPB/WWT.
 Forrester, R.W. on behalf of Scottish Birds Records Committee. 2004. Amendments to Scottish List - species and subspecies. *Scottish Bird Report* 2001: 7-12.
 Garner, M. & Rivers, S.L. 2003. When field guides are not enough - the Grey-headed Wagtail at Torness. *Birding Scotland* 6: 107-109.
 Gibson, I.P. 1983. Yellow Wagtails in Ayrshire. *Ayrshire Bird Report* 1982: 4-6.
 Hoy, J. 1959. Unusual Flava Wagtail in Fife. *Scottish Birds* 1: 127-128.
 Marshall, T. 1998. Black-headed Wagtail, Rattray - a first for North-east Scotland. *Birding Scotland* 1: 174-175.
 Mason, C.F. & Lyczynski, F. 1980. Breeding biology of the Pied and Yellow Wagtails. *Bird Study* 27: 1-10.
 Murray, R. 1986. *The Birds of the Borders*. Scottish Ornithologists' Club, Borders Branch, Penicuik.
 Murray, S. 2002b. The birds of St Kilda. *Scottish Birds* 23 (supplement): 1-64.
 Nelson, S.H. 2001. *The ecology of the Yellow Wagtail Motacilla flava flavissima at Deeping St Nicholas, Lincolnshire*. Unpublished MSc thesis.
 Paterson, J. 1898b. The Blue-headed Wagtail in Lanarkshire. *Annals of Scottish Natural History* 1898: 179.
 Paton, E.R. 1924. Scarcity of Yellow Wagtail. *British Birds* 18: 55.
 Paton, E.R. & Pike, O.G. 1929. *The Birds of Ayrshire*. H.F. & G. Witherby, London.
 Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
 Robertson, I.S. 1970b. Black-headed Wagtail in Shetland. *Scottish Birds* 6: 176.
 Stewart, W. 1925. Black-headed Wagtail - first recorded appearance in Scotland. *Scottish Naturalist* 1925: 107.
 Stewart, W. 1928b. Studies of some Lanarkshire birds: the Yellow Wagtail and the Blackcap. *Scottish Naturalist* 1928: 183-187.
 Waterston, G. 1937a. Bird notes from Shetland. *Scottish Naturalist* 1937: 25-31.
 Williamson, K. 1955b. Migrational drift and the Yellow Wagtail complex. *British Birds* 48: 382-403.
 Williamson, K. & Ferguson-Lees, I.J. 1955. Plumage and structural characters in the Yellow-headed Wagtail. *British Birds* 48: 358-362.

322 Citrine Wagtail (7)

- Alström, P., Mild, K. & Zetterström, B. 2003. *Pipits and Wagtails of Europe, Asia and North America*. Christopher Helm, London.
 Baxter, E.V. 1956. Review of ornithological changes in Scotland in 1954. *Scottish Naturalist* 1956: 1-9.
 Brown, A. & Gordon, P.R. 1984b. Citrine Wagtail at Drem. *Lothian Bird Report* 1983: 98-99.
 Dennis, R.H. 1973c. Citrine Wagtail at Inverness. *Scottish Birds* 7: 316-317.
 Reeves, S.A. 1999. Citrine Wagtail (*Motacilla citreola*) at Girdleness: first for North-east Scotland. *North-East Scotland Bird Report* 1998: 121-124.
 Williamson, K. 1955a. Two Yellow-headed Wagtails at Fair Isle: a new British bird. *British Birds* 48: 26-29.
 Williamson, K. & Ferguson-Lees, I.J. 1955. Plumage and structural characters in the Yellow-headed Wagtail. *British*

323 Grey Wagtail (9)

- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Cowper, C.N.L. 1973. Breeding distribution of Grey Wagtails, Dippers and Common Sandpipers on the Midlothian Esk. *Scottish Birds* 7: 302-306.
- Cunningham, W.A.J. 1958b. Grey Wagtail breeding in Lewis. *Scottish Birds* 1: 19-20.
- Murray, R.D. 1988. The 1987 B.T.O. sawbill census. *Borders Bird Report* 1987: 62-80.
- Robinson, R.A. 2005. *BirdFacts: species profiles of birds occurring in Britain and Ireland*. BTO Research Report 407. BTO, Thetford.
- Tyler, S.J. 1972. Breeding biology of the Grey Wagtail. *Bird Study* 19: 69-80.
- Tyler, S.J. 1979. Mortality and movements of Grey Wagtails. *Ringing & Migration* 2: 122-131.
- Tyler, S.J. & Ormerod, S.J. 1991. The influence of stream acidification and riparian land-use on the breeding biology of Grey Wagtails *Motacilla cinerea* in Wales. *Ibis* 133: 286-292.
- Tyler, S.J. & Ormerod, S.J. 1994. *The Dippers*. T. & A.D. Poyser, London.

324 White/Pied Wagtail (40)

- Alström, P., Mild, K. & Zetterström, B. 2003. *Pipits and Wagtails of Europe, Asia and North America*. Christopher Helm, London.
- Anderson, P. 1908. Probable nesting of the White Wagtail in the N. W. Highlands. *Annals of Scottish Natural History* 1908: 253.
- Baillie, R.S. 1969. Pied Wagtails feeding on floating hay bales. *Scottish Birds* 5: 398.
- Baillie, S.R., Marchant, J.H., Crick, H.Q.P., Noble, D.G., Balmer, D.E., Beaven, L.P., Coombes, R.H., Downie, I.S., Freeman, S.N., Joys, A.C., Leech, D.I., Raven, M.J., Robinson, R.A. & Thewlis, R.M. 2005. *Breeding Birds in the Wider Countryside: their conservation status 2004*. BTO Research Report 385. BTO, Thetford.
- Bain, J. 1925. White Wagtail nesting near Oban. *Scottish Naturalist* 1925: 152.
- Berthold, P. 2001. *Bird Migration: a general survey*. 2nd Edition. Oxford University Press, Oxford.
- Borrow, N. & Demey, R. 2001. *Birds of Western Africa*. Christopher Helm, London.
- British Ornithologists' Union (BOU). 2002. British Ornithologists' Union Records Committee: 28th Report (October 2001). *Ibis* 144: 181-184.
- BTO. 2003. Winter farmland bird survey. www.bto.org/survey/complete/wfbs/introduction.htm. Accessed on 15 March 2006.
- Campbell, B. 1962. Food of Pied Wagtail. *Scottish Birds* 2: 101-102.
- Clarke, W.E. 1912a. *Studies in Bird Migration*. Two volumes. Gurney & Jackson, London.
- Davis, P. 1966. The movement of Pied Wagtails as shown by ringing. *Bird Study* 13: 147-162.
- Dobinson, H.M. & Richards, A.J. 1964. The effects of the severe winter of 1962/63 on birds in Britain. *British Birds* 57: 373-434.
- Dougall, T.W. 1984. Unusual roost-site of Pied Wagtails. *Scottish Birds* 13: 115-116.
- Dougall, T.W. 1991. Winter distribution and associated movements of northern Pied Wagtails *Motacilla alba yarrellii*. *Ringing & Migration* 12: 1-15.
- Dougall, T.W. 1992. Post-fledging dispersal of British Pied Wagtails *Motacilla alba yarrellii*. *Ringing & Migration* 13: 21-26.
- Dougall, T.W. 1996c. Timing of autumn migration of Pied Wagtails *Motacilla alba yarrellii* in northern Britain. *Ringing & Migration* 17: 139-141.
- Dougall, T.W. & Appleton, G.F. 1989. Winter weights and age structure of a population of Pied Wagtails at a southern Scotland roost. *Ringing & Migration* 10: 83-88.
- Duncan, A. 1987a. Pied Wagtail roost at Aberdeen Airport. *Grampian Ringing Group Report* 5: 44-48.
- Elphick, D. 2005. *South West Alba Wagtail Group Newsletter* No. 2 (Spring 2005).
- Evans, W. 1886b. Notes on the occurrence of the Stock Dove and White Wagtail in East Lothian. *Proceedings of the Royal Physical Society of Edinburgh* 9: 186.
- Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.
- Harris, S., Morris, P., Wray, S. & Yalden, D.W. 1995. *A Review of British Mammals: population estimates and conservation status of British mammals other than cetaceans*. Joint Nature Conservation Committee, Peterborough.
- Harrison, C. 1975. *A Field Guide to the Nests, Eggs and Nestlings of British and European Birds*. Collins, London.
- Livingstone, I. 2001. The Strathclyde Park wagtail roost, autumn 1999. *Clyde Birds* 13: 187-189.
- Livingstone, I. 2006. Alba wagtail identification. www.the-soc.zenwebhosting.com/docs/white-wagtail-id.pdf. Accessed on 26 October 2006.
- Mackay, I.R.K. & Sellers, R.M. 1989. Male-biased sex ratios in Pied Wagtails wintering in Highland Region. *Scottish Birds* 15: 136-137.

- Marchant, J.H., Hudson, R., Carter, S.P. & Whittington, P. 1990. *Population Trends in British Breeding Birds*. BTO/JNCC, Tring.
- Mason, C.F. & Lyczynski, F. 1980. Breeding biology of the Pied and Yellow Wagtails. *Bird Study* 27: 1-10.
- McWilliam, J.M. 1936. *The Birds of the Firth of Clyde*. H.F. & G. Witherby, London.
- Munro, C.A. 1985. Pied Wagtails roosting in birch tree. *Scottish Birds* 13: 229.
- Murray, R.D. 1988. The 1987 B.T.O. sawbill census. *Borders Bird Report* 1987: 62-80.
- Murray, S. 2002b. The birds of St Kilda. *Scottish Birds* 23 (supplement): 1-64.
- Paterson, J. 1899b. The White Wagtail (*Motacilla alba*) in Ayrshire. *Annals of Scottish Natural History* 1899: 238-239.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Saxby, H.L. 1874. *The Birds of Shetland*. Maclachlan & Stewart, Edinburgh.
- Scottish Executive. 2005. *Key Scottish Environment Statistics 2005*. Scottish Executive, Edinburgh.
- SEERAD. 2000. Provisional results of the June 2000 agricultural census, together with final results for the years 1991 to 1999 for comparison. www.scotland.gov.uk/library3/agri/intro.asp. Accessed on 14 March 2006.
- Sim, I.M.W. 1992. *Turnover, movements and catchment areas of Pied Wagtail Motacilla alba yarrellii roosts in autumn*. Unpublished BSc thesis, University of Aberdeen.
- Stott, M., Callion, J., Kinley, I., Raven, C. & Roberts, J. (eds) 2002. *The Breeding Birds of Cumbria: a tetrad atlas 1997–2001*. Cumbria Bird Club.

325 Cedar Waxwing (4)

- British Ornithologists' Union (BOU). 1993a. British Ornithologists' Union Records Committee: 18th Report (December 1992). *Ibis* 135: 220-222.
- McKay, C.R. 2000. Cedar Waxwing in Shetland: new to the Western Palaearctic. *British Birds* 93: 580-587.
- McKay, C.R. 2001. Blast from the past: Cedar Waxwing, Isle of Noss, Shetland, June 1985. *Birding Scotland* 4: 136-139.
- Robbins, C.S. 1980. Predictions of future Nearctic landbird vagrants to Europe. *British Birds* 73: 448-457.

326 Bohemian Waxwing (20)

- Baxter, E.V. & Rintoul, L.J. 1937. The immigration of Waxwings in spring 1937. *Scottish Naturalist* 1937: 93-101.
- Baxter, P.A.A. 2001b. Ageing and sexing Waxwings. *Birding Scotland* 4: 87-90.
- Clark, J.A., Robinson, R.A., Balmer, D.E., Adams, S.Y., Collier, M.P., Grantham, M.J., Blackburn, J.R. & Griffin, B.M. 2004. Bird ringing in Britain and Ireland in 2003. *Ringing & Migration* 22: 85-127.
- Clark, J.A., Wernham, C.V., Balmer, D.E., Adams, S.Y., Blackburn, J.R., Griffin, B.M. & King, J. 2000. Bird ringing in Britain and Ireland in 1998. *Ringing & Migration* 20: 39-93.
- Cornwallis, R.K. 1961. Four invasions of Waxwings during 1956-60. *British Birds* 54: 1-30.
- Cornwallis, R.K. & Townsend, A.D. 1968. Waxwings in Britain and Europe during 1965/66. *British Birds* 61: 97-118.
- Duncan, R. 1992b. Waxwings actively searching for insects. *Scottish Birds* 16: 221-222.
- Evans, A.H. 1911a. *A Fauna of the Tweed Area*. David Douglas, Edinburgh.
- Everett, M.J. 1967. Waxwings in Scotland, 1965/66 and 1966/67. *Scottish Birds* 4: 534-548.
- Harrison, J.M. & Harrison, V.A. 1996. Mobbing of Waxwing by Chaffinches and Blue Tits. *Scottish Birds* 18: 250.
- Lyster, I.H.J. 1971. Waxwings in Scotland, 1970/71. *Scottish Birds* 6: 420-438.
- Macmillan, A.T. 1959. The invasion of Waxwings *Bombycilla garrulus*, December 1958. *Scottish Birds* 1: 102-106.
- Macmillan, A.T. 1960a. The invasion of Waxwings *Bombycilla garrulus* in Scotland in October and November 1959. *Scottish Birds* 1: 241-251.
- Macmillan, A.T. 1962. The Waxwing invasion of November 1961. *Scottish Birds* 2: 85-89.
- Macmillan, A.T. 1964b. The Waxwing invasion of October and November 1963. *Scottish Birds* 3: 180-194.
- Murray, A.A. 2001. The Waxwing invasion of winter 2000/2001 - the biggest ever in Scotland. *Birding Scotland* 4: 91-93.
- Pennant, T. 1771. *A Tour in Scotland 1769*. John Monk, Chester.
- Ritchie, J. 1922. The great Waxwing invasion of 1921. *Scottish Naturalist* 1922: 133-142, 193-201.
- Ritchie, J. 1923. The great Waxwing invasion of 1921. *Scottish Naturalist* 1923: 23-29.
- Tyler, M.J. & Moran, F.T. 1977. Waxwings drinking birch sap. *Scottish Birds* 9: 350.

327 White-throated Dipper (44)

- Baillie, S.R., Marchant, J.H., Crick, H.Q.P., Noble, D.G., Balmer, D.E., Coombes, R.H., Downie, I.S., Freeman, S.N., Joys, A.C., Leech, D.I., Raven, M.J., Robinson, R.A. & Thewlis, R.M. 2006. *Breeding Birds in the Wider Countryside: their conservation status 2005*. BTO Research Report 435. BTO, Thetford.
- Balat, F. 1961. Colour variability in the Dipper, *Cinclus cinclus* (L.), in central Moravia and its taxonomic relations. *Zoologische Listy* 10: 135-146.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.

- Broadley, B.J. 1985a. Dipper with one leg. *Scottish Birds* 13: 268.
- Cousins, S.A. 1985. *Non-breeding territoriality of Dippers (Cinclus cinclus) and the influence of environmental conditions on their behaviour*. Unpublished BSc thesis, University of Stirling.
- Cowper, C.N.L. 1973. Breeding distribution of Grey Wagtails, Dippers and Common Sandpipers on the Midlothian Esk. *Scottish Birds* 7: 302-306.
- Galbraith, H. 1979. Polygamy in the Dipper. *Scottish Birds* 10: 180-181.
- Galbraith, H., Mitchell, A.B. & Shaw, G. 1981. The moult of the Dipper in central Scotland. *Bird Study* 28: 53-59.
- Galbraith, H. & Tyler, S.J. 1982. The movements and mortality of the Dipper as shown by ringing recoveries. *Ringing & Migration* 4: 9-14.
- Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.
- Hardey, J., Rae, R. & Rae, S. 1978. Breeding success of Dippers in the Grampian Region. *Grampian Ringing Group Report* 1: 23-25.
- Henderson, T. 1899. Occurrence of the Black-bellied Dipper in Shetland. *Annals of Scottish Natural History* 1899: 110.
- Hewson, R. 1967a. Territory, behaviour and breeding of the Dipper in Banffshire. *British Birds* 60: 244-252.
- Miller, A. & Porteous, M. 1989. Y.O.C. Edinburgh Group Water of Leith Survey. *Lothian Bird Report* 1988: 100-105.
- Morrison, C.M. 1977. Dipper removing lining from used nest. *Scottish Birds* 9: 268-269.
- Murray, J.B. 1967. Dippers diving in icebound loch. *Scottish Birds* 4: 450-451.
- Murray, R.D. 1988. The 1987 B.T.O. sawbill census. *Borders Bird Report* 1987: 62-80.
- Nethersole-Thompson, D. & Watson, A. 1981. *The Cairngorms: their natural history and scenery*. 2nd Edition. The Melven Press, Perth.
- Newton, S.F. 1989. *Recruitment dynamics of a resident passerine: dippers Cinclus cinclus in Scotland*. Unpublished PhD thesis, University of Stirling.
- O'Halloran, J., Smiddy, P. & O'Mahony, B. 2000. Movements of Dippers *Cinclus cinclus* in southwest Ireland. *Ringing & Migration* 20: 147-151.
- Ormerod, S.J., O'Halloran, J., Gribbin, S.D. & Tyler, S.J. 1991. The ecology of dippers *Cinclus cinclus* in relation to stream acidity in upland Wales: breeding performance, calcium physiology and nestling growth. *Journal of Applied Ecology* 28: 419-433.
- Perry, K.W. 1986. *The Irish Dipper*. Privately published, Derry.
- Perry, R. 1976. Dippers on the Spey. *Wildlife* 18: 10-14.
- Purvey, M. 1985a. Dipper covering eggs. *Scottish Birds* 13: 230.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Sæther, B.E., Tufto, J., Engen, S., Jerstad, K., Rostad, O.W. & Skatan, J.E. 2000. Population dynamical consequences of climate change for a small temperate songbird. *Science* 287: 854-856.
- Serle, W. & Bryson, D. 1934. Distribution and number of the Dipper on the North and South Esk. *British Birds* 28: 327-331.
- Shaw, D.N. 1986. Dipper feeding on fish carrion. *Scottish Birds* 14: 49.
- Shaw, G. 1978. The breeding biology of the Dipper. *Bird Study* 25: 149-160.
- Shaw, G. 1979. Functions of Dipper roosts. *Bird Study* 26: 171-178.
- Shimeld, M. 1984. Unusual Dipper nest site. *Scottish Birds* 13: 117.
- Slater, P.J.B. 1965c. Current notes. *Scottish Birds* 3: 366-377.
- Smout, T.C. 1960b. "Black-bellied" Dipper in Angus. *Scottish Birds* 1: 336-337.
- Sparks, T.H., Collinson, N., Crick, H., Croxton, P., Edwards, M., Huber, K., Jenkins, D., Johns, D., Last, F., Maberly, S., Marquiss, M., Pickup, J., Roy, D., Sims, D., Shaw, D., Turner, A., Watson, A., Woiwod, I. & Woodbridge, K. 2006. *Natural Heritage Trends of Scotland: phenological indicators of climate change*. Scottish Natural Heritage Commissioned Report No. 167 (ROAME No. F01NB01).
- Tyler, S.J. & Ormerod, S.J. 1985. Aspects of the breeding biology of Dippers *Cinclus cinclus* in the southern catchment of the River Wye, Wales. *Bird Study* 32: 164-169.
- Tyler, S.J. & Ormerod, S.J. 1994. *The Dippers*. T. & A.D. Poyser, London.
- Tyler, S.J., Ormerod, S.J. & Lewis, J.M.S. 1990. The post-natal and breeding dispersal of Welsh Dippers *Cinclus cinclus*. *Bird Study* 37: 18-22.
- Vickery, J. 1992. The reproductive success of the Dipper *Cinclus cinclus* in relation to the acidity of streams in south-west Scotland. *Freshwater Biology* 28: 195-205.
- Vickery, J.A. 1991. Breeding density of Dippers *Cinclus cinclus*, Grey Wagtails *Motacilla cinerea* and Common Sandpipers *Actitis hypoleucus* in relation to the acidity of streams in south-west Scotland. *Ibis* 133: 178-185.
- Waterston, G. 1936. Bird notes from Fair Isle. *Scottish Naturalist* 1936: 61-64.
- Waterston, G. 1937a. Bird notes from Shetland. *Scottish Naturalist* 1937: 25-31.
- Watson, D. 1972. *Birds of Moor and Mountain*. Scottish Academic Press, Edinburgh & London.
- Williamson, K. 1952b. Black-bellied Dippers at Fair Isle in 1951. *Scottish Naturalist* 1952: 55-56.
- Wilson, J.D. 1996. The breeding biology and population history of the Dipper *Cinclus cinclus* on a Scottish river system. *Bird Study* 43: 108-118.

328 Winter Wren (54)

- Armstrong, E.A. 1952. The behaviour and breeding biology of the Shetland Wren. *Ibis* 94: 220-242.
- Armstrong, E.A. 1953a. The history, behaviour and breeding biology of the St Kilda Wren. *Auk* 70: 127-150.
- Armstrong, E.A. 1953b. The behaviour and breeding biology of the Hebridean Wren. *British Birds* 46: 37-50.
- Armstrong, E.A. 1953c. Island Wrens: conditions influencing subspeciation and survival. *British Birds* 46: 418-420.
- Armstrong, E.A. 1955. *The Wren*. Collins, London.
- Armstrong, E.A. 1992. *The Wren*. Shire Natural History, Risborough.
- Aspinall, S.J. 1987. Fluctuating fortunes of the Fair Isle Wren. *Fair Isle Bird Observatory Report* 1987: 46-47.
- Bannerman, D.A. 1954. *The Birds of the British Isles*. Volume 3. Oliver & Boyd, Edinburgh.
- Boyd, J.M. 1954b. The St. Kilda wren in the village area, Hirta, 1952. *Scottish Naturalist* 1954: 47-49.
- British Ornithologists' Union (BOU). 1971. *The Status of Birds in Britain and Ireland*. Blackwell Scientific Publications, Oxford.
- Clancey, P.A. 1942b. A new race of Wren (*Troglodytes*) from the Western Palearctic Region. *Bulletin of the British Ornithologists' Club* 63: 68-69.
- Clarke, W.E. 1915d. The Wren of St. Kilda: its status, plumage and habits. *Scottish Naturalist* 1915: 291-296.
- Collinson, M. 2002. How many wrens? *Birdwatch* 121: 28-32.
- da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
- Dennis, R.H. & Waters, W.E. 1968. October bird migrants at North Rona. *Scottish Birds* 5: 155-170.
- Department for Environment Food and Rural Affairs (DEFRA). 2004. *Countryside Survey 2000*.
- Dixon, C. 1888. *Our Rarer Birds*. Richard Bentley & Son, London.
- Drovetski, S.V., Zink, R.M., Rohwer, S., Fadeev, I.V., Nesterov, E.V., Karagodin, I., Koblik, E.A. & Red'kin, Y.A. 2004. Complex biogeographic history of a Holarctic passerine. *Proceedings of the Royal Society of London B* 271: 545-551.
- Eggeling, W.J. 1974. The birds of the Isle of May - a revised assessment of status. *Scottish Birds* 8 (supplement): 93-148.
- Fowler, J.A. 1999. Island biogeography - the birds of the Yell islands. *Shetland Bird Report* 1998: 99-101.
- Furness, R.W. 1983. *The Birds of Foula*. Brathay Trust, Ambleside.
- Garson, P.J. 1980a. The breeding ecology of the Wren in Britain. *Bird Study* 27: 63-72.
- Garson, P.J. 1980b. Male behaviour and female choice: mate selection in the Wren? *Animal Behaviour* 28: 491-502.
- Green, F.H.W. 1959. The weather of St Kilda, winter 1957-1958. *Weather* 14: 19-21.
- Harrison, T.H. & Buchan, J.N.S. 1934. A field study of St Kilda Wren (*Troglodytes troglodytes hirtensis* Seeb.) with especial reference to its numbers, territory and food habits. *Journal of Animal Ecology* 3: 133-145.
- Harrison, T.H. & Buchan, J.N.S. 1936. Further notes on a field study of the St. Kilda Wren (*Troglodytes troglodytes hirtensis* Seeb.) with especial reference to its nest habits and song. *Scottish Naturalist* 1936: 9-21.
- Hart, K.E. 1984. Unusual Wren roost. *Scottish Birds* 13: 116.
- Harvey, P.V. 2003. The Shetland Breeding Bird Survey 2002 and an estimate of the population size of some of Shetland's commoner breeding birds. *Shetland Bird Report* 2002: 108-110.
- Hawthorn, I., Crockford, R., Smith, R.G. & Weston, I. 1976. The Wren on the Uists, Outer Hebrides. *Bird Study* 23: 301-303.
- Hawthorn, I. & Mead, C.J. 1975. Wren movements and survival. *British Birds* 68: 349-358.
- Henderson, D.H. & Dickson, J.H. 1994. *A Naturalist in the Highlands: James Robertson, His Life and Travels in Scotland, 1767-1771*. Scottish Academic Press, Edinburgh.
- King, H. 1969. Shetland Wren in Aberdeenshire. *Scottish Birds* 5: 391.
- Martin, M. 1698. *A Late Voyage to St Kilda, the Remotest of all the Hebrides, or Western Isles of Scotland*. D. Brown & T. Goodwin, London.
- McGowan, R.Y., Clugston, D.L., Forrester, R.W. on behalf of the Scottish Birds Records Committee. 2003. Scotland's endemic subspecies. *Scottish Birds* 24 (1): 18-35.
- Mead, C. 2000. *The State of the Nation's Birds*. Whittet Books, Stowmarket.
- Meinertzhagen, R. 1924. A note on Scottish Wrens (*Troglodytes*), with characteristics of a newly defined Hebridean race. *Scottish Naturalist* 1924: 135.
- Moss, D. 1978a. Diversity of woodland song-bird populations. *Journal of Animal Ecology* 47: 521-527.
- Moss, D. 1978b. Song-bird populations in forestry plantations. *Quarterly Journal of Forestry* 75: 5-14.
- Murray, S. 2002b. The birds of St Kilda. *Scottish Birds* 23 (supplement): 1-64.
- Pennington, M.G. 1988. Breeding birds of North Ronaldsay, Orkney. *Scottish Birds* 15: 83-89.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Robson, M.J.H. 1968. The breeding birds of North Rona. *Scottish Birds* 5: 126-155.
- Saxby, H.L. 1874. *The Birds of Shetland*. Maclachlan & Stewart, Edinburgh.
- Seeböhm, H. 1884. On a new species of British Wren. *Zoologist* 8: 333-335.
- Stone, B.H., Sears, J., Cranswick, P.A., Gregory, R.D., Gibbons, D.W., Rehfisch, M.M., Aebsicher, N.J. & Reid, J.B. 1997. Population estimates of birds in Britain and in the United Kingdom. *British Birds* 90: 1-22.
- Sweeney, J.J. 1998. An investigation into the polygynous mating system of the Wren *Troglodytes troglodytes indigenus*

- (L.). Unpublished PhD thesis, University of Paisley.
- Thorpe, A.W. 2001. *North Sea Bird Club 21st Anniversary Report*. North Sea Bird Club, Aberdeen.
- Venables, L.S.V. & Venables, U.M. 1955. *The Birds and Mammals of Shetland*. Oliver & Boyd, Edinburgh.
- Warren, R.L.M. & Harrison, C.J.O. 1971. *Type-specimens of Birds in the British Museum (Natural History)*. Vol. 2. *Passerines*. Trustees of the BM(NH), London.
- Waters, E. 1964. Observations on the St Kilda Wren. *British Birds* 57: 49-64.
- Williamson, K. 1951a. The Wrens of Fair Isle. *Ibis* 93: 599-601.
- Williamson, K. 1958b. Population and breeding environment of the St Kilda and Fair Isle Wrens. *British Birds* 51: 369-393.
- Williamson, K. 1965. *Fair Isle and its Birds*. Oliver & Boyd, Edinburgh.
- Williamson, K. 1974a. Breeding birds in the deciduous woodlands of Mid-Argyll, Scotland. *Bird Study* 21: 29-44.

329 Hedge Accentor (33)

- Baillie, S.R., Marchant, J.H., Crick, H.Q.P., Noble, D.G., Balmer, D.E., Beaven, L.P., Coombes, R.H., Downie, I.S., Freeman, S.N., Joys, A.C., Leech, D.I., Raven, M.J., Robinson, R.A. & Thewlis, R.M. 2005. *Breeding Birds in the Wider Countryside: their conservation status 2004*. BTO Research Report 385. BTO, Thetford.
- Bevington, A. 1991. Habitat selection in the Dunnock in Northern England. *Bird Study* 38: 87-91.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- British Ornithologists' Union (BOU). 1950. Twenty-first Report of the Committee on Nomenclature and Records of the occurrence of rare birds in the British Isles and on certain necessary changes in the nomenclature of the B.O.U. List of British Birds. *Ibis* 92: 132-141.
- Brooke, M.D.L. & Davies, N.B. 1987. Recent changes in host usage by cuckoos *Cuculus canorus* in Britain. *Journal of Animal Ecology* 56: 873-883.
- Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
- Burtt, E.H. & Ichida, J.M. 2004. Gloger's rule, feather degrading bacteria, and color variation among Song Sparrows. *Condor* 106: 681-686.
- Clancey, P.A. 1937. The range of the Hebridean Hedge-Sparrow and Stonechat. *British Birds* 30: 259.
- Clancey, P.A. 1938a. Some remarks on western Scottish Birds. *Ibis* 1938: 746-754.
- Clancey, P.A. 1938b. The Hebridean Hedge-Sparrow in Sutherland. *British Birds* 32: 195.
- Clancey, P.A. 1943. A new race of Hedge-Sparrow from Northern Scotland *Bulletin of the British Ornithologists' Club* 64: 14.
- da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
- Davies, N.B. 1985. Cooperation and conflict among Dunnocks, *Prunella modularis*, in a variable breeding system. *Animal Behaviour* 33: 628-648.
- Davies, N.B. 1992. *Dunnock Behaviour and Social Evolution*. Oxford University Press, Oxford.
- Davies, N.B. & Lundberg, A. 1984. Food distribution and a variable mating system in the dunnock, *Prunella modularis*. *Journal of Animal Ecology* 53: 895-912.
- Fuller, R.J., Noble, D.G., Smith, K.W. & Vanhinsbergh, D. 2005. Recent declines in populations of woodland birds in Britain: a review of possible causes. *British Birds* 98: 116-143.
- Gibbons, D.W., Avery, M., Baillie, S., Gregory, R.D., Kirby, J., Porter, R., Tucker, G. & Williams, G. 1996b. Bird species of conservation concern in the United Kingdom, Channel Islands and Isle of Man: revising the Red Data List. *RSPB Conservation Review* 10: 7-18.
- Harvie-Brown, J.A. 1902c. On the avifauna of the Outer Hebrides, 1888-1902. *Annals of Scottish Natural History* 1902: 83-91, 136-151, 199-217.
- Harvie-Brown, J.A. & Buckley, T.E. 1888. *A Vertebrate Fauna of the Outer Hebrides*. David Douglas, Edinburgh.
- Harvie-Brown, J.A. & Buckley, T.E. 1892. *A Vertebrate Fauna of Argyll and the Inner Hebrides*. David Douglas, Edinburgh.
- Henty, C.J. 1996. Feeding association of Dunnock and Blackbird in snow. *Scottish Birds* 18: 247.
- MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
- Marchant, J.H., Hudson, R., Carter, S.P. & Whittington, P. 1990. *Population Trends in British Breeding Birds*. BTO/JNCC, Tring.
- McGowan, R.Y., Clugston, D.L., Forrester, R.W. on behalf of the Scottish Birds Records Committee. 2003. Scotland's endemic subspecies. *Scottish Birds* 24 (1): 18-35.
- Meinertzhagen, R. 1934. The relation between plumage and environment, with special reference to the Outer Hebrides. *Ibis* 1934: 52-61.
- Moss, D., Taylor, P.N. & Easterbee, N. 1979a. The effects on song-bird populations of upland afforestation with spruce. *Forestry* 52: 129-150.
- Patterson, I.J., Ollason, J.G. & Doyle, P. 1995. Bird populations in upland spruce plantations in northern Britain. *Forest Ecology and Management* 79: 107-131.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2004. *The Breeding Bird Survey 2003*. BTO Research Report 363. BTO, Thetford.
- Shaw, G. 1996b. Dunnock feeding in Spruce canopy. *Scottish Birds* 18: 185.

- Siriwardena, G.M., Baillie, S.R. & Wilson, J.D. 1998. Variation in the survival rates of some British passerines with respect to their population trends on farmland. *Bird Study* 45: 276-292.
- Vaurie, C. 1959. *The Birds of the Palaearctic Fauna. Passeriformes*. H.F. & G. Witherby, London.
- White, C.M.N. 1936. The range of the Hebridean Hedge-Sparrow. *British Birds* 30: 83-84.
- Williamson, K. 1974a. Breeding birds in the deciduous woodlands of Mid-Argyll, Scotland. *Bird Study* 21: 29-44.

330 Alpine Accentor (2)

- Clarke, W.E. 1909b. The birds of Fair Isle. - IV. Report on observations made during the year 1908. *Annals of Scottish Natural History* 1909: 69-75.
- Clarke, W.E. 1912a. *Studies in Bird Migration*. Two volumes. Gurney & Jackson, London.

331 European Robin (13)

- Baillie, S.R. & Corse, C.J. 1977. Winter weights of Aberdeen Robins. *North-East Scotland Bird Report* 1976: 5-7.
- da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
- East, M. 1981. Aspects of courtship, feeding and parental care of the European Robin *Erithacus rubecula*. *Ornis Scandinavica* 12: 230-239.
- Ellis, P. 1983. The phenomenal migrant fall of October 1982. *Scottish Birds* 12: 246-251.
- Harper, D.G.C. 1985. Pairing strategies and mate choice in female Robins *Erithacus rubecula*. *Animal Behaviour* 33: 862-875.
- Hoelzel, A.R. 1989. Territorial behaviour of the European Robin *Erithacus rubecula*: the importance of vegetation density. *Ibis* 131: 432-436.
- Lack, D. 1943a. *The Life of the Robin*. H.F. & G. Witherby, London.
- Mead, C.J. 1984. *Robins*. Whittet Books, London.
- Moss, D. 1978a. Diversity of woodland song-bird populations. *Journal of Animal Ecology* 47: 521-527.
- Petty, S.J., Patterson, I.J., Anderson, D.I.K., Little, B. & Davison, M. 1995. Numbers, breeding performance, and diet of the sparrowhawk *Accipiter nisus* and merlin *Falco columbarius* in relation to cone crops and seed-eating finches. *Forest Ecology and Management* 79: 133-146.
- Ramsay, A.D.K. 1976. Rock Pipits rearing young Robin. *Scottish Birds* 9: 126.
- Swann, R.L. 1975a. Communal roosting of Robins in Aberdeenshire. *Bird Study* 22: 93-98.
- Williamson, K. 1974a. Breeding birds in the deciduous woodlands of Mid-Argyll, Scotland. *Bird Study* 21: 29-44.

332 Rufous-tailed Robin (3)

- Dement'ev, G.P. & Gladkov, N.A. 1954. *Birds of the Soviet Union*. Volume 6. Translated from Russian by Israel Programme for Scientific Translations, Jerusalem, 1968, Moscow.
- Shaw, D. 2004b. The Rufous-tailed Robin on Fair Isle – a new Western Palearctic bird. *Birding World* 17: 420-423.
- Shaw, D. 2004c. Autumn 2004 on Fair Isle - from the worst to the best? *Birding Scotland* 7: 145-151.

333 Thrush Nightingale (4)

- Anon. 1912c. Three new British birds. *British Birds* 5: 238-241.
- Bedford, Mary, Duchess of. 1938. *A Bird-Watcher's Diary*. John Murray (printer), London.
- Clarke, W.E. 1912b. On the occurrence of the Pine Bunting, Thrush Nightingale, and Baird's Sandpiper in Scotland. *Scottish Naturalist* 1912: 8-10.
- Dennis, R.H. & Chapman, G.M. 1971. Thrush Nightingales at Fair Isle and in Shetland. *Scottish Birds* 6: 283-285.

334 Common Nightingale (13)

- Baxter, E.V. & Rintoul, L.J. 1911. On the occurrence of the Nightingale (*Luscinia megarhynchos megarhynchos*) on the Isle of May: an addition to the avifauna of Scotland. *Annals of Scottish Natural History* 1911: 132-133.
- British Ornithologists' Union (BOU). 2002. British Ornithologists' Union Records Committee: 28th Report (October 2001). *Ibis* 144: 181-184.
- Broad, R.A. 1974b. Nightingale of eastern subspecies on Fair Isle. *Scottish Birds* 8: 195.
- Davis, P.G. 1982. Nightingales in Britain in 1980. *Bird Study* 29: 73-79.
- Eggeling, W.J. 1959. Migrants at St Kilda in 1957 and 1958. *Scottish Birds* 1: 56-64.
- Hudson, R. 1979. Nightingales in Britain in 1976. *Bird Study* 26: 204-212.
- Kay, G.T. 1929. Nightingale in Shetland – second Scottish record. *Scottish Naturalist* 1929: 168.
- Lees, J. 1952. Nightingale in East Ross. *Scottish Naturalist* 1952: 174.
- McNee, A.F. 2003. Nightingale and Black Kite - a north mainland bonanza! *Birding Scotland* 6: 132-133.
- Morgan, R. 1982. The breeding biology of the Nightingale *Luscinia megarhynchos* in Britain. *Bird Study* 29: 67-72.
- Murray, S. 2002b. The birds of St Kilda. *Scottish Birds* 23 (supplement): 1-64.

- Waterston, G. 1952. Nightingale at Stirling Castle. *Scottish Naturalist* 1952: 173-174.
 Wilson, A.M., Henderson, A.C.B. & Fuller, R.J. 2002. Status of the Nightingale *Luscinia megarhynchos* in Britain at the end of the 20th century with particular reference to climate change. *Bird Study* 49: 193-204.

335 Siberian Rubythroat (7)

- Brewer, A.D. 1984. Siberian Rubythroat: a species new to Canada. *Ontario Birds* 2: 66-69.
 Bull, A. 2003c. Siberian Rubythroat - the second for Fair Isle and fourth for Britain. *Birding Scotland* 6: 181-182.
 Coutts, D. 2002a. Siberian Rubythroats in Shetland. *Birding Scotland* 5: 33-34.
 Culshaw, M. 2005. The Siberian Rubythroat on Fair Isle, October 2005. *Birding Scotland* 8: 159-162.
 Grimmett, R., Inskipp, C. & Inskipp, T. 1998. *Birds of the Indian Subcontinent*. Christopher Helm, London.
 Lowe, A.R. 1979a. Siberian Rubythroat: new to Britain and Ireland. *British Birds* 72: 89-94.
 MacKinnon, J. & Phillipps, K. 2000. *A Field Guide to the Birds of China*. Oxford University Press, Oxford.

336 Bluethroat (20)

- Benn, S. 1995. Successful breeding of Bluethroat in Scotland. *Scottish Birds* 18: 114.
 Bolam, G. 1897. A list of the birds of Berwick-on-Tweed, with special reference to "The Birds of Berwickshire", and notices of the occurrence of some of the rarer species in the adjoining districts, continued. *Annals of Scottish Natural History* 1897: 5-14, 79-88.
 Clarke, W.E. 1910a. The birds of Fair Isle. V: Report on observations made during the year 1909. *Annals of Scottish Natural History* 1910: 65-67.
 Clarke, W.E. 1912a. *Studies in Bird Migration*. Two volumes. Gurney & Jackson, London.
 Cook, M. 1992. *The Birds of Moray and Nairn*. The Mercat Press, Edinburgh.
 Dennis, R. 1995a. *The Birds of Badenoch and Strathspey*. 2nd Edition. Colin Baxter Photography, Grantown-on-Spey.
 Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
 Grantham, M. 2005. Ringing in May. *Birding World* 18: 173-174.
 Gray, R. 1885. On the bird life of the Firth of Forth during the storms of October and November, 1881. *History of the Berwickshire Naturalists' Club* 10: 84-87.
 Greenwood, J.J.D. 1968a. Bluethroat breeding in Scotland. *Scottish Birds* 5: 220-222.
 Greenwood, J.J.D. 1968b. Bluethroat nesting in Scotland. *British Birds* 61: 524-525.
 Harvey, M.I. 1995. Juvenile Bluethroat in Inverness-shire. *Scottish Birds* 18: 115.
 Harvie-Brown, J.A. 1881. On the occurrence in Scotland of the Blue-throated Warbler. *Scottish Naturalist* 6: 203.
 Murray, R.D. 1987. Bluethroats in Scotland during 1985. *Scottish Birds* 14: 168-174.
 Pow, G. 1887. Notes on the birds occurring in East Lothian in the year 1885. *History of Berwickshire Naturalists' Club* 11: 248-250.
 Rebecca, G.W., Weir, D.N. & Steele, L.D. 1987. Bluethroats killed by nesting Merlin in Scotland. *Scottish Birds* 14: 174.
 Rintoul, L.J. & Baxter, E.V. 1935. *A Vertebrate Fauna of Forth*. Oliver & Boyd, Edinburgh & London.
 Sharrock, J.T.R. 1974. *Scarce Migrant Birds in Britain and Ireland*. T. & A.D. Poyser, Berkhamsted.
 Slater, P.J.B. 1966a. Current notes. *Scottish Birds* 4: 106-116.
 Spencer, R. & the Rare Breeding Birds Panel. 1988a. Rare breeding birds in the United Kingdom in 1985. *British Birds* 81: 99-125.

337 Siberian Blue Robin (4)

- Bigas, D. & Gutierrez, R. 2000. The Siberian Blue Robin in Spain – the second Western Palearctic record. *Birding World* 13: 415-417.
 British Ornithologists' Union (BOU). 2003. British Ornithologists' Union Records Committee: 29th Report (October 2002). *Ibis* 145: 178-183.
 Brown, P.A. 2001. The Siberian Blue Robin on North Ronaldsay. *Birding World* 14: 422-423.
 Brown, P.A. 2002a. Siberian Blue Robin on North Ronaldsay – a first for Scotland. *Birding Scotland* 5: 35-36.

338 Red-flanked Bluetail (14)

- Armstrong, R. 2004. Fife's second Red-flanked Bluetail, Denburn Wood, October 2003. *Birding Scotland* 7: 9-11.
 Bruce, S. 1948a. The Red-flanked Bluetail in Shetland: the first British record. *Scottish Naturalist* 1948: 6-7.
 Cosgrove, P. 1999a. Red-flanked Bluetail at Newburgh, North-east Scotland, 27th-28th September 1998. *Birding Scotland* 2: 36-39.
 Cosgrove, P. 1999b. Red-flanked Bluetail (*Tarsiger cyanurus*) at Newburgh, Aberdeenshire, 27-28 September 1998 - first for North-east Scotland. *North-East Scotland Bird Report* 1998: 124-126.
 Gantlett, S. 2000. 1999: the Western Palearctic year. *Birding World* 13: 15-32.
 Gantlett, S. 2001. 2000: the Western Palearctic year. *Birding World* 14: 16-18, 27-43.

- Gantlett, S. 2002. 2001: the Western Palearctic year. *Birding World* 15: 13-34.
 Gantlett, S. 2003. 2002: the Western Palearctic year. *Birding World* 16: 23-41.
 Gantlett, S. 2004. 2003: the Western Palearctic year. *Birding World* 17: 19-43.
 Graham, D. 2000. Red-flanked Bluetail at St. Abbs Head, Borders. *Birding Scotland* 3: 16-17.
 Grimmett, R., Inskipp, C. & Inskipp, T. 1998. *Birds of the Indian Subcontinent*. Christopher Helm, London.
 Harvey, P. 2000. Red-flanked Bluetail at Scatness, Shetland. *Birding Scotland* 3: 17.
 Jännes, H. 2001. Taigan sinikeiju [The Blue Elf of the Taiga]. *Suomen Luonto* 60: 54-61.
 MacKinnon, J. & Phillipps, K. 2000. *A Field Guide to the Birds of China*. Oxford University Press, Oxford.

339 Black Redstart (8)

- Burton, J.F. 1995. *Birds and Climate Change*. Christopher Helm, London.
 Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
 Fitter, R.S.R. 1965. The breeding status of the Black Redstart in Britain. *British Birds* 58: 481-492.
 Harris, M.P., Wanless, S., Darling, I. & Gallacher, C. 2000a. Breeding birds of the Isle of May, Firth of Forth, 1972-99. *Scottish Birds* 21: 6-14.
 Langslow, D.R. 1977c. Movements of Black Redstarts between Britain and Europe as related to occurrences at observatories. *Bird Study* 24: 169-178.
 Lea, D. 1974. Black Redstarts breeding in Orkney. *Scottish Birds* 8: 80-81.
 Morgan, R.A. & Glue, D.E. 1981. Breeding survey of Black Redstarts in Britain, 1977. *Bird Study* 28: 163-168.
 Smith, A.J.M. & Maxwell, R. 1959. Black Redstarts in Aberdeenshire. *Scottish Birds* 1: 73.

340 Common Redstart (6)

- Harvey, P.V. & Riddington, R. 2001a. Eastern Redstart on the Shetland - the first Shetland record. *Birding Scotland* 4: 15-16.
 Harvie-Brown, J.A. & Buckley, T.E. 1895. *A Vertebrate Fauna of the Moray Basin*. Two volumes. David Douglas, Edinburgh.
 Hope Jones, P. 1975. The migration of Redstarts through and from Britain. *Ringing & Migration* 1: 12-17.
 Marchant, J.H., Hudson, R., Carter, S.P. & Whittington, P. 1990. *Population Trends in British Breeding Birds*. BTO/JNCC, Tring.
 Sturrock, C.B. 1901. On the nesting of the Redstart (*Ruticilla phoenicurus*) and the Willow Wren (*Phylloscopus trochilus*) in Shetland in the spring of 1901. *Annals of Scottish Natural History* 1901: 194-196.
 Williamson, K. 1974a. Breeding birds in the deciduous woodlands of Mid-Argyll, Scotland. *Bird Study* 21: 29-44.

341 Whinchat (16)

- Avery, M. & Leslie, R. 1990. *Birds and Forestry*. T. & A.D. Poyser, London.
 Bibby, C.J., Phillips, B.N. & Seddon, A.J.E. 1985. Birds of restocked conifer plantations in Wales. *Journal of Applied Ecology* 22: 619-633.
 Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
 da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
 Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
 Eggeling, W.J. 1960a. *The Isle of May: a Scottish nature reserve*. Oliver & Boyd, Edinburgh & London.
 Fuller, R.J. & Glue, D.E. 1977. The breeding biology of the Stonechat and Whinchat. *Bird Study* 24: 215-228.
 Gray, D.B. 1973. Whinchats on a disused railway. *Bird Study* 20: 81-82.
 Gray, D.B. 1974. Breeding behaviour of Whinchats. *Bird Study* 21: 280-282.
 Greig-Smith, P.W. 1982. Interspecific aggression between chats. *Bird Study* 29: 162-164.
 MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
 Phillips, J.S. 1970. Inter-specific competition in Stonechat and Whinchat. *Bird Study* 17: 320-324.
 Phillips, J.S. 1973. Stonechats in young forestry plantations. *Bird Study* 20: 82-84.
 Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
 St John, C., Buckley, T.E. & Harvie-Brown, J.A. 1884. *Short Tour in Sutherlandshire*. David Douglas, Edinburgh.
 Watson, A.D. 1994. *One Pair of Eyes*. Arlequin Press, Chelmsford.

342 Stonechat (25)

- Baxter, E.V. & Rintoul, L.J. 1913. Two new Scottish birds. *Scottish Naturalist* 1913: 273-274.
 British Ornithologists' Union (BOU). 1971. *The Status of Birds in Britain and Ireland*. Blackwell Scientific Publications, Oxford.
 Eggeling, W.J. 1974. The birds of the Isle of May - a revised assessment of status. *Scottish Birds* 8 (supplement): 93-148.

- Fuller, R.J. & Glue, D.E. 1977. The breeding biology of the Stonechat and Whinchat. *Bird Study* 24: 215-228.
- Grimmett, R., Inskipp, C. & Inskipp, T. 1998. *Birds of the Indian Subcontinent*. Christopher Helm, London.
- Harvie-Brown, J.A. & Macpherson, H.A. 1904. *A Fauna of the North-west Highlands and Skye*. David Douglas, Edinburgh.
- Heavisides, A. 2006. Breeding Stonechats in the Lammermuir Hills (Lothian and Borders), 1983-2005. *Lothian Bird Report* 2004: 118-120.
- Johnson, E.D.H. 1971. Observations on a resident population of Stonechats in Jersey. *British Birds* 64: 201-213, 267-279.
- MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
- Mead, C. 2000. *The State of the Nation's Birds*. Whittet Books, Stowmarket.
- Munkejord, A. 1981. The Stonechat *Saxicola torquata* in western Norway south of 62 N 1973-1980. *Fauna Norvegica Series C, Cinclus* 4: 69-75.
- Parslow, J.L.F. 1973. *Breeding Birds in Britain and Ireland: a historical survey*. T. & A.D. Poyser, Berkhamsted.
- Peterson, J. 1961. Stonechat breeding in Shetland. *Scottish Birds* 1: 455.
- Phillips, I.M. 1997. *Rare and Scarce Birds in North East Scotland*. I.M. Phillips, Cove.
- Phillips, J.S. 1968. Stonechat breeding statistics. *Bird Study* 15: 104-105.
- Phillips, J.S. 1970. Inter-specific competition in Stonechat and Whinchat. *Bird Study* 17: 320-324.
- Phillips, J.S. 1973. Stonechats in young forestry plantations. *Bird Study* 20: 82-84.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Ree, V. 1977. Underartene av svartstrupe *Saxicola torquata* (L.), i Norge. *Fauna* 30: 41-47.
- Rintoul, L.J. & Baxter, E.V. 1948. On the present status of the Stonechat in Scotland. *Scottish Naturalist* 1948: 164-170.
- Robertson, I.S. 1976. Stonechats in Shetland: a change in status? *Shetland Bird Report* 1975: 52-55.
- Robertson, I.S. 1977. Identification and European status of eastern Stonechats. *British Birds* 70: 237-245.
- Robson, C. 2000. *A Field Guide to the Birds of South-East Asia*. New Holland, London.
- Thorpe, A.W. 2001. *North Sea Bird Club 21st Anniversary Report*. North Sea Bird Club, Aberdeen.
- Wells, L. & Patterson, D. 2003. *A study of breeding Stonechat 1999-2001 Loch Shin, Sutherland*. Unpublished report.

343 Isabelline Wheatear (5)

- Beaman, M. & Knox, A.G. 1981. Isabelline Wheatear in Grampian. *British Birds* 74: 182-185.
- Gordon, J.R.W., Crockett, P. & Crockett, R. 1999. Isabelline Wheatear on Fair Isle, 20th September 1998. *Birding Scotland* 2: 40-43.
- Heubeck, M. 2005. Isabelline Wheatear at Sumburgh: 3rd for SBC area, 4th Shetland record. *Shetland Bird Report* 2004: 109.
- Houghton, D. 2002. Isabelline Wheatear on Fetlar: second for SBC area, third for Shetland. *Shetland Bird Report* 2001: 95-96.
- Viniccombe, K.E. 1995. Isabelline Wheatear, Skaw, Whalsay, the first for Shetland, 20th September - 10th October. *Shetland Bird Report* 1994: 91-92.

344 Northern Wheatear (11)

- Baillie, S.R., Marchant, J.H., Crick, H.Q.P., Noble, D.G., Balmer, D.E., Beaven, L.P., Coombes, R.H., Downie, I.S., Freeman, S.N., Joys, A.C., Leech, D.I., Raven, M.J., Robinson, R.A. & Thewlis, R.M. 2005. *Breeding Birds in the Wider Countryside: their conservation status 2004*. BTO Research Report 385. BTO, Thetford.
- Campbell, C. 1893. Wheatear in the Forth district in January. *Annals of Scottish Natural History* 1893: 113.
- Condor, P. 1989. *The Wheatear*. Helm, London.
- Delingat, J. 2003. Fair Isle, one of the last restaurants for Northern Wheatears (*Oenanthe oenanthe*) heading towards Iceland and Greenland. *Fair Isle Bird Observatory Report* 2002: 25-30.
- Harvey, P.V. 2003. The Shetland Breeding Bird Survey 2002 and an estimate of the population size of some of Shetland's commoner breeding birds. *Shetland Bird Report* 2002: 108-110.
- Moreno, J. 1987. Parental care in the Wheatear (*Oenanthe oenanthe*): effects of nestling age and brood size. *Ornis Scandinavica* 18: 291-301.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Sellers, R.M. 2006. Breeding population estimate for Northern Wheatear in Britain. *British Birds* 99: 533-535.
- Snow, D.W. 1953. The migration of the Greenland Wheatear. *Ibis* 95: 376-378.
- Wightman, A. 1996. *Who Owns Scotland?* Canongate Books, Edinburgh.
- Williamson, K. 1957d. Post nuptial molt in the Wheatear (*Oenanthe oenanthe*). *Bird Banding* 28: 129-135.

345 Pied Wheatear (5)

- Baxter, E.V. & Rintoul, L.J. 1910. On the occurrence of the Eastern Pied Chat (*Saxicola pleschanka*) in Scotland. *Annals of Scottish Natural History* 1910: 2-4.
- Dodgson, S.J. & Gordon, P.R. 1992. Pied Wheatear at Thorntonloch [Lothian]. *Lothian Bird Report* 1991: 106-107.
- Ellis, P.M. 1992b. Pied Wheatear in Shetland: the fifth record for Scotland. *Scottish Birds* 16: 214-216.
- Gray, M. 2000. Pied Wheatears in Scotland. *Birding Scotland* 3: 33-34.
- Harvey, P. & Riddington, R. 2001c. Pied Wheatear at Toab - third SBC area record, fourth Shetland record. *Shetland Bird Report* 2000: 94-95.

346 Black-eared Wheatear (5)

- Clarke, W.E. 1908a. The birds of Fair Isle. - III. Report on observations made during the year 1907. *Annals of Scottish Natural History* 1908: 72-85.
- Clarke, W.E. 1912a. *Studies in Bird Migration*. Two volumes. Gurney & Jackson, London.
- Elder, H.F.D. 1950a. Isle of May Bird Observatory and Field Station. Bird Report, 1948 and 1949. *Scottish Naturalist* 1950: 98-108.
- Elder, H.F.D. 1950b. The autumn migration of 1949: reports from bird observatories. The Isle of May. *British Birds* 43: 205-208.
- Smith, E.M., Smith, R.W.J. & Stark, D.M. 1970. Black-eared Wheatear in Caithness. *Scottish Birds* 6: 214-215.

347 Desert Wheatear (12)

- Borrow, N. & Demey, R. 2001. *Birds of Western Africa*. Christopher Helm, London.
- Clarke, W.E. 1906c. Some rare birds from Scottish stations. *Annals of Scottish Natural History* 1906: 137-139.
- Dalgleish, J.J. 1881. On *Saxicola deserti* (Rupp.), the Desert Chat, and its appearance for the first time in Great Britain. *Proceedings of the Royal Physical Society of Edinburgh* 6: 64-67.
- Dennis, R.H. 1971d. Desert Wheatear at Fair Isle. *Scottish Birds* 6: 446-447.
- Drummond-Hay, H.M. 1888a. Letter on the second occurrence in Scotland of *Saxicola deserti*. *Ibis* 1888: 283-285.
- Drummond-Hay, H.M. 1888b. Additional notes on the report of the ornithology of the east of Scotland, from Fife to Aberdeenshire inclusive, (1885). *Scottish Naturalist* 9: 345-350.
- Gillon, K. 1998. Desert Wheatear at Dunglass and Thorntonloch, November 1997. *Lothian Bird Report* 1997: 107.
- Phillips, I.M. 1998c. Desert Wheatears in Scotland: a review. *Birding Scotland* 1: 73-74.
- Scott, H.I. 1998b. Desert Wheatear at Girdleness, 7 November 1997: the first record for North-East Scotland. *North-East Scotland Bird Report* 1997: 101-108.
- Stenhouse, J.H. 1928. The Desert Wheatear (*Oenanthe d. deserti*) at Fair Isle. *Scottish Naturalist* 1928: 180.
- Waterston, G. 1945a. Notes from Fair Isle, 1939-45. *British Birds* 38: 228-231.
- Wilson, J. 1930. Saharan Desert Wheatear and Ros-coloured Pastor at Fair Isle. *Scottish Naturalist* 1930: 8.

348 Rufous-tailed Rock Thrush (8)

- Anon. 1932. Rare birds at Fair Isle. *British Birds* 26: 27-28.
- Borrow, N. & Demey, R. 2001. *Birds of Western Africa*. Christopher Helm, London.
- Boyd, J.M. & Waters, W.E. 1963. Rock Thrush on St. Kilda. *British Birds* 56: 66-67.
- Clarke, W.E. 1910b. On the occurrence of the Rock Thrush (*Monticola saxatilis*) in the Orkney Islands. *Annals of Scottish Natural History* 1910: 148-149.
- Dennis, R.H. 1971b. Rock Thrush at Fair Isle. *Scottish Birds* 6: 336-337.
- Stevenson, T. & Fanshawe, J. 2002. *Field Guide to the Birds of East Africa*. T. & A.D. Poyser, London.
- Stout, G. 1932. Bird notes from Fair Isle, 1931. *Scottish Naturalist* 1932: 38.
- Waterston, G. 1937b. Bird notes from Fair Isle, 1936. *Scottish Naturalist* 1937: 73-76.

349 Blue Rock Thrush (2)

- Hume, R.A. on behalf of the Rarities Committee. 1995. Blue Rock Thrush in Strathclyde: new to Britain and Ireland. *British Birds* 88: 130-132.
- Robson, C. 2000. *A Field Guide to the Birds of South-East Asia*. New Holland, London.

350 White's Thrush (10)

- Barnes, G.J. 1973. White's Thrush on Fair Isle. *Scottish Birds* 7: 261.
- Broad, R.A. 1974a. White's Thrush at Fair Isle. *Scottish Birds* 8: 33-34.
- Brotherston, A. 1879. White's Thrush in Berwickshire. *Zoologist* 37: 177.
- Busby, J. & Broadbent, I. 1999. White's Thrush in Scotland in 1998. *Birding Scotland* 2: 34-35.
- Campbell, J.W. 1956. White's Thrush in North Perth. *Scottish Naturalist* 1956: 120-122.
- Harting, J.E. 1879a. White's Thrush in Berwickshire. *Zoologist* 37: 133-134.

- McGregor, R., Doyle, P. & Gates, N. 2004. Orkney's second White's Thrush, North Ronaldsay, October 2003. *Birding Scotland* 7: 23-26.
- Stout, G. 1930b. White's Thrush at Fair Isle. *Scottish Naturalist* 1930: 8.
- Thomson, A.L. 1914. Rare birds in Aberdeenshire in 1913. *Scottish Naturalist* 1914: 201-202.
- Williamson, K. 1965. *Fair Isle and its Birds*. Oliver & Boyd, Edinburgh.

351 Siberian Thrush (3)

- Andrew, D.G., Nelder, J.A. & Hawkes, M. 1955. Siberian Thrush on the Isle of May: a new British bird. *British Birds* 48: 21-25.
- MacKinnon, J. & Phillipps, K. 2000. *A Field Guide to the Birds of China*. Oxford University Press, Oxford.
- Woodbridge, K. 1992. The Siberian Thrush on Orkney. *Birding World* 5: 377-379.

352 Hermit Thrush (2)

- Broad, R.A. 1979. Hermit Thrush: new to Britain and Ireland. *British Birds* 72: 414-417.
- Davies, T. & Davies, J. 1999b. Hermit Thrush on Fetlar – first Shetland record. *Shetland Bird Report* 1998: 92-93.

353 Swainson's Thrush (2)

- Gordon, I. 2001b. Swainson's Thrush at Brae – second SBC area record; third Shetland record. *Shetland Bird Report* 2000: 96.
- Pennington, M. & Maher, M. 2004. Swainson's Thrush double, Unst Shetland, autumn 2003. *Birding Scotland* 7: 35-38.

354 Grey-cheeked Thrush (7)

- British Ornithologists' Union (BOU). 1997. British Ornithologists' Union Records Committee: 23rd Report (July 1996). *Ibis* 139: 197-201.
- Dawson, B. 2005a. Separation of Grey-cheeked and Bicknell's Thrushes - certainly difficult, but not impossible! *Birding Scotland* 8: 25-38.
- Dillon, I. 2001. The Grey-cheeked Thrush on Orkney. *Birding Scotland* 4: 184-185.
- Grubb, P. 1966. Grey-cheeked Thrushes on St Kilda and in Morayshire. *Scottish Birds* 4: 310-312.
- Knox, A. 1996. Grey-cheeked and Bicknell's Thrushes: taxonomy, identification and the British and Irish records. *British Birds* 89: 1-9.
- Williamson, K. 1954a. Gray-cheeked Thrush at Fair Isle: a new British bird. *British Birds* 47: 266-267.
- Williamson, K. 1954d. American birds in Scotland in autumn and winter, 1953-54. *Scottish Naturalist* 1954: 13-29.

355 Veery (2)

- Benstead, P. 1998. Blast from the past: the North Uist Veery, a first for Scotland, 20th-22nd October 1995. *Birding Scotland* 1: 85-87.
- Lees, J.S. 2002. The Veery on North Ronaldsay, 30th September - 6th October 2002 - the second Scottish record. *Birding Scotland* 5: 155-158.

356 Ring Ouzel (24)

- Appleyard, I. 1994. *Ring Ouzels of the Yorkshire Dales*. W.S. Maney & Son Ltd, Leeds.
- Arthur, D.S.C., Ellis, P.R., Lawrie, R.G. & Nicoll, M. 2000. Observations of wintering Ring Ouzels and their habitat in the High Atlas Mountains, Morocco. *Scottish Birds* 21: 109-115.
- Arthur, D.S.C. & White, S.A. 2001. Numbers, distribution and breeding biology of Ring Ouzels in upper Glen Esk, 1992-98. *Scottish Birds* 22: 50-59.
- Beale, C.M., Burfield, I.J., Sim, I.M.W., Rebecca, G.W., Pearce-Higgins, J.W. & Grant, M.C. 2006. Climate change may account for the decline in British ring ouzels *Turdus torquatus*. *Journal of Animal Ecology* 75: 826-835.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Buchanan, G.M., Pearce-Higgins, J.W., Wotton, S.R., Grant, M.C. & Whitfield, D.P. 2003. Correlates of the change in Ring Ouzel *Turdus torquatus* abundance in Scotland from 1988-91 to 1999. *Bird Study* 50: 97-105.
- Burfield, I. 2002. *The breeding ecology and conservation of the ring ouzel Turdus torquatus in Britain*. Unpublished PhD thesis, University of Cambridge.
- Clement, P. & Hathaway, R. 2000. *Thrushes*. Christopher Helm, London.
- Dougall, T.W. 1990b. Proximity of successful Ring Ouzel and Mistle Thrush nests. *Scottish Birds* 16: 40-41.
- Durman, R.F. 1976. Ring Ouzel migration. *Bird Study* 23: 197-205.
- Durman, R.F. 1977. Ring Ouzels in the Pentlands. *Edinburgh Ringing Group Report* 5: 24-27.
- Eggeling, W.J. 1974. The birds of the Isle of May - a revised assessment of status. *Scottish Birds* 8 (supplement): 93-

- Flegg, J.J.M. & Glue, D.E. 1975. The nesting of the Ring Ouzel. *Bird Study* 22: 1-8.
- Gregory, R.D., Wilkinson, N.I., Noble, D.G., Robinson, J.A., Brown, A.F., Hughes, J., Procter, D., Gibbons, D.W. & Galbraith, C.A. 2002. The population status of birds in the United Kingdom, Channel Islands and Isle of Man: an analysis of conservation concern 2002-2007. *British Birds* 95: 410-448.
- Poxton, I.R. 1986. Breeding Ring Ouzels in the Pentland Hills. *Scottish Birds* 14: 44-48.
- Poxton, I.R. 1987. Breeding status of the Ring Ouzel in Southeast Scotland. *Scottish Birds* 14: 205-208.
- Rebecca, G.W. 2001. The contrasting status of the Ring Ouzel in two areas of upper Deeside, northeast Scotland, between 1991 and 1998. *Scottish Birds* 22: 9-19.
- Rollie, C.J. & Rebecca, G.W. 2001. *British ring ouzels wintering in central and southern Spain: some observations of the birds and the habitat around ringing recovery sites*. Unpublished Sabbatical Report. RSPB.
- Sim, I., Rebecca, G., Duncan, R. & Duncan, J. 2003a. The Glen Clunie Ring Ouzels. *Scottish Bird News* 69: 8-9.
- Sim, I., Rebecca, G.W., Duncan, R. & Duncan, J. 2003b. *Glen Clunie Ring Ouzel Breeding Biology Project: summary of results 1998-2003*. Unpublished report in minutes of National Ring Ouzel Study Group meeting of February 2004.
- Sim, I., Smith, T. & Donnelly, E. 1998. *The 1997 Ring Ouzel survey in south Scotland*. Unpublished report. RSPB.
- Tyler, S.J. & Green, M. 1994. The status and breeding ecology of ring ouzels *Turdus torquatus* in Wales with reference to soil acidity. *Welsh Bird Report* 7: 78-79.
- Williamson, K. 1952c. Reports on the movements of some commoner summer migrants at British bird observatories in 1951: Ring Ouzel. *British Birds* 45: 251-255.
- Wotton, S.R., Langston, R.H.W. & Gregory, R.D. 2002a. The breeding status of the Ring Ouzel *Turdus torquatus* in the UK in 1999. *Bird Study* 49: 26-34.

357 Common Blackbird (12)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Clement, P. & Hathway, R. 2000. *Thrushes*. Christopher Helm, London.
- da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
- da Prato, S.R.D. 1989. The breeding birds of some built-up areas in south-east Scotland. *Scottish Birds* 15: 170-177.
- Macdonald, M.A. & Swann, R.L. 1968. Breeding success of Blackbirds in Edinburgh suburbs. *Scottish Birds* 5: 109.
- Murray, S. 2002b. The birds of St Kilda. *Scottish Birds* 23 (supplement): 1-64.
- Patterson, I.J., Ollason, J.G. & Doyle, P. 1995. Bird populations in upland spruce plantations in northern Britain. *Forest Ecology and Management* 79: 107-131.
- Pennington, M. 2001a. A census of breeding Blackbirds on Unst. *Shetland Bird Report* 2000: 112-113.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Swann, R.L. 1975b. Seasonal variations in suburban Blackbird roosts in Aberdeen. *Ringing & Migration* 1: 37-42.
- Venables, L.S.V. & Venables, U.M. 1952. The Blackbird in Shetland. *Ibis* 94: 636-653.

358 Eyebrowed Thrush (5)

- Clement, P. & Hathway, R. 2000. *Thrushes*. Christopher Helm, London.
- Green, S. 1996. Eye-browed Thrush [in Angus & Dundee]. *Angus & Dundee Bird Report* 1995: 43-44.
- Parslow, J.L.F. 1968. Eye-browed Thrushes in Northamptonshire, Hebrides and Scilly: a species new to Britain and Ireland. *British Birds* 61: 218-223.
- Picozzi, N. 1965. Eye-browed Thrush on North Rona: a new Scottish bird. *Scottish Birds* 3: 419-420.
- Picozzi, N. 2000. Blast from the past: Eye-browed Thrush, North Rona, October 1964. *Birding Scotland* 3: 148-149.

359 Dusky Thrush (3)

- Clement, P. & Hathway, R. 2000. *Thrushes*. Christopher Helm, London.
- Rogers, M.J. & the Rarities Committee. 1991. Report on rare birds in Great Britain in 1990. *British Birds* 84: 449-505.
- Simpson, J.H. & Dennis, R.H. 1969. Dusky Thrushes in Shetland. *Scottish Birds* 5: 392-394.

360 Dark-throated Thrush (7)

- Clement, P. & Hathway, R. 2000. *Thrushes*. Christopher Helm, London.
- Davis, P. 1958a. Black-throated Thrush at Fair Isle. *British Birds* 51: 195-197.
- Drummond-Hay, H.M. 1889. *Turdus atrigularis* near Perth. *Ibis* 1889: 579-580.
- Drummond-Hay, H.M. 1893. Remarks on the Black-throated Thrush and its occurrence in Scotland. *Transaction of the Perthshire Society of Natural Science* 1: 135-138.
- Gilroy, J.J. & Lees, A.C. 2003. Vagrancy theories: are autumn vagrants really reverse migrants? *British Birds* 96: 427-

- Holloway, J. 1995. The Black-throated Thrush in Orkney. *Birding World* 8: 172.
 Kelly, D.J. 1990. Black-throated Thrush at Prestongrange. *Lothian Bird Report* 1989: 93-94.

361 Fieldfare (16)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
 Balfour, E. 1968a. Fieldfares breeding in Orkney. *Scottish Birds* 5: 31-32.
 Barnard, C.J. & Stephens, H. 1983. Costs and benefits of single and mixed species flocking in Fieldfares (*Turdus pilaris*) and Redwings (*Turdus iliacus*). *Behaviour* 84: 91-123.
 Clement, P. & Hathway, R. 2000. *Thrushes*. Christopher Helm, London.
 Dennis, R. 1995a. *The Birds of Badenoch and Strathspey*. 2nd Edition. Colin Baxter Photography, Grantown-on-Spey.
 Gladstone, H.S. 1912a. Migration of Fieldfare. *Scottish Naturalist* 1912: 89.
 Norman, D. 1994. *The Fieldfare*. Hamlyn, London.
 Patterson, D.J. & Wells, L.J. 2002. Winter site fidelity of Fieldfares in southwest Scotland. *Scottish Birds* 23: 50-52.
 Pennant, T. 1789. Sketch of Caledonian Zoology. In: Lightfoot, J. (ed.) *Flora Scotica*. 2nd edition, pp 1-66. Faulder, London.
 Picozzi, N. 1973. Fieldfares breeding on the Scottish mainland, 1972-3. *Scottish Birds* 7: 406-408.
 Sibbald, R. 1684. *Scotia Illustrata, sive Prodromus Historia Naturalis*. J. Kniblo, J. Solingensis & J. Colmarii, Edinburgh.
 Swann, R.L. 1987a. Double-brooded Fieldfare nesting in Glenurquhart, Scotland. *Scottish Birds* 14: 185.
 Tulloch, R.J. 1968b. Fieldfares breeding in Shetland. *Scottish Birds* 5: 218-219.
 Tyränen, H. 1975. The winter irruption of the Fieldfare *Turdus pilaris* and the supply of Rowan-berries. *Ornis Fennica* 52: 23-31.
 Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
 Weir, D.N. 1970. Fieldfares breeding in east Inverness-shire. *Scottish Birds* 6: 212-213.

362 Song Thrush (34)

- Baillie, S.R., Marchant, J.H., Crick, H.Q.P., Noble, D.G., Balmer, D.E., Beaven, L.P., Coombes, R.H., Downie, I.S., Freeman, S.N., Joys, A.C., Leech, D.I., Raven, M.J., Robinson, R.A. & Thewlis, R.M. 2005. *Breeding Birds in the Wider Countryside: their conservation status 2004*. BTO Research Report 385. BTO, Thetford.
 Bannerman, D.A. 1954. *The Birds of the British Isles*. Volume 3. Oliver & Boyd, Edinburgh.
 Baxter, E.V. 1935b. The breeding Song Thrushes of Shetland. *Scottish Naturalist* 1935: 110.
 British Ornithologists' Union (BOU). 1971. *The Status of Birds in Britain and Ireland*. Blackwell Scientific Publications, Oxford.
 Clarke, W.E. 1912a. *Studies in Bird Migration*. Two volumes. Gurney & Jackson, London.
 Clarke, W.E. 1913a. The Song Thrush of the Outer Hebrides - *Turdus musicus hebridensis* - a new racial form. *Scottish Naturalist* 1913: 53-55.
 Clement, P. & Hathway, R. 2000. *Thrushes*. Christopher Helm, London.
 Cook, M. 1992. *The Birds of Moray and Nairn*. The Mercat Press, Edinburgh.
 Cunningham, P. 1983a. *The Birds of the Outer Hebrides: a guide to their status and distribution*. The Melven Press, Perth.
 da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
 da Prato, S.R.D. 1989. The breeding birds of some built-up areas in south-east Scotland. *Scottish Birds* 15: 170-177.
 Eggeling, W.J. 1974. The birds of the Isle of May - a revised assessment of status. *Scottish Birds* 8 (supplement): 93-148.
 Flint, V.E., Boehme, R.L., Kostin, Y.V. & Kuznetsov, A.A. 1984. *A Field Guide to Birds of the USSR*. Princeton University Press, Guildford, Surrey.
 Gordon, R. 1813. *A Genealogical History of the Earldom of Sutherland, from its Origin to the Year 1630*. Constable, Edinburgh.
 Gruar, D., Peach, W. & Taylor, R. 2003. Summer diet and body condition of Song Thrushes *Turdus philomelos* in stable and declining farmland populations. *Ibis* 145: 637-649.
 Hazelwood, A. & Gorton, E. 1954. A Hebridean Song Thrush *Turdus ericetorum hebridensis* Clarke in England. *Bulletin of the British Ornithologists' Club* 74: 10.
 Herman, J.S., McGowan, R.Y. & Swinney, G.N. 1990. *Catalogue of the Type Specimens of Recent Vertebrates in the National Museums of Scotland*. National Museums of Scotland Information Series No. 4.
 Hill, I.F., Cresswell, B. & Kenward, R.E. 1999. Comparison of brooding patterns between Blackbird *Turdus merula* and Song Thrush *T. philomelos*. *Bird Study* 46: 122-126.
 Lack, D. 1943c. The problem of partial migration. *British Birds* 37: 122-130, 143-150.
 MacKinnon, J. & Phillipps, K. 2000. *A Field Guide to the Birds of China*. Oxford University Press, Oxford.
 Marchant, J.H., Hudson, R., Carter, S.P. & Whittington, P. 1990. *Population Trends in British Breeding Birds*. BTO/JNCC, Tring.

- McGowan, R.Y., Clugston, D.L., Forrester, R.W. on behalf of the Scottish Birds Records Committee. 2003. Scotland's endemic subspecies. *Scottish Birds* 24 (1): 18-35.
- McMillan, R.L. 2005. *Skye Birds: an illustrated guide to the birds of Skye*. Skye-birds.com, Elgol.
- Paradis, E., Baillie, S.R., Sutherland, W.J., Dudley, C., Crick, H.Q.P. & Gregory, R.D. 2000. Large-scale spatial variation in the breeding performance of song thrushes *Turdus philomelos* and blackbirds *T. merula* in Britain. *Journal of Applied Ecology* 37 (supplement): 73-87.
- Paton, E.R. & Pike, O.G. 1929. *The Birds of Ayrshire*. H.F. & G. Witherby, London.
- Peach, W.J., Denny, M., Cotton, P.A., Hill, I.F., Gruar, D., Barritt, D., Impy, A. & Mallord, J. 2004. Habitat selection by song thrushes in stable and declining farmland populations. *Journal of Applied Ecology* 41: 275-293.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Robinson, R.A., Green, R.E., Baillie, S.R., Peach, W.J. & Thompson, D.L. 2004b. Demographic mechanisms of the population decline of the song thrush *Turdus philomelos* in Britain. *Journal of Animal Ecology* 73: 670-682.
- Rutledge, R.F. 1966. *Ireland's Birds*. H.F. & G. Witherby, London.
- Sibbald, R. 1684. *Scotia Illustrata, sive Prodromus Historia Naturalis*. J. Kniblo, J. Solingensis & J. Colmarii, Edinburgh.
- Stroud, D.A. (ed.) 1989. *The Birds of Coll and Tiree: status, habitats and conservation*. NCC/SOC, Edinburgh.
- Vaurie, C. 1959. *The Birds of the Palaearctic Fauna. Passeriformes*. H.F. & G. Witherby, London.
- Venables, L.S.V. & Venables, U.M. 1955. *The Birds and Mammals of Shetland*. Oliver & Boyd, Edinburgh.
- Williamson, K. 1965. *Fair Isle and its Birds*. Oliver & Boyd, Edinburgh.

363 Redwing (39)

- Batten, L.A., Bibby, C.J., Clement, P., Elliott, G.D. & Porter, R.F. 1990. *Red Data Birds in Britain: action for rare, threatened and important species*. T. & A.D. Poyser, London.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Campbell, B. & Sparrow, C.E.H. 1965. Redwings breeding in North West Highlands. *Scottish Birds* 3: 315.
- Clement, P. & Hathway, R. 2000. *Thrushes*. Christopher Helm, London.
- Cook, M. 1992. *The Birds of Moray and Nairn*. The Mercat Press, Edinburgh.
- da Prato, S.R.D., da Prato, E.S. & Chittenden, D.J. 1980. Redwing migration through the British Isles. *Ringing & Migration* 3: 9-20.
- Daukes, A.H. 1932. Breeding of the Redwing in Scotland. *British Birds* 26: 132-134.
- Daukes, A.H. 1933a. Second nesting of the Redwing in Scotland. *British Birds* 27: 51.
- Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
- Ferguson-Lees, I.J. 1966. Editorial comment on Redwings breeding in Scotland. *British Birds* 59: 500-501.
- Gilbert, G., Gibbons, D.W. & Evans, J. 1998a. *Bird Monitoring Methods: a manual of techniques for key UK species*. RSPB, Sandy.
- Holt, E.G. 1959. Redwings breeding in Ross-shire. *British Birds* 52: 315.
- Holt, E.G. 1960. Redwings breeding in Ross-shire. *British Birds* 53: 358-359.
- Holt, E.G. 1966. Redwings breeding in Sutherland. *British Birds* 59: 500-501.
- Jefferson, J. 1970. Redwings breeding in North Perthshire. *Scottish Birds* 6: 213.
- Kay, G.T. 1954. The Redwing nests in Shetland. *Scottish Naturalist* 1954: 50-52.
- Knowles, C., Hasler, J.K., Shaw, K.M., Grant, J.A.R., Sinclair, W.A., Barnes, M.T., Easy, G.M.S. & Walker, F.J. 1968. Redwings breeding in Scotland. *Scottish Birds* 5: 32-39.
- Lloyd, J.D. 1947. Redwing nesting in Sutherland. *British Birds* 40: 277-278.
- Lowe, P.R. 1933. Breeding of Redwing in Scotland. *Bulletin of the British Ornithologists' Club* 53: 208.
- Macdonald, D. & Mitchell, M.H. 1961. Redwing breeding in Ross-shire. *Scottish Birds* 1: 454-455.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- Ogilvie, M. & the Rare Breeding Birds Panel. 2002. Rare breeding birds in the United Kingdom in 2000. *British Birds* 95: 542-582.
- Parslow, J.L.F. 1967. Changes in status among breeding birds in Britain and Ireland. *British Birds* 60: 396-404.
- Pennie, I.D. 1960. Redwings breeding in Sutherland. *Scottish Birds* 1: 190-191.
- Sharrock, J.T.R. 1972. Habitat of Redwings in Scotland. *Scottish Birds* 7: 208-209.
- Simms, E. 1978. *British Thrushes*. Collins, London.
- Spencer, R. & the Rare Breeding Birds Panel. 1986b. Rare breeding birds in the United Kingdom in 1984. *British Birds* 79: 470-495.
- Stenhouse, J.H. 1926. Bird notes from Fair Isle. *Scottish Naturalist* 1926: 7-10.
- Swann, R.L. 1987b. Icelandic Redwings in Inverness-shire. *Scottish Birds* 14: 213.
- Thorpe, A.W. 2001. *North Sea Bird Club 21st Anniversary Report*. North Sea Bird Club, Aberdeen.
- Tucker, G.M. & Heath, M.F. 1994. *Birds in Europe: their conservation status*. BirdLife Conservation Series No. 3. BirdLife International, Cambridge.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
- Waterston, G. 1936. Bird notes from Fair Isle. *Scottish Naturalist* 1936: 61-64.

- Waterston, G. 1937a. Bird notes from Shetland. *Scottish Naturalist* 1937: 25-31.
 Weir, T. 1959. Overland mass migration of Redwings. *Scottish Birds* 1: 97.
 Williamson, K. 1958a. Autumn immigration of Redwings *Turdus musicus* into Fair Isle. *Ibis* 100: 582-604.
 Williamson, K. 1965. *Fair Isle and its Birds*. Oliver & Boyd, Edinburgh.
 Williamson, K. 1973a. Habitat of Redwings in Wester Ross. *Scottish Birds* 7: 268-269.
 Witherby, H.F. 1926. On some new British birds. *British Birds* 20: 11-16.

364 Mistle Thrush (12)

- Baxter, E.V. 1954. Some notes in the nesting of a Missle Thrush. *Scottish Naturalist* 1954: 49-50.
 Dougall, T.W. 1982. Mistle Thrush carrying mammal. *Scottish Birds* 12: 22-23.
 Dougall, T.W. 1990b. Proximity of successful Ring Ouzel and Mistle Thrush nests. *Scottish Birds* 16: 40-41.
 Gossip, P.W. 1995. Willow Warbler feeding Mistle Thrush nestlings. *Scottish Birds* 18: 120.
 Jenkins, D. 1983. Song-flighting Mistle Thrush. *Scottish Birds* 12: 259.
 Myres, M.T. 1955. The breeding of Blackbird, Song Thrush and Mistle Thrush in Great Britain. Part I. Breeding seasons. *Bird Study* 2: 2-24.
 Parslow, J.L.F. 1973. *Breeding Birds in Britain and Ireland: a historical survey*. T. & A.D. Poyser, Berkhamsted.
 Peach, W.J., Denny, M., Cotton, P.A., Hill, I.F., Gruar, D., Barritt, D., Impy, A. & Mallord, J. 2004. Habitat selection by song thrushes in stable and declining farmland populations. *Journal of Applied Ecology* 41: 275-293.
 Raven, M.J., Noble, D.G. & Baillie, S.R. 2004. *The Breeding Bird Survey 2003*. BTO Research Report 363. BTO, Thetford.
 Simms, E. 1978. *British Thrushes*. Collins, London.
 Snow, B.K. & Snow, N.W. 1984. Long-term defence of fruit by Mistle Thrushes *Turdus viscivorus*. *Ibis* 126: 39-49.
 Snow, D.W. 1969. Some vital statistics of British Mistle Thrushes. *Bird Study* 16: 34-44.

365 American Robin (3)

- Andrew, D.G. 1963. Review of ornithological changes in Scotland in 1962. *Scottish Birds* 2: 342-350.
 Gear, J.R. 1968. American Robin on Foula, Shetland. *Scottish Birds* 5: 220.
 Hales, E. 1967. American Robin in Kirkcudbrightshire. *Scottish Birds* 4: 376-377.

366 Cetti's Warbler (6)

- Andrews, I.J. 1994. Cetti's Warbler in Edinburgh - a new bird for Scotland. *Scottish Birds* 17: 176-177.
 Andrews, I.J., Shepherd, M., Raeval, P. & Duponcheel, F. 1994. Cetti's Warbler in Edinburgh: a new bird for Lothian and Scotland. *Lothian Bird Report* 1993: 120-122.
 Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
 Bibby, C.J. 1982. Polygyny and the breeding ecology of the Cetti's Warbler *Cettia cetti*. *Ibis* 124: 288-301.
 Bibby, C.J. & Thomas, D.K. 1984. Sexual dimorphism in size, moult and movements of Cetti's Warbler *Cettia cetti*. *Bird Study* 31: 28-34.
 Bonham, P.F. & Robertson, J.C.M. 1975. The spread of Cetti's Warbler in north-west Europe. *British Birds* 68: 393-408.

367 Pallas's Grasshopper Warbler (5)

- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
 Osborn, K., Reid, J. & Reeves, S. 1998b. Pallas's Grasshopper Warblers on Shetland in autumn 1997. *Birding Scotland* 1: 14-17.
 Riddiford, N. & Harvey, P.V. 1991. Pallas's Grasshopper Warbler identification: some new field characters. *Birding World* 4: 324-326.
 Williamson, K. 1950c. Fair Isle Bird Observatory. Notes on selected species, autumn, 1949. *British Birds* 43: 48-52.
 Williamson, K. 1957b. Pallas's Grasshopper Warbler at Fair Isle. *British Birds* 50: 395-397.

368 Lanceolated Warbler (12)

- Anon. 1911. Lanceolated Warblers in Scotland. *British Birds* 4: 368.
 Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
 Clarke, W.E. 1911d. On the occurrence of Temminck's Grasshopper-Warbler in Orkney. *Annals of Scottish Natural History* 1911: 71.
 Clarke, W.E. 1912a. *Studies in Bird Migration*. Two volumes. Gurney & Jackson, London.
 Davies, C. 2001. The European Bird Report. Passerines. *British Birds* 94: 419-430.
 Davis, P. 1961a. Lanceolated Warblers at Fair Isle and the problem of identification. *British Birds* 54: 142-145.
 McFarland, V., Raines, R.J., Craggs, J.D., Barnacal, B.S., Broad, R.A., Allen, N.V., Burrows, I. & Coe, P. 1974.

- Lanceolated Warblers at Fair Isle. *Scottish Birds* 8: 34-35.
 Moon, A.V. 1995. Lanceolated Warbler in Shetland. *British Birds* 88: 435-438.
 Osborn, K. 1999b. Do you still need – Lanceolated Warbler? *Birding Scotland* 2: 100-101.
 Riddiford, N. & Harvey, P.V. 1992a. Identification of Lanceolated Warbler. *British Birds* 85: 62-78.
 Saunders, H. & Clarke, W.E. 1927. *Manual of British Birds*. 3rd Edition. Gurney & Jackson, London.
 Thorpe, A.W. 2001. *North Sea Bird Club 21st Anniversary Report*. North Sea Bird Club, Aberdeen.

369 Common Grasshopper Warbler (13)

- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
 Callion, J., White, N. & Holloway, D. 1990. Grasshopper Warblers raising two and three broods in Cumbria. *British Birds* 83: 506-508.
 Cunningham, P., Dix, T. & Snow, P. 1995. *Birdwatching in the Outer Hebrides*. Saker Press, Lochdon, Mull.
 da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
 Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
 Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.
 Glue, D.E. 1990a. Breeding biology of the Grasshopper Warbler in Britain. *British Birds* 83: 131-145.
 Marchant, J.H., Hudson, R., Carter, S.P. & Whittington, P. 1990. *Population Trends in British Breeding Birds*. BTO/JNCC, Tring.
 Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
 Riddiford, N. 1983b. Recent declines of Grasshopper Warblers *Locustella naevia* at British bird observatories. *Bird Study* 30: 143-148.
 Service, R. 1892c. Grasshopper Warbler in S.W. Scotland. *Zoologist* 1892: 333.
 Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
 Walpole-Bond, J. 1934. Some habits of the Grasshopper-Warbler in Sussex. *British Birds* 27: 342-351.

370 River Warbler (8)

- Andrew, D.G. 1963. Review of ornithological changes in Scotland in 1962. *Scottish Birds* 2: 342-350.
 Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
 Buckland, S. 1995. River Warbler - new to Fife. *Fife Bird Report* 1994: 84-85.
 Cottridge, D. & Vinicombe, K.E. 1996. *Rare Birds in Britain and Ireland: a photographic record*. HarperCollins/Birding World, London.
 Davis, P. 1962b. River Warbler at Fair Isle: a bird new to Britain. *British Birds* 55: 137-138.
 Dennis, R.H. 1973a. River Warbler on Fair Isle. *British Birds* 66: 312-313.
 Ellis, P.M. 1994. River Warbler on Out Skerries, the first for the Shetland recording area. *Shetland Bird Report* 1993: 121.
 Sharrock, J.T.R. & Grant, P.J. 1982. *Birds New to Britain and Ireland*. T. & A.D. Poyser, Calton.

371 Savi's Warbler (8)

- Axell, H.E. & Jobson, G.J. 1972. Savi's Warblers breeding in Suffolk. *British Birds* 65: 229-232.
 Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
 Clarke, W.E. 1907b. The birds of Fair Isle. - II. The results of observations made during the year 1906. *Annals of Scottish Natural History* 1907: 66-80.
 Clarke, W.E. 1909b. The birds of Fair Isle. - IV. Report on observations made during the year 1908. *Annals of Scottish Natural History* 1909: 69-75.
 Green, N. 2004a. Britain's first Eastern Savi's Warbler, Fair Isle, Shetland. *Birding Scotland* 7: 31-34.
 Marshall, B. 1996. Savi's Warbler on Whalsay, the first for the Bird Club recording area 29th-30th May. *Shetland Bird Report* 1995: 92-93.
 Pitt, R.G. 1967. Savi's Warblers breeding in Kent. *British Birds* 60: 349-355.
 Votier, S.C. 2003. Savi's Warbler on Foula: second for SBC area, eighth Shetland record. *Shetland Bird Report* 2002: 104-105.

372 Aquatic Warbler (4)

- Clarke, W.E. 1915a. A new Scottish bird: the Aquatic Warbler at Fair Isle. *Scottish Naturalist* 1915: 5.
 Dennis, R.H. & Tulloch, R.J. 1970. Aquatic Warblers in Fair Isle and Shetland. *Scottish Birds* 6: 48-49.
 Fraser, P.A. & Rogers, M.J. 2006b. Report on scarce migrant birds in Britain in 2003. Part 2: Short-toed Lark to Little Bunting. *British Birds* 99: 129-147.
 Waterston, G. 1936. Bird notes from Fair Isle. *Scottish Naturalist* 1936: 61-64.

373 Sedge Warbler (13)

- Alker, P.J. & Redfern, C.P.F. 1996. Double brooding and polygyny in Sedge Warblers *Acrocephalus schoenobaenus* breeding in north-west England. *Bird Study* 43: 356-363.
- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
- Bannerman, D.A. 1954. *The Birds of the British Isles*. Volume 3. Oliver & Boyd, Edinburgh.
- Bibby, C.J. 1978. Some breeding statistics of Reed and Sedge Warblers. *Bird Study* 25: 207-222.
- Buchanan, K.L. & Catchpole, C.K. 2000. Song as an indicator of male parental effort in the sedge warbler. *Proceedings of the Royal Society of London* B267: 321-326.
- da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
- Handrinos, G. & Akriotis, T. 1997. *The Birds of Greece*. Christopher Helm, London.
- McMillan, R.L. 1979. *An investigation into the commercial harvesting of the Tay reedbeds*. Unpublished MA Hons dissertation, University of Dundee.
- Peach, W.J., Baillie, S.R. & Underhill, L. 1991. Survival of British Sedge Warblers *Acrocephalus schoenobaenus* in relation to west African rainfall. *Ibis* 133: 300-305.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Riddiford, N. & Findley, P. 1981. *Seasonal Movements of Summer Migrants*. BTO, Tring.
- Simms, E. 1985. *British Warblers*. Collins, London.
- Thomas, D.K. 1984. Aspects of habitat selection in the Sedge Warbler *Acrocephalus schoenobaenus*. *Bird Study* 31: 187-194.

374 Paddyfield Warbler (9)

- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
- Bearhop, S., McInerny, C.J. & Votier, S.C. 2004. Vagrants on Foula in early June 2004. *Birding Scotland* 7: 97-101.
- Cottridge, D. & Vinicombe, K.E. 1996. *Rare Birds in Britain and Ireland: a photographic record*. HarperCollins/Birding World, London.
- Knox, A.G., Collinson, M., Helbig, A.J., Parkin, D.T. & Sangster, G. 2002. Taxonomic recommendations for British birds. *Ibis* 144: 707-710.
- Osborn, K. 1987. Motting on upperparts of a Paddyfield Warbler. *British Birds* 80: 634-635.
- Riddington, R. 1996. The Paddyfield Warbler on Fair Isle. *Birding World* 9: 388.
- Stenhouse, J.H. 1925d. Jerdon's Reed-warbler, *Acrocephalus agricola*, at Fair Isle; an addition to the British avifauna. *Scottish Naturalist* 1925: 173-174.
- Williamson, K. 1954b. Paddyfield Warbler at Fair Isle. *British Birds* 47: 297-301.
- Witherby, H.F. 1926. On some new British birds. *British Birds* 20: 11-16.

375 Blyth's Reed Warbler (10)

- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
- Bedford, M. & Clarke, W.E. 1913. Notes on migratory birds observed at Fair Isle during the year 1912. *Scottish Naturalist* 1913: 5-8, 25-29.
- Butterfield, D. 2000. Blyth's Reed Warbler at Nigg Ferry, Highland, 7th-25th June 2000. *Birding Scotland* 3: 127-128.
- Clarke, W.E. 1911c. Blyth's Reed-Warbler (*Acrocephalus dumetorum*) at Fair Isle: an addition to the British avifauna. *Annals of Scottish Natural History* 1911: 70-71.
- Cobb, J. 2002. Three new warblers for mainland Fife. *Birding Scotland* 5: 5-9.
- Ellis, P., Jackson, B. & Suddaby, D. 1994a. The Blyth's Reed Warbler in Shetland. *Birding World* 7: 227-230.
- Harvey, P.V. & Shaw, K.D. 1999a. Dealing with difficult rarities - their identification and assessment. Number three: Blyth's Reed Warbler, Fair Isle, September 1996. *Birding Scotland* 2: 14-17.
- Pennington, M. 1998. Blyth's Reed Warbler on Unst, 16th September – 1st October 1997, and a summary of previous Scottish records. *Birding Scotland* 1: 7-13.
- Stenhouse, J.H. 1929. Rare birds at Fair Isle. *Scottish Naturalist* 1929: 9.
- Votier, S. & Riddington, R. 1996. The two Blyth's Reed Warblers on Fair Isle. *Birding World* 9: 221-223.

376 Marsh Warbler (12)

- Adam, R.G. & Meek, E.R. 1994. Did Marsh Warblers *Acrocephalus palustris* breed in Orkney in 1993? *Orkney Bird Report* 1993: 73-76.
- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
- Clarke, W.E. 1907b. The birds of Fair Isle. - II. The results of observations made during the year 1906. *Annals of Scottish Natural History* 1907: 66-80.
- Clarke, W.E. 1912a. *Studies in Bird Migration*. Two volumes. Gurney & Jackson, London.

- Clarke, W.E. & Kinnear, N.B. 1906. Rare birds at Fair Isle. *Annals of Scottish Natural History* 1906: 236-237.
- Maher, M., Pennington, M. & Votier, S. 2003b. Marsh Warblers breeding at Baltasound: first Shetland breeding record. *Shetland Bird Report* 2002: 105.
- Meek, E.R. & Adam, R.G. 1997. Marsh Warblers breeding in Orkney: first Scottish breeding record. *British Birds* 90: 230.
- Meek, E.R., Adam, R.G. & Hadasch, J. 1998a. Marsh Warblers breeding in Orkney in 1993: a first for Scotland. *Scottish Birds* 19: 170-171.
- Meek, E.R., Fairclough, K., Matson, R.E. & Ribbands, J.B.R. 1998c. Marsh Warblers breeding on South Ronaldsay. *Orkney Bird Report* 1997: 82.
- Rivers, S.L. 2002c. Marsh Warblers in Scotland. *Birding Scotland* 5: 83-86.
- Swallow, J.L. 1994. Marsh Warbler at Muchalls on 31 May 1993; the first record for North-East Scotland. *North-East Scotland Bird Report* 1993: 87.
- Syvertson, Ø. 1992. Status of Marsh Warbler in Norway. *British Birds* 85: 89-90.

377 Eurasian Reed Warbler (17)

- Brown, A. & Grice, P. 2005. *Birds in England*. T. & A.D. Poyser, London.
- Bruce, K. 1997. Reed Warblers breeding in south west Scotland. *Scottish Birds* 19: 119-120.
- Bundy, G. 1975. Reed Warblers breeding in Shetland. *British Birds* 68: 210-211.
- Clarke, W.E. 1907b. The birds of Fair Isle. - II. The results of observations made during the year 1906. *Annals of Scottish Natural History* 1907: 66-80.
- Clarke, W.E. 1912a. *Studies in Bird Migration*. Two volumes. Gurney & Jackson, London.
- Clarke, W.E. & Kinnear, N.B. 1906. Rare birds at Fair Isle. *Annals of Scottish Natural History* 1906: 236-237.
- Gladstone, H.S. 1922. Notes on the birds of Dumfriesshire. *Transactions and Journal of Proceedings of Dumfriesshire and Galloway Natural History and Antiquarian Society* 9 (3rd Series): 46.
- Hustings, F. 1988. *European Monitoring Studies of Breeding Birds*. Beek, Netherlands (SOVON).
- Laidlaw, H. 1912. Reed-warbler in the Orkneys. *Scottish Naturalist* 1912: 278.
- Marchant, J.H., Hudson, R., Carter, S.P. & Whittington, P. 1990. *Population Trends in British Breeding Birds*. BTO/JNCC, Tring.
- Murray, S. 2002b. The birds of St Kilda. *Scottish Birds* 23 (supplement): 1-64.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Robertson, D. 2001. Eurasian Reed Warblers (*Acrocephalus scirpaceus*) breeding in the Tay Reedbeds. *Tay Ringing Group Report* 1998-2000: 29-31.
- Robertson, D. 2003. Eurasian Reed Warblers in Scotland: a review of probable breeding records. *Scottish Birds* 24 (1): 36-39.
- Shaw, D.N., Holt, C. & Maggs, H. 2000. The Caspian Reed Warbler on Fair Isle. *Birding World* 13: 315-317.
- Shuttleworth, A. 2000. Eurasian Reed Warbler, first probable breeding in Fife. *Fife Bird Report* 1999: 154.
- Stott, M., Callion, J., Kinley, I., Raven, C. & Roberts, J. (eds) 2002. *The Breeding Birds of Cumbria: a tetrad atlas 1997-2001*. Cumbria Bird Club.

378 Great Reed Warbler (4)

- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Murdoch, C.C.I. 1965. Great Reed Warbler in East Inverness. *Scottish Birds* 3: 315-317.
- Oliver, D.W. 1971. Great Reed Warbler in Fife. *Scottish Birds* 6: 337.

379 Thick-billed Warbler (7)

- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
- Bull, A. 2003a. Britain's first spring Thick-billed Warbler. *Birding Scotland* 6 (3): back cover.
- Harvey, P. 2001a. The Thick-billed Warbler on Shetland. *Birding World* 14: 372-373.
- Harvey, P.V. & Shaw, K.D. 2001. Thick-billed Warbler on Out Skerries – the third British record. *Birding Scotland* 4: 154-158.
- Shaw, D. 2003d. The Thick-billed Warbler on Fair Isle. *Birding World* 16: 206-208.
- Simpson, J.H., Marshall, B., Tulloch, R.J. & Lyster, I.H.J. 1973. Thick-billed Warbler in Shetland. *Scottish Birds* 7: 262-263.
- Williamson, K., Thom, V.M., Ferguson-Lees, I.J. & Axell, H.E. 1956. Thick-billed Warbler at Fair Isle: a new British bird. *British Birds* 49: 89-93.

380 Eastern Olivaceous Warbler (11)

- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
- Baxter, P.A.A. 2001a. Racial identification of the Olivaceous Warbler at Collieston. *Birding Scotland* 4: 13-14.
- British Ornithologists' Union (BOU). 2005. British Ornithologists' Union Records Committee: 31st Report (October 2004). *Ibis* 147: 246-250.
- Crockett, P. 2001b. The eastern race Olivaceous Warbler at Collieston, Aberdeenshire: 13th-21st September 2000. *North-East Scotland Bird Report* 2000: 119-121.
- Crockett, P.S. 2001a. Olivaceous Warbler at Collieston, North-East Scotland, September 2000. *Birding Scotland* 4: 11-12.
- Ellis, P.M. 2003a. Eastern Olivaceous Warbler at Sandwick and Hoswick: first for SBC area, second Shetland record. *Shetland Bird Report* 2002: 106.
- Knox, A.G., Collinson, M., Helbig, A.J., Parkin, D.T. & Sangster, G. 2002. Taxonomic recommendations for British birds. *Ibis* 144: 707-710.
- Morrison, W.M. & Ramsay, A.D.K. 1978. Olivaceous Warbler on the Isle of May. *Scottish Birds* 10: 24-25.
- Palmer, P. 2000. *First for Britain and Ireland, 1600-1999*. Arlequin Press, Chelmsford.
- Riddington, R. 1995a. The Olivaceous Warbler on Fair Isle. *Birding World* 8: 218-220.
- Svensson, L. 2001. Identification of Western and Eastern Olivaceous, Booted and Sykes's Warbler. *Birding World* 14: 192-219.

381 Booted Warbler (11)

- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
- Chapman, M.S. 1979. Identification of Booted Warbler. *British Birds* 72: 437-438.
- Davies, C. 2001. The European Bird Report. Passerines. *British Birds* 94: 419-430.
- Davis, P. 1960a. Booted Warbler at Fair Isle: the problem of identification. *British Birds* 53: 123-125.
- Harvey, P.V. & Bradshaw, C. 1999. From the Rarities Committee files - Booted Warblers with long supercilia: the 1976 Fair Isle bird. *British Birds* 92: 477-479.
- Knox, A.G., Collinson, M., Helbig, A.J., Parkin, D.T. & Sangster, G. 2002. Taxonomic recommendations for British birds. *Ibis* 144: 707-710.
- Shaw, K.D. 1994d. Booted Warbler, Newtonhill October-November 1993 - the first record for North-East Scotland. *North-East Scotland Bird Report* 1993: 90.
- Stout, G. & Waterston, G. 1936. The Booted Warbler on Fair Isle: a new British Bird. *British Birds* 30: 226-227.
- Svensson, L. 2001. Identification of Western and Eastern Olivaceous, Booted and Sykes's Warbler. *Birding World* 14: 192-219.
- Waterston, G. 1937b. Bird notes from Fair Isle, 1936. *Scottish Naturalist* 1937: 73-76.
- Witherby, H.F. 1937. Additions and alterations to the British List. *British Birds* 31: 7-13.

382 Sykes's Warbler (9)

- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
- Chapman, M.S. 1979. Identification of Booted Warbler. *British Birds* 72: 437-438.
- Davis, P. 1960a. Booted Warbler at Fair Isle: the problem of identification. *British Birds* 53: 123-125.
- Knox, A.G., Collinson, M., Helbig, A.J., Parkin, D.T. & Sangster, G. 2002. Taxonomic recommendations for British birds. *Ibis* 144: 707-710.
- Lees, J., Brown, P. & Gray, M. 2002. The Sykes's Warbler on Orkney. *Birding World* 15: 375-377.
- Osborn, K. 1993. The Shetland *Hippolais* warbler. *Birding World* 6: 437-438.
- Rogers, M.J. & the Rarities Committee. 2003. Report on rare birds in Great Britain in 2002. *British Birds* 96: 542-609.
- Svensson, L. 2001. Identification of Western and Eastern Olivaceous, Booted and Sykes's Warbler. *Birding World* 14: 192-219.
- Thomason, B., Maher, M. & Pennington, M. 2003. The Sykes's Warbler in Shetland. *Birding World* 16: 466-469.

383 Icterine Warbler (18)

- Bain, J. 1914. Icterine Warbler in Orkney. *Scottish Naturalist* 1914: 237.
- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
- Baxter, E.V. & Rintoul, L.J. 1921. Report on Scottish ornithology in 1920, including migration. *Scottish Naturalist* 1921: 105-120, 135-158.
- Brown, A. & Grice, P. 2005. *Birds in England*. T. & A.D. Poyser, London.
- Brown, L.A. 1960. Icterine Warbler in Shetland. *Scottish Birds* 1: 191-192.
- Clarke, W.E. 1909b. The birds of Fair Isle. - IV. Report on observations made during the year 1908. *Annals of Scottish Natural History* 1909: 69-75.
- Clarke, W.E. 1912a. *Studies in Bird Migration*. Two volumes. Gurney & Jackson, London.
- Gilroy, J.J. & Lees, A.C. 2003. Vagrancy theories: are autumn vagrants really reverse migrants? *British Birds* 96: 427-438.

- Holloway, J. 2006. *Stronsay's 'Garden' Birds*. Privately published, Stronsay.
- Jackson, E.E. 1966. Birds of Foula. *Scottish Birds* 4: 1-60.
- Kay, G.T. 1945. Icterine Warbler in Shetland. *British Birds* 38: 355.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- Ogilvie, M. & the Rare Breeding Birds Panel. 1995. Rare breeding birds in the United Kingdom in 1992. *British Birds* 88: 67-93.
- Ogilvie, M. & the Rare Breeding Birds Panel. 2000. Rare breeding birds in the United Kingdom in 1998. *British Birds* 93: 358-393.
- Phillips, I.M. 1998a. Icterine Warblers on the east coast in autumn 1997. *Birding Scotland* 1: 20-21.
- Russell, G.W. 1911. Icterine Warbler in Shetland. *Annals of Scottish Natural History* 1911: 183.
- Sharrock, J.T.R. 1974. *Scarce Migrant Birds in Britain and Ireland*. T. & A.D. Poyser, Berkhamsted.
- Waterston, G. 1937a. Bird notes from Shetland. *Scottish Naturalist* 1937: 25-31.

384 Melodious Warbler (3)

- Baxter, E.V. & Rintoul, L.J. 1913. Two new Scottish birds. *Scottish Naturalist* 1913: 273-274.
- Orr, B. & Scott, C. 1998. Melodious Warbler, Isle of May, Fife, 21st May 1998. *Birding Scotland* 1: 127-129.
- Williamson, K. 1956a. Melodious Warbler and Lesser Grey Shrikes at Fair Isle. *British Birds* 49: 94-96.

385 Blackcap (21)

- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
- Bearhop, S., Fiedler, W., Furness, R.W., Votier, S.C., Waldron, S., Newton, J., Bowen, G.J., Berthold, P. & Farnsworth, K. 2005. Assortative mating as a mechanism for rapid evolution of a migratory divide. *Science* 310: 502-504.
- Berthold, P. 2001. *Bird Migration: a general survey*. 2nd Edition. Oxford University Press, Oxford.
- Berthold, P. & Terrill, S.B. 1988. Migratory behaviour and population growth of Blackcaps wintering in Britain and Ireland: some hypotheses. *Ringing & Migration* 9: 153-159.
- da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
- Davidson, R.G. 1900. Blackcap in Perthshire in December. *Annals of Scottish Natural History* 1900: 121.
- Dennis, R. 1995a. *The Birds of Badenoch and Strathspey*. 2nd Edition. Colin Baxter Photography, Grantown-on-Spey.
- Garcia, E.F.J. 1983. An experimental test of competition for space between blackcaps *Sylvia atricapilla* and garden warblers *Sylvia borin* in the breeding season. *Journal of Animal Ecology* 52: 795-805.
- Langslow, D.R. 1976. Weights of Blackcaps on migration. *Ringing & Migration* 1: 78-91.
- Langslow, D.R. 1978. Recent increases of Blackcaps at bird observatories. *British Birds* 71: 345-354.
- Langslow, D.R. 1979. Movements of Blackcaps ringed in Britain and Ireland. *Bird Study* 26: 239-252.
- Leach, I.H. 1981. Wintering Blackcaps in Britain and Ireland. *Bird Study* 28: 5-14.
- MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- Mason, C.F. 1976. Breeding biology of the *Sylvia* warblers. *Bird Study* 23: 213-232.
- McMillan, R.L. 2005. *Skye Birds: an illustrated guide to the birds of Skye*. Skye-birds.com, Elgol.
- Phillips, N.J. 1994. Autumn migration and weights of Blackcaps *Sylvia atricapilla* and Garden Warblers *Sylvia borin* at an inland site in southern England. *Ringing & Migration* 15: 17-26.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Smith, A.J.M. 1958b. Blackcap nesting in Morayshire. *Scottish Birds* 1: 40.
- Stafford, J. 1956. The wintering of Blackcaps in the British Isles. *Bird Study* 3: 251-257.
- Stewart, W. 1928b. Studies of some Lanarkshire birds: the Yellow Wagtail and the Blackcap. *Scottish Naturalist* 1928: 183-187.

386 Garden Warbler (14)

- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
- Berthold, P., Gwinner, E. & Klein, H. 1970. Vergleichende Untersuchung der Jugendentwicklung eines ausgeprägten Zugvogels, *S. borin*, und eines weniger ausgeprägten, Zugvogels, *S. atricapilla*. *Die Vogelwarte* 25: 29-331.
- Cook, M. 1992. *The Birds of Moray and Nairn*. The Mercat Press, Edinburgh.
- da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
- Dennis, R. 1995a. *The Birds of Badenoch and Strathspey*. 2nd Edition. Colin Baxter Photography, Grantown-on-Spey.
- Garcia, E.F.J. 1983. An experimental test of competition for space between blackcaps *Sylvia atricapilla* and garden warblers *Sylvia borin* in the breeding season. *Journal of Animal Ecology* 52: 795-805.
- Kirke, D.J.B. 1919. Nesting of the Pied Flycatcher and Garden Warbler in Ross-shire. *Scottish Naturalist* 1919: 194.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- Mason, C.F. 1976. Breeding biology of the *Sylvia* warblers. *Bird Study* 23: 213-232.
- McMillan, R.L. 2005. *Skye Birds: an illustrated guide to the birds of Skye*. Skye-birds.com, Elgol.

- Meyer-Gross, H. 1966. Garden Warblers in west Stirlingshire. *Scottish Birds* 4: 264.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
- Williamson, K. 1974a. Breeding birds in the deciduous woodlands of Mid-Argyll, Scotland. *Bird Study* 21: 29-44.

387 Barred Warbler (20)

- Anon. 1961a. Barred Warbler in Lewis. *Scottish Birds* 1: 380.
- Bain, J. 1931. Birds on the Bass Rock. *Scottish Naturalist* 1931: 140.
- Bain, J. 1932. Birds on the Bass Rock. *Scottish Naturalist* 1932: 58.
- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
- Baxter, E.V. & Rintoul, L.J. 1921. Report on Scottish ornithology in 1920, including migration. *Scottish Naturalist* 1921: 105-120, 135-158.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Bruce, S. 1915. Barred Warbler in Shetland in June. *Scottish Naturalist* 1915: 143.
- Clarke, W.E. 1909b. The birds of Fair Isle. - IV. Report on observations made during the year 1908. *Annals of Scottish Natural History* 1909: 69-75.
- Clarke, W.E. 1912a. *Studies in Bird Migration*. Two volumes. Gurney & Jackson, London.
- Furness, R.W. 1983. *The Birds of Foula*. Brathay Trust, Ambleside.
- Gilroy, J.J. & Lees, A.C. 2003. Vagrancy theories: are autumn vagrants really reverse migrants? *British Birds* 96: 427-438.
- Harrison, J.G. 1955. Barred Warbler in Orkney in spring. *British Birds* 48: 550.
- Harvie-Brown, J.A. & Clarke, W.E. 1897. Barred Warbler at Dhu Heartach Rock, Argyleshire. *Annals of Scottish Natural History* 1897: 42.
- Harvie-Brown, J.A. & Macpherson, H.A. 1904. *A Fauna of the North-west Highlands and Skye*. David Douglas, Edinburgh.
- Hoy, J. 1958a. Barred Warbler in Fife. *Scottish Birds* 1: 19.
- Kay, T. 1913. Barred Warblers and other birds in Shetland. *Scottish Naturalist* 1913: 67.
- Macpherson, H.A. 1886. The birds of Skye, with special reference to the Parish of Duirinish, Part 1. *Proceedings of the Royal Society of Edinburgh* 9: 118-143.
- Sharrock, J.T.R. 1974. *Scarce Migrant Birds in Britain and Ireland*. T. & A.D. Poyser, Berkhamsted.
- Shirihai, H., Gargallo, G., Helbig, A.J., Harris, A. & Cottridge, D. 2001. *Sylvia Warblers: identification, taxonomy and phylogeny of the genus Sylvia*. Christopher Helm, London.
- Spencer, R. & Hudson, R. 1980. Report on bird-ringing for 1979. *Ringing & Migration* 3: 65-108.

388 Lesser Whitethroat (34)

- Baillie, S.R., Crick, H.Q.P., Balmer, D.E., Beaven, L.P., Downie, I.S., Freeman, S.N., Leech, D.I., Marchant, J.H., Noble, D.G., Raven, M.J., Simpkin, A.P., Thewlis, R.M. & Wernham, C.V. 2002. *Breeding Birds in the Wider Countryside: their conservation status 2001*. BTO Research Report 278. BTO, Thetford.
- Baker, K. 1988. Identification of Siberian and other forms of Lesser Whitethroat. *British Birds* 81: 382-390.
- Baxter, P. & Broadbent, I. 2004. The apparent Desert Lesser Whitethroat in Aberdeen. *Birding World* 17: 502-504.
- Baxter, P.A.A. & Broadbent, I.D. 2005. The Central Asian Lesser Whitethroat in Aberdeen. *Birding Scotland* 8: 87-92.
- Boddy, M. 1994. Survival/return rates and juvenile dispersal in an increasing population of Lesser Whitethroats *Sylvia curruca*. *Ringing & Migration* 15: 65-78.
- Borrow, N. & Demey, R. 2001. *Birds of Western Africa*. Christopher Helm, London.
- Byars, T. 2006. Secondary nest usage by a pair of Lesser Whitethroats. *Scottish Birds* 26: 39-40.
- Byars, T. & Curtis, D.J. 1998. Feeding studies of the Lesser Whitethroat in Strathclyde. *Scottish Birds* 19: 223-230.
- Byars, T., Curtis, D.J. & McDonald, I. 1991. The breeding distribution and habitat requirements of the Lesser Whitethroat in Strathclyde. *Scottish Birds* 16: 66-76.
- Clarke, W.E. & Stenhouse, J.H. 1921. The Eastern Lesser Whitethroat, an addition to the British avifauna; and the Yellow-legged Herring Gull, a new record for Scotland, at Fair Isle. *Scottish Naturalist* 1921: 179-180.
- Clarke, W.E. & Stenhouse, J.H. 1924. Coues' Redpoll and Eastern Lesser Whitethroat at Fair Isle. *Scottish Naturalist* 1924: 4.
- Cobb, J. 2002. Three new warblers for mainland Fife. *Birding Scotland* 5: 5-9.
- Cobb, J. 2005a. Two Lesser Whitethroats showing characteristics of the subspecies *minula* at Fife Ness, October 2004. *Birding Scotland* 8: 83-86.
- da Prato, S.R.D. 1980. How many Lesser Whitethroats breed in the Lothians? *Scottish Birds* 11: 108-112.
- da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
- Dewar, T.F. 1907. Lesser Whitethroat (*Sylvia curruca*) nesting in "Tay". *Annals of Scottish Natural History* 1907: 185.
- Dewar, T.L. 1908. Nesting of the Lesser Whitethroat in Tay: a correction. *Annals of Scottish Natural History* 1908: 254.
- Eggeling, W.J. 1974. The birds of the Isle of May - a revised assessment of status. *Scottish Birds* 8 (supplement): 93-

- Fowler, M.T. 1901. Lesser Whitethroat nesting in West Ross-shire. *Annals of Scottish Natural History* 1901: 234.
- Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.
- Grimmett, R., Inskipp, C. & Inskipp, T. 1998. *Birds of the Indian Subcontinent*. Christopher Helm, London.
- Hollom, P.A.D., Porter, R.F., Christensen, S. & Willis, I. 1988. *Birds of the Middle East and North Africa*. T. & A.D. Poyser, Calton.
- Holt, C. & Turner, S. 1999. The Desert Lesser Whitethroat on Fair Isle. *Birding World* 12: 281-283.
- Izzard, J., Medhurst, H.P. & Gunn, P.W.G. 1958. Lesser Whitethroats in Skye and Wester Ross. *Scottish Birds* 1: 41.
- Klit, I. 1999. The function of song forms in the Lesser Whitethroat *Sylvia curruca*. *Bioacoustics* 10: 31-45.
- Lynch, B. 2000. Observations on a Lesser Whitethroat in a Dundee suburb in winter. *Scottish Birds* 21: 55.
- MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
- Marchant, J.H., Hudson, R., Carter, S.P. & Whittington, P. 1990. *Population Trends in British Breeding Birds*. BTO/JNCC, Tring.
- Mearns, R. & Bruce, K. 1999. *Dumfries & Galloway Local Biodiversity Action Plan*. Dumfries & Galloway Council.
- Norman, S.C. 1992. Dispersal and site fidelity in Lesser Whitethroats *Sylvia curruca*. *Ringing & Migration* 13: 167-174.
- Paterson, J. 1899a. Notes on the Lesser Whitethroat (*Sylvia curruca*, Linn.) as a Clyde species. *Annals of Scottish Natural History* 1899: 210-214.
- Porter, R.F., Christensen, S. & Schiermacker-Hansen, P. 1996. *Field Guide to the Birds of the Middle East*. T. & A.D. Poyser, London.
- Riddiford, N. & Findley, P. 1981. *Seasonal Movements of Summer Migrants*. BTO, Tring.
- Shirihai, H., Gargallo, G., Helbig, A.J., Harris, A. & Cottridge, D. 2001. *Sylvia Warblers: identification, taxonomy and phylogeny of the genus Sylvia*. Christopher Helm, London.

389 Orphean Warbler (4)

- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
- Duncan, R. 2000. Blast from the past: Orphean Warbler in Aberdeen, October 1982. *Birding Scotland* 3: 5.
- Ellis, P. 1983. The phenomenal migrant fall of October 1982. *Scottish Birds* 12: 246-251.
- Shirihai, H., Gargallo, G., Helbig, A.J., Harris, A. & Cottridge, D. 2001. *Sylvia Warblers: identification, taxonomy and phylogeny of the genus Sylvia*. Christopher Helm, London.

390 Common Whitethroat (13)

- Boddy, M. 1992. Timing of Whitethroat *Sylvia communis* arrival, breeding and moult at a coastal site in Lincolnshire. *Ringing & Migration* 13: 65-72.
- Cobb, J. 2003. Common Whitethroats showing the characteristics of the south-eastern race *icterops* at Fife Ness Muir, Fife. *Birding Scotland* 6: 34-38.
- da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
- da Prato, S.R.D. 1989. The breeding birds of some built-up areas in south-east Scotland. *Scottish Birds* 15: 170-177.
- da Prato, S.R.D. & da Prato, E.S. 1983. Movements of Whitethroats *Sylvia communis* ringed in the British Isles. *Ringing & Migration* 4: 193-210.
- Macdonald, D. 1979. Notes on the Whitethroat in Sutherland. *Scottish Birds* 10: 296-305.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- Marchant, J.H., Hudson, R., Carter, S.P. & Whittington, P. 1990. *Population Trends in British Breeding Birds*. BTO/JNCC, Tring.
- Mason, C.F. 1976. Breeding biology of the *Sylvia* warblers. *Bird Study* 23: 213-232.
- Parslow, J.L.F. 1973. *Breeding Birds in Britain and Ireland: a historical survey*. T. & A.D. Poyser, Berkhamsted.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
- Winstanley, D., Spencer, R. & Williamson, K. 1974. Where have all the Whitethroats gone? *Bird Study* 21: 1-14.

391 Dartford Warbler (5)

- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
- Ellegren, H. & Pettersson, J. 1983. Provencesångare *Sylvia undata* för första gången anträffad i Sverige [First record of Dartford Warbler *Sylvia undata* in Sweden. In Swedish with English summary.]. *Vår Fågelvärld* 42: 429-430.
- Maggs, H.E. 2000. Dartford Warbler on Fair Isle – the second record for Scotland. *Birding Scotland* 3: 129-130.
- Murray, R.D. 1984. Dartford Warbler in Berwickshire. *Scottish Birds* 13: 52-53.
- Shirihai, H., Gargallo, G., Helbig, A.J., Harris, A. & Cottridge, D. 2001. *Sylvia Warblers: identification, taxonomy and phylogeny of the genus Sylvia*. Christopher Helm, London.

392 Marmora's Warbler (2)

Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
Murray, A. 1993. The Marmora's Warbler in Borders. *Birding World* 6: 182.

393 Ruppell's Warbler (2)

Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
Martins, R.P. 1981. Rüppell's Warbler: new to Britain and Ireland. *British Birds* 74: 279-283.

394 Subalpine Warbler (10)

Baxter, E.V. & Rintoul, L.J. 1924c. A third record for Britain of the Subalpine Warbler. *Scottish Naturalist* 1924: 126.
Clarke, W.E. 1909b. The birds of Fair Isle. - IV. Report on observations made during the year 1908. *Annals of Scottish Natural History* 1909: 69-75.
Cottridge, D. & Vinicombe, K.E. 1996. *Rare Birds in Britain and Ireland: a photographic record*.
HarperCollins/Birding World, London.
Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
Elliott, J.S. 1895. Observations on the fauna of St Kilda. *Zoologist* 53: 281-286.
Sharpe, R.B. 1894. *Sylvia alpina* in St Kilda. *Bulletin of the British Ornithologists' Club* 4: 9.
Shirihai, H., Gargallo, G., Helbig, A.J., Harris, A. & Cottridge, D. 2001. *Sylvia Warblers: identification, taxonomy and phylogeny of the genus Sylvia*. Christopher Helm, London.
Whistler, H. 1935. Exhibition of, and remarks on, a female Subalpine Warbler killed at the Tarbatness Lighthouse, Ross-shire. *Bulletin of the British Ornithologists' Club* 56: 5.
Williamson, K. 1952d. Subalpine Warbler at Fair Isle. *British Birds* 45: 260-261.
Williamson, K. 1964a. *Identification for Ringers. 3 The Genus Sylvia*. BTO, Tring.

395 Sardinian Warbler (8)

Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
Dennis, R.H. 1967b. Sardinian Warbler on Fair Isle. *British Birds* 60: 483-485.
Evans, L.G.R. 1994. *Rare Birds in Britain 1800-1990*. LGRE Publications, Amersham.
Marshall, B., Irvine, J.L. & Dunn, J. 2005. Sardinian Warbler on Whalsay: 3rd for SBC area, 5th Shetland record.
Shetland Bird Report 2004: 109-110.
Mellor, M. 1999b. Sardinian Warbler at Sumburgh Head – second Shetland record. *Shetland Bird Report* 1998: 93.
Nicolson, J. 1993. Sardinian Warbler at Cunningsburgh. *Shetland Bird Report* 1992: 112-113.
Rogers, M.J. & the Rarities Committee. 2005. Report on rare birds in Great Britain in 2004. *British Birds* 98: 628-694.
Shirihai, H., Gargallo, G., Helbig, A.J., Harris, A. & Cottridge, D. 2001. *Sylvia Warblers: identification, taxonomy and phylogeny of the genus Sylvia*. Christopher Helm, London.

396 Greenish Warbler (15)

Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
Bruce, S. 1946. Greenish Warbler in Shetland. *British Birds* 39: 153-154.
Collinson, M., Knox, A.G., Parkin, D.T. & Sangster, G. 2003. Specific status of taxa within the Greenish Warbler complex. *British Birds* 96: 327-331.
Cottridge, D. & Vinicombe, K.E. 1996. *Rare Birds in Britain and Ireland: a photographic record*.
HarperCollins/Birding World, London.
Dean, A.R. 1985. Review of British status and identification of Greenish Warbler. *British Birds* 78: 437-451.
Evans, L.G.R. 1994. *Rare Birds in Britain 1800-1990*. LGRE Publications, Amersham.
Gantlett, S. 2004. 2003: the Western Palearctic year. *Birding World* 17: 19-43.
Gilroy, J.J. & Lees, A.C. 2003. Vagrancy theories: are autumn vagrants really reverse migrants? *British Birds* 96: 427-438.
Gordon, G.K. 2001a. Arctic versus Greenish Warbler: identification and assessment. *Birding Scotland* 4: 123-125.
Knox, A.G., Collinson, M., Helbig, A.J., Parkin, D.T. & Sangster, G. 2002. Taxonomic recommendations for British birds. *Ibis* 144: 707-710.
Lauder, A.W. & Shaw, K.D. 2005. The status of Greenish Warbler in mainland Fife. *Fife Bird Report* 2004: 115.
Phillips, I.M. 1997. *Rare and Scarce Birds in North East Scotland*. I.M. Phillips, Cove.
Scott, H.I. & Baxter, P.A.A. 2001. Looking forward and looking back: Greenish and Arctic Warblers in Scotland.
Birding Scotland 4: 121-122.
van den Berg, A.B. & Bosman, C.A.W. 2001. *Rare Birds of the Netherlands*. Pica Press, Robertsbridge.
Waterston, G. 1945b. A new record for the Shetland Islands. *Bulletin of the British Ornithologists' Club* 66: 18.

397 Arctic Warbler (11)

- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
- Clarke, W.E. 1902b. Occurrence of *Phylloscopus viridanus* at the Suleskerry lighthouse. *Bulletin of the British Ornithologists' Club* 13: 12.
- Clarke, W.E. 1903. On the occurrence of *Phylloscopus viridanus*, Blyth, and other interesting birds at Scottish light-stations. *Annals of Scottish Natural History* 1903: 22-26.
- Clarke, W.E. 1909a. On the occurrence of Eversmann's Warbler (*Phylloscopus borealis* (Blasius)) at Fair Isle: an addition to the British fauna. *Annals of Scottish Natural History* 1909: 1-2.
- Clarke, W.E. 1909d. The occurrence of *Phylloscopus borealis*, not *P. viridanus*, at Sule Skerry: a correction. *Annals of Scottish Natural History* 1909: 114-115.
- Gordon, G.K. 2001a. Arctic versus Greenish Warbler: identification and assessment. *Birding Scotland* 4: 123-125.
- Knox, A.G., Collinson, M., Helbig, A.J., Parkin, D.T. & Sangster, G. 2002. Taxonomic recommendations for British birds. *Ibis* 144: 707-710.
- Scott, H.I. & Baxter, P.A.A. 2001. Looking forward and looking back: Greenish and Arctic Warblers in Scotland. *Birding Scotland* 4: 121-122.
- Smith, A.J.M. 1958d. Arctic Warbler in Aberdeenshire. *Scottish Birds* 1: 42-43.
- Walker, F.J. & Tulloch, R.J. 1968. Arctic Warblers in Shetland. *Scottish Birds* 5: 222-223.
- Witherby, H.F. & Ticehurst, N.F. 1909. On the more important additions to our knowledge of British birds since 1899. Part XX. Corrigenda et Addenda. *British Birds* 2: 406-421.

398 Pallas's Leaf Warbler (12)

- Baker, K. 1977. Westward vagrancy of Siberian passerines in autumn 1975. *Bird Study* 24: 233-242.
- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
- Dennis, R.H. 1967c. Pallas's Warbler at Fair Isle – a new Scottish bird. *Scottish Birds* 4: 454.
- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Elkins, N. 1969. Pallas's Warbler in Aberdeenshire. *Scottish Birds* 5: 395-396.
- Ellis, P. 1983. The phenomenal migrant fall of October 1982. *Scottish Birds* 12: 246-251.
- Gilroy, J.J. & Lees, A.C. 2003. Vagrancy theories: are autumn vagrants really reverse migrants? *British Birds* 96: 427-438.
- Howey, D.H. & Bell, M. 1985. Pallas's Warblers and other migrants in Britain and Ireland in October 1982. *British Birds* 78: 381-392.
- Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.
- Rabøl, J. 1969. Reversed migration as the cause of westward vagrancy by four *Phylloscopus* warblers. *British Birds* 62: 89-92.
- Reeves, S.A. 1995. Pallas's Warblers in North-East Scotland in 1994. *North-East Scotland Bird Report* 1994: 93-96.
- Wheeler, D.A. 1985. Siberian passerine vagrancy in October 1982. *British Birds* 78: 457-458.

399 Yellow-browed Warbler (19)

- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
- Baxter, E.V. & Rintoul, L.J. 1916. Report on Scottish ornithology in 1915, including migration. *Scottish Naturalist* 1916: 145-218.
- British Ornithologists' Union (BOU). 1971. *The Status of Birds in Britain and Ireland*. Blackwell Scientific Publications, Oxford.
- Brown, A. & Grice, P. 2005. *Birds in England*. T. & A.D. Poyser, London.
- Clarke, W.E. 1906b. The birds of Fair Isle, native and migratory. *Annals of Scottish Natural History* 1906: 4-21, 69-80.
- Cunningham, W.A.J. 1960. Yellow-browed Warbler in Lewis. *Scottish Birds* 1: 239.
- Evans, A.H. & Buckley, T.E. 1899. *A Vertebrate Fauna of the Shetland Islands*. David Douglas, Edinburgh.
- Fraser, P.A. & Rogers, M.J. 2002. Report on scarce migrant birds in Britain in 2000. *British Birds* 95: 606-630.
- Gilroy, J.J. & Lees, A.C. 2003. Vagrancy theories: are autumn vagrants really reverse migrants? *British Birds* 96: 427-438.
- Harvie-Brown, J.A. 1886b. The Yellow-browed Warbler in Shetland. *Zoologist* 44: 487.
- Jackson, A.C. 1910. Occurrence of Yellow-browed Warblers in Easter Ross-shire. *Annals of Scottish Natural History* 1910: 55.
- Lee, S.L.B. 1962. Yellow-browed Warbler and Tawny Pipit in Lewis. *Scottish Birds* 2: 250-251.
- Rabøl, J. 1969. Reversed migration as the cause of westward vagrancy by four *Phylloscopus* warblers. *British Birds* 62: 89-92.
- Richmond, W.K. 1961b. Yellow-browed Warbler in Stirlingshire. *Scottish Birds* 1: 380.
- Russell, G.W. 1916. Bee-eater and Yellow-browed Warbler in Shetland. *Scottish Naturalist* 1916: 24.

- Sharrock, J.T.R. 1974. *Scarce Migrant Birds in Britain and Ireland*. T. & A.D. Poyser, Berkhamsted.
- Stewart, W. 1930. The Yellow-browed Warbler in Clyde. *Scottish Naturalist* 1930: 189-190.
- Stout, G. 1909. Yellow-browed Warbler in Dumfriesshire in spring. *Annals of Scottish Natural History* 1909: 182-183.
- Tomison, J. 1907. Yellow-browed Warbler at Skerryvore Lighthouse. *Annals of Scottish Natural History* 1907: 51.

400 Hume's Leaf Warbler (5)

- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
- Duffield, S. 2004. Hume's Warbler on Bressay: first for SBC area, second for Shetland. *Shetland Bird Report* 2003: 112.
- Reeves, S.A. 1995. Pallas's Warblers in North-East Scotland in 1994. *North-East Scotland Bird Report* 1994: 93-96.
- Shaw, D. 2003c. Hume's Warbler; the first for Shetland. *Fair Isle Bird Observatory Report* 2003: 109-111.
- Smout, C. 2005. Hume's Leaf Warbler, (*Phylloscopus humei*), Denburn Wood, Crail, 11th November 2003 – second record for mainland Fife. *Fife Bird Report* 2004: 144-145.

401 Radde's Warbler (5)

- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
- Gilroy, J.J. & Lees, A.C. 2003. Vagrancy theories: are autumn vagrants really reverse migrants? *British Birds* 96: 427-438.
- Rabøl, J. 1969. Reversed migration as the cause of westward vagrancy by four *Phylloscopus* warblers. *British Birds* 62: 89-92.
- Stewart, I.F. 1969. Radde's Warbler on Isle of May. *Scottish Birds* 5: 397.
- Williamson, K. 1963. Radde's Warbler at the Isle of May. *Scottish Birds* 2: 367-368.

402 Dusky Warbler (9)

- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
- Bates, D.J. 1992. Dusky Warbler at Scoughall. *Lothian Bird Report* 1991: 108-109.
- Broad, R.A. 1978b. Dusky Warbler at Fair Isle. *Scottish Birds* 10: 56-57.
- Clarke, W.E. 1913d. On the occurrence of *Phylloscopus fuscatus* (Blyth) in the Orkney Islands: a new British bird. *Scottish Naturalist* 1913: 271-273.
- Clarke, W.E. 1914a. On some rare and interesting migratory birds observed at the Orcadian island of Auskerry in the autumn of 1913. *Scottish Naturalist* 1914: 5-8.
- Davis, P. 1962a. Dusky Warbler on Fair Isle. *British Birds* 55: 190-192.
- Rogers, M.J. & the Rarities Committee. 1995. Report on rare birds in Great Britain in 1994. *British Birds* 88: 493-558.
- Rogers, M.J. & the Rarities Committee. 1996. Report on rare birds in Great Britain in 1995. *British Birds* 89: 481-531.
- Witherby, H.F. 1914. The Dusky Warbler in Orkney: a new British bird. *British Birds* 7: 220-223.

403 Western Bonelli's Warbler (5)

- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
- British Ornithologists' Union (BOU). 1997. British Ornithologists' Union Records Committee: 23rd Report (July 1996). *Ibis* 139: 197-201.
- Davis, P. 1962c. Bonelli's Warbler on Fair Isle. *British Birds* 55: 278.
- Page, D. 1999. Identification of Bonelli's Warblers. *British Birds* 92: 524-531.
- Rogers, M.J. 1998a. Records of Western Bonelli's Warbler in Britain, 1948-96. *British Birds* 91: 122-123.

404 Eastern Bonelli's Warbler (4)

- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
- Harvey, P.V. 1998. The Eastern Bonelli's Warbler on Shetland – the first confirmed record for Scotland. *Birding Scotland* 1: 154-159.
- Harvey, P.V. 1999. Eastern Bonelli's Warbler at Sumburgh – first Shetland record. *Shetland Bird Report* 1998: 94.
- Page, D. 1999. Identification of Bonelli's Warblers. *British Birds* 92: 524-531.

405 Wood Warbler (10)

- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
- Bibby, C.J. 1989. A survey of breeding Wood Warblers *Phylloscopus sibilatrix* in Britain, 1984-85. *Bird Study* 36: 56-72.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Edington, J.M. & Edington, M.A. 1972. Spatial patterns and habitat partition in the breeding birds of an upland wood.

- Journal of Animal Ecology* 41: 331-357.
- Parslow, J.L.F. 1973. *Breeding Birds in Britain and Ireland: a historical survey*. T. & A.D. Poyser, Berkhamsted.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Stowe, T.J. 1987. *The habitat requirements of some insectivorous birds and the management of sessile oakwoods*. Unpublished PhD thesis, Council for National Academic Awards (CNAA).
- Whitaker, D.S. 1986. Aberrant nesting behaviour of a male Wood Warbler. *Scottish Birds* 14: 50.
- Williamson, K. 1974a. Breeding birds in the deciduous woodlands of Mid-Argyll, Scotland. *Bird Study* 21: 29-44.
- Wood, A. 1916. *Bird Life in Orkney*. Published lecture.

406 Common Chiffchaff (23)

- Anon. 1952a. Chiffchaffs in South-east Sutherland, North and South Perth and South Argyll. *Scottish Naturalist* 1952: 113-114.
- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
- British Ornithologists' Union (BOU). 1999. British Ornithologists' Union Records Committee: 25th Report (October 1998). *Ibis* 141: 175-180.
- British Ornithologists' Union (BOU). 2006b. The British List: a checklist of birds of Britain (7th edition). *Ibis* 148: 526-563. Compiled by S.P. Dudley, M. Gee, C. Kehoe, T.M. Melling and the BOURC.
- Brown, A.W. & Smith, R.W.J. 1982. Elusive Chiffchaffs. *Scottish Birds* 12: 87-88.
- Clarke, W.E. 1907a. On the occurrence of the Siberian Chiff-Chaff (*Phylloscopus tristis*) in Scotland: a new bird to the British fauna. *Annals of Scottish Natural History* 1907: 15-16.
- Clarke, W.E. 1908b. Siberian Chiff-Chaff and Wood Warbler in the Orkneys. *Annals of Scottish Natural History* 1908: 119.
- da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
- da Prato, S.R.D. 1989. The breeding birds of some built-up areas in south-east Scotland. *Scottish Birds* 15: 170-177.
- da Prato, S.R.D. & da Prato, E.S. 1986. Appearance and song of possible Chiffchaff x Willow Warbler hybrid. *British Birds* 79: 341-342.
- Dean, A.R. & Svensson, L. 2005. 'Siberian Chiffchaff' revisited. *British Birds* 98: 396-410.
- Elkins, N. 1976. Probable Siberian Chiffchaffs wintering in Morayshire. *Scottish Birds* 9: 164-166.
- Knox, A.G., Collinson, M., Helbig, A.J., Parkin, D.T. & Sangster, G. 2002. Taxonomic recommendations for British birds. *Ibis* 144: 707-710.
- Lack, P.C. 1989. Overall and regional trends in warbler populations of British farmland over 25 years. *Annales Zoologici Fennici* 26: 219-225.
- Mainwood, A.R. 2003. The moult of Chiffchaffs summering in Shetland. *Shetland Bird Report* 2002: 113-115.
- Meiklejohn, M.F.M. 1952. Habitat of Chiffchaff in Scotland. *Scottish Naturalist* 1952: 114-116.
- Norman, S.C. 1991. Post-juvenile moult in relation to dispersal and migration in the Chiffchaff *Phylloscopus collybita*. *Ringing & Migration* 12: 80-85.
- Price, M.P. 1961. Warbler fluctuations in oak woodland in the Severn Valley. *British Birds* 54: 100-106.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Russell, G.W. 1914. Siberian Chiffchaff in Shetland in winter. *Scottish Naturalist* 1914: 93-94.
- Sæther, B. 1983. Mechanics of interspecific spacing out in a territory system of Chiffchaff and Willow Warbler. *Ornis Scandinavica* 14: 154-160.
- Smyth, J.C. 1959. Chiffchaff in winter in Ayrshire. *Scottish Birds* 1: 73.
- Tulloch, J.S. 1911. Siberian Chiff Chaff and Holböll's Redpoll in Shetland. *Annals of Scottish Natural History* 1911: 115.

407 Willow Warbler (32)

- Bjornstad, G. & Lifjeld, J.T. 1997. High frequency of extra-pair paternity in a dense and synchronous population of willow warblers *Phylloscopus trochilus*. *Journal of Avian Biology* 28: 319-324.
- Brock, S.E. 1910. The Willow Wrens of a Lothian Wood. *Zoologist* 4: 401-417.
- Brock, S.E. 1911. Willow-wren's nest in an old Song-thrush's nest. *Annals of Scottish Natural History* 1911: 245.
- Brockie, K. 1983. High-rise Willow Warbler. *Scottish Birds* 12: 193.
- Clancey, P.A. 1950. On the racial status of Scottish breeding Willow-Warbler. *British Birds* 43: 188-189.
- Cobb, J.L.S. 2005c. The biology of a population of Willow Warblers in East Fife. *Scottish Birds* 25: 41-49.
- da Prato, S.R.D. 1981. Warblers in mixed passerine flocks in summer. *British Birds* 74: 513-515.
- da Prato, S.R.D. 1982. Polygamy by Willow Warblers. *British Birds* 75: 406-411.
- da Prato, S.R.D. 1984. Polygamy by Willow Warblers. *British Birds* 77: 622-623.
- da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
- da Prato, S.R.D. & da Prato, E.S. 1986. Appearance and song of possible Chiffchaff x Willow Warbler hybrid. *British Birds* 79: 341-342.

- Eddie, W.M.M., Sellar, P.J. & Slater, P.J.B. 1966. Abnormally plumaged Willow Warblers. *Scottish Birds* 4: 97-99.
- Eggeling, W.J. 1974. The birds of the Isle of May - a revised assessment of status. *Scottish Birds* 8 (supplement): 93-148.
- Gil, D. 1998. *Song selection and sexual selection in the willow warbler (Phylloscopus trochilus)*. Unpublished PhD thesis, University of St. Andrews.
- Gil, D., Cobb, J.L. & Slater, P.J.B. 2001. Song characteristics are age dependent in the willow warbler, *Phylloscopus trochilus*. *Animal Behaviour* 62: 689-694.
- Gil, D., Graves, J. & Slater, P.J.B. 1999. Seasonal patterns of singing in the willow warbler: evidence against the fertility announcement hypothesis. *Animal Behaviour* 58: 995-1000.
- Gordon, J.G. & Witherby, H.F. 1913. Northern Willow-Warbler in Wigtonshire. *British Birds* 7: 17.
- Gossip, P.W. 1995. Willow Warbler feeding Mistle Thrush nestlings. *Scottish Birds* 18: 120.
- Graves, J. & Slater, P.J.B. 1999. Seasonal patterns of singing in the willow warbler, *Phylloscopus trochilus*: evidence against the fertility announcement hypothesis. *Behaviour* 137: 759-782.
- Jenkins, D. & Watson, A. 2005. Bird numbers in an Aberdeenshire glen (1987-2004). *Scottish Birds* 25: 50-52.
- Keymer, R. 1980. The breeding birds of Red Moss nature reserve. *Edinburgh Ringing Group Report* 8: 10-17.
- Lawn, M.R. 1982. Pairing systems and site tenacity of the Willow Warbler, *Phylloscopus trochilus*, in southern England. *Ornis Scandinavica* 13: 193-199.
- Lawn, M.R. 1998. Arrival patterns of male Willow Warblers *Phylloscopus trochilus* in relation to age, territory density and pairing success. *Ringing & Migration* 19: 31-38.
- Moss, D. 1978b. Song-bird populations in forestry plantations. *Quarterly Journal of Forestry* 75: 5-14.
- Norman, S.C. & Norman, W. 1985. Autumn movements of Willow Warblers ringed in the British Isles. *Ringing & Migration* 6: 7-18.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Salomonsen, F. 1945. Notes on the variation and moult in the willow warbler (*Phylloscopus trochilus*). *Arkiv für Zoologi* 36: 1-13.
- Simms, E. 1985. *British Warblers*. Collins, London.
- Sturrock, C.B. 1901. On the nesting of the Redstart (*Ruticilla phoenicurus*) and the Willow Wren (*Phylloscopus trochilus*) in Shetland in the spring of 1901. *Annals of Scottish Natural History* 1901: 194-196.
- Ward, S. & Slater, P.J.B. 2005. Raised thermoregulatory costs at exposed song posts increase the energetic cost of singing for willow warblers. *Journal of Avian Biology* 36: 280-286.
- Williamson, K. 1962. *Identification for Ringers. 2 The Genus Phylloscopus*. BTO, Tring.
- Williamson, K. 1969. Bird communities in woodland habitats in Wester Ross, Scotland. *Quarterly Journal of Forestry* 63: 305-328.

408 Goldcrest (13)

- Baker, K. 1997. *Warblers of Europe, Asia and North Africa*. Christopher Helm, London.
- Bibby, C.J., Bain, C.G. & Burges, D.J. 1989. Bird communities of highland birchwoods. *Bird Study* 36: 123-133.
- Forestry Commission. 2001. *National Inventory of Woodland and Trees - Scotland*. Forestry Commission, Edinburgh.
- Haftorn, S. 1978. Energetics of incubation by the Goldcrest *Regulus regulus* in relation to ambient air temperatures and the geographical distribution of the species. *Ornis Scandinavica* 9: 22-30.
- Hartley, P.H.T. 1987. Ecological aspects of the foraging behaviour of Crested Tits *Parus cristatus*. *Bird Study* 34: 107-111.
- Moss, D. 1978a. Diversity of woodland song-bird populations. *Journal of Animal Ecology* 47: 521-527.
- Moss, D. 1978b. Song-bird populations in forestry plantations. *Quarterly Journal of Forestry* 75: 5-14.
- Moss, D., Taylor, P.N. & Easterbee, N. 1979a. The effects on song-bird populations of upland afforestation with spruce. *Forestry* 52: 129-150.
- Patterson, I.J., Ollason, J.G. & Doyle, P. 1995. Bird populations in upland spruce plantations in northern Britain. *Forest Ecology and Management* 79: 107-131.
- Pennant, T. 1789. Sketch of Caledonian Zoology. In: Lightfoot, J. (ed.) *Flora Scotica*. 2nd edition, pp 1-66. Faulder, London.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Wesolowski, T. & Tomialojc, L. 1997. Breeding bird dynamics in a primaeva forest long-term trends in Bialowieza National Park (Poland). *Ecography* 20: 432-453.
- Wesolowski, T., Tomialojc, L., Mitrus, C., Rowinski, P. & Czeszczewik, D. 2002. The breeding bird community of a primaeva temperate forest (Bialowieza National Park, Poland) at the end of the 20th century. *Acta Ornithologica* 37: 27-45.

409 Firecrest (12)

- Brown, A. & Grice, P. 2005. *Birds in England*. T. & A.D. Poyser, London.

- Coutts, D. & Porteous, W.G. 1966. Firecrest in Shetland. *Scottish Birds* 4: 99.
- Eggeling, W.J. 1960a. *The Isle of May: a Scottish nature reserve*. Oliver & Boyd, Edinburgh & London.
- Eggeling, W.J. 1960b. Firecrest in Scotland. *Scottish Birds* 1: 195.
- Grant, D.R. 1959. Firecrest on the Isle of May. *Scottish Birds* 1: 153.
- Knox, A.G., Collinson, M., Helbig, A.J., Parkin, D.T. & Sangster, G. 2002. Taxonomic recommendations for British birds. *Ibis* 144: 707-710.
- Macdonald, D., Wright, W.C. & Hallam, T. 1974. Firecrests in Sutherland and Fife. *Scottish Birds* 8: 81.
- Richter, R. 1971. Firecrests in Morayshire. *Scottish Birds* 6: 447.
- Sangster, G., Collinson, J.M., Helbig, A.J., Knox, A.G. & Parkin, D.T. 2005. Taxonomic recommendations for British birds: third report. *Ibis* 147: 821-826.
- Turnbull, W.P. 1863. *The Birds of East Lothian and a Portion of the Adjoining Counties from Memorandums made between 1845-1850*. Caxton Press of Sherman, Son & Co., Philadelphia.
- Turnbull, W.P. 1867. *The Birds of East Lothian and a Portion of the Adjoining Counties*. 2nd Edition. Privately published, Glasgow.
- Vittery, A. 1997b. The winter status of Firecrest *Regulus ignicapillus* in northern Scotland. *Scottish Bird Report* 1995: 72-74.

410 Spotted Flycatcher (14)

- Crick, H.Q.P., Baillie, S.R., Balmer, D.E., Bashford, R.I., Beaven, L.P., Dudley, C., Glue, D.E., Gregory, R.D., Marchant, J.H., Peach, W.J. & Wilson, A.M. 1998. *Breeding Birds in the Wider Countryside: their conservation status (1972-1996)*. BTO Research Report 198. BTO, Thetford.
- Crick, H.Q.P., Marchant, J.H., Noble, D.G., Baillie, S.R., Balmer, D.E., Beaven, L.P., Coombes, R.H., Downie, I.S., Freeman, S.N., Joys, A.C., Leech, D.I., Raven, M.J., Robinson, R.A. & Thewlis, R.M. 2004. *Breeding Birds in the Wider Countryside: their conservation status 2003*. BTO Research Report 353. BTO, Thetford.
- Davies, N.B. 1976. Parental care and the transition to independent feeding in the young Spotted Flycatcher *Muscicapa striata*. *Behaviour* 59: 280-295.
- Davies, N.B. 1977. Prey selection and the search strategy of the Spotted Flycatcher. *Journal Animal Behaviour* 25: 1016-1033.
- Eggeling, W.J. 1960a. *The Isle of May: a Scottish nature reserve*. Oliver & Boyd, Edinburgh & London.
- Erard, C. 1991. Aide au nourrissage chez le Gobe-mouche gris *Muscicapa striata*. *L'Oiseau* 61: 154-155.
- Freeman, S.N. & Crick, H.Q.P. 2003. The decline of the Spotted Flycatcher *Muscicapa striata* in the UK: an integrated population model. *Ibis* 145: 400-412.
- Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
- Harvie-Brown, J.A. & Buckley, T.E. 1895. *A Vertebrate Fauna of the Moray Basin*. Two volumes. David Douglas, Edinburgh.
- Marchant, J.H., Hudson, R., Carter, S.P. & Whittington, P. 1990. *Population Trends in British Breeding Birds*. BTO/JNCC, Tring.
- O'Connor, R.J. & Morgan, R.A. 1982. Some effects of weather conditions on the breeding of the Spotted Flycatcher *Muscicapa striata* in Britain. *Bird Study* 29: 41-48.
- Pennant, T. 1789. Sketch of Caledonian Zoology. In: Lightfoot, J. (ed.) *Flora Scotica*. 2nd edition, pp 1-66. Faulder, London.
- Salewski, V., Bairlein, F. & Leisler, B. 2000. Recurrence of some palearctic passerine migrant passerine species in West Africa. *Ringing & Migration* 20: 29-30.
- Summers-Smith, D. 1952. Breeding biology of the Spotted Flycatcher. *British Birds* 45: 153-167.

411 Red-breasted Flycatcher (12)

- Cottridge, D. & Vinicombe, K.E. 1996. *Rare Birds in Britain and Ireland: a photographic record*. HarperCollins/Birding World, London.
- Garden, E.A. & Willis, D.P. 1961. Red-breasted Flycatchers in Aberdeenshire. *Scottish Birds* 1: 494-495.
- Grimmett, R., Inskip, C. & Inskip, T. 1998. *Birds of the Indian Subcontinent*. Christopher Helm, London.
- Harvie-Brown, J.A. & Clarke, W.E. 1894a. On the occurrence of the Red-breasted Flycatcher (*Muscicapa parva*) in the Outer Hebrides. *Annals of Scottish Natural History* 1894: 2-3.
- MacKinnon, J. & Phillipps, K. 2000. *A Field Guide to the Birds of China*. Oxford University Press, Oxford.
- Phillips, J. 2000. Autumn vagrancy: 'reverse migration' and migratory orientation. *Ringing & Migration* 20: 35-38.
- Radford, M.C. 1968. The autumn migration records of the Red-breasted Flycatcher. *Bird Study* 15: 154-160.
- Robson, C. 2000. *A Field Guide to the Birds of South-East Asia*. New Holland, London.
- Sangster, G., Collinson, J.M., Helbig, A.J., Knox, A.G. & Parkin, D.T. 2004. Taxonomic recommendations for British birds: second report. *Ibis* 146: 153-157.
- Sharrock, J.T.R. 1974. *Scarce Migrant Birds in Britain and Ireland*. T. & A.D. Poyser, Berkhamsted.
- Smith, A.J.M. & Maxwell, R. 1960b. Red-breasted Flycatcher in Aberdeenshire. *Scottish Birds* 1: 192.
- Weir, R.S., Baxter, P.G. & Garden, E.A. 1960. Red-breasted Flycatchers in Fife and Aberdeenshire. *Scottish Birds* 1:

337-338.

412 Taiga Flycatcher (6)

- British Ornithologists' Union (BOU). 2006a. British Ornithologists' Union Records Committee: 32nd Report (October 2005). *Ibis* 148: 198-201.
- Cederroth, C., Johansson, C. & Svensson, L. 1999. Taiga Flycatcher in Sweden: the first record in western Europe. *Birding World* 12: 460-468.
- Chapman, M. 2003. The Taiga Flycatcher in Shetland. *Birding World* 16: 429-432.
- Chapman, M. 2005. Taiga Flycatcher in Shetland. *British Birds* 98: 547-550.
- Chapman, M.S. 2004. Scotland's first Taiga Flycatcher, Sandgarth, Shetland, October 2003. *Birding Scotland* 7: 39-44.
- Sangster, G., Collinson, J.M., Helbig, A.J., Knox, A.G. & Parkin, D.T. 2004. Taxonomic recommendations for British birds: second report. *Ibis* 146: 153-157.

413 Collared Flycatcher (8)

- Balfour, E. 1963b. Collared Flycatcher in Orkney. *Scottish Birds* 2: 478.
- Baxter, P.A.A. 1999b. Collared Flycatcher at Cove - the first for North-east Scotland. *Birding Scotland* 2: 138-139.
- Bruce, S. 1948b. The Collared Flycatcher in Shetland: the first Scottish record. *Scottish Naturalist* 1948: 51.
- Green, S. 1998. Collared Flycatcher at Ethie Mains, 31st May 1997: first record for Angus and mainland Scotland. *Birding Scotland* 1: 39-41.
- Hatton, D. & Brown, P. 1999. The female Collared Flycatcher on North Ronaldsay, Orkney. *Birding World* 12: 231-233.
- Leyshon, O. & Kerr, A. 1996. Another difficult 'Collared Flycatcher'. *Birding World* 9: 115.
- Lowe, A.R. 1979b. Collared Flycatchers in Shetland. *Scottish Birds* 10: 181-182.
- Pennington, M.G. 2001b. Blast from the past: Collared Flycatcher, Fair Isle, October 1986. *Birding Scotland* 4: 39-41.

414 Pied Flycatcher (21)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Avery, M. & Leslie, R. 1990. *Birds and Forestry*. T. & A.D. Poyser, London.
- Both, C., Artemev, A.V., Blaauw, B., Cowie, R.J., Dekhuijzen, A.J., Eeva, T., Enemar, A., Gustafsson, L., Ivankina, E.V., Jarvinen, A., Metcalfe, N.B., Nyholm, N.E.I., Potti, J., Ravussin, P.A., Sanz, J.J., Silverin, B., Slater, F.M., Sokolov, L.V., Török, J., Winkel, W., Wright, J., Zang, H. & Visser, M.E. 2004. Large-scale geographical variation confirms that climate change causes birds to lay earlier. *Proceedings of the Royal Society of London B* 271: 1657-1662.
- Campbell, B. 1954. The breeding distribution and habitats of the Pied Flycatcher *Muscicapa hypoleuca* in Britain. *Bird Study* 1: 81-100.
- Campbell, B. 1955. The breeding distribution and habitats of the Pied Flycatcher *Muscicapa hypoleuca* in Britain. *Bird Study* 2: 24-32, 179-191.
- Campbell, B. 1965. The British breeding distribution of the Pied Flycatcher, 1953-62. *Bird Study* 12: 305-318.
- Dennis, R. 1995a. *The Birds of Badenoch and Strathspey*. 2nd Edition. Colin Baxter Photography, Grantown-on-Spey.
- Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.
- Harvie-Brown, J.A. & Buckley, T.E. 1895. *A Vertebrate Fauna of the Moray Basin*. Two volumes. David Douglas, Edinburgh.
- Hogg, A. 1983. *Birds of Ayrshire: a county checklist*. Glasgow University, Glasgow.
- Hope Jones, P., Mead, C.J. & Durman, R.F. 1977. The migration of the Pied Flycatcher from and through Britain. *Bird Study* 24: 2-14.
- Hoy, J. 1958b. Pied Flycatcher breeding in Clackmannanshire. *Scottish Birds* 1: 19.
- Lundberg, A. & Alatalo, R.V. 1992. *The Pied Flycatcher*. T. & A.D. Poyser, London.
- Mackenzie, J.M.D. 1950. Pied Flycatcher nesting in Perthshire. *Scottish Naturalist* 1950: 180-182.
- Mackenzie, J.M.D. 1952. Pied Flycatcher nesting in Perthshire. *Scottish Naturalist* 1952: 169-170.
- Mackenzie, J.M.D. 1954. Perthshire Pied Flycatchers, 1953. *Scottish Naturalist* 1954: 54-55.
- Mackenzie, J.M.D. 1955. Perthshire Pied Flycatchers, 1954. *Scottish Naturalist* 1955: 118-120.
- Mackenzie, J.M.D. 1957a. Pied Flycatchers in Perthshire. *Scottish Naturalist* 1957: 45-49.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- Murray, R.D. 1987. Bluethroats in Scotland during 1985. *Scottish Birds* 14: 168-174.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.

415 Bearded Tit (9)

- Anon. 1998a. Western Palearctic news. *Birding World* 11: 378-381.

- Axell, H.E. 1966. Eruptions of Bearded Tits during 1959-65. *British Birds* 59: 513-543.
- Bibby, C.J. 1981a. Food supply and diet of the Bearded Tit. *Bird Study* 28: 201-210.
- Bibby, C.J. 1983. Studies of West Palearctic birds. 186. Bearded Tit. *British Birds* 76: 549-563.
- Brown, A. & Grice, P. 2005. *Birds in England*. T. & A.D. Poyser, London.
- Ellis, P.M. 1999b. Bearded Tit on Skerries - first Shetland record. *Shetland Bird Report* 1998: 95.
- O'Sullivan, J.M. 1976. Bearded Tits in Britain and Ireland 1966-74. *British Birds* 69: 473-489.
- Peach, W.J. 2001. Minimum breeding population of Bearded Tit (*Panurus biarmicus*) on the Tay Reedbeds in 2000: an analysis of Tay Ringing Group Mark-Recapture data. *Tay Ringing Group Report* 1998-2000: 24-28.

416 Long-tailed Tit (25)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Andrews, I.J. & Naylor, K.A. on behalf of the Scottish Birds Records Committee. 2002. Records of species and subspecies recorded in Scotland on up to 20 occasions. *Scottish Birds* 23: 61-116.
- Beaven, P. & Leech, D. 2004. Lay it again, Sam! *BTO News* 253: 9.
- Bibby, C.J., Bain, C.G. & Burges, D.J. 1989. Bird communities of highland birchwoods. *Bird Study* 36: 123-133.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- British Ornithologists' Union (BOU). 1971. *The Status of Birds in Britain and Ireland*. Blackwell Scientific Publications, Oxford.
- Clugston, D.L., Forrester, R.W., McGowan, R.Y., Zonfrillo, B. on behalf of the Scottish Birds Records Committee. 2001. The Scottish List - species and subspecies. *Scottish Birds* 22: 33-49.
- Darling, F.F. 1947. *Natural History in the Highlands and Islands*. Collins, London.
- Dott, H.E.M. 2006b. Population trends of birds breeding in Lothian 1950-2000. *Lothian Bird Report* 2004: 92-117.
- Dougall, T.W. & North, P.M. 1983. Problems of censusing Long-tailed Tits (*Aegithalos caudatus*) by the mapping method. *The Ring* 114: 88-97.
- Forrester, R.W. on behalf of the Scottish Birds Records Committee. 2003. Amendments to Scottish List - species and subspecies. *Scottish Bird Report* 2000: 5-9.
- Fuller, R.J. 1995. *Bird Life of Woodland and Forest*. Cambridge University Press, Cambridge.
- Gaston, A.J. 1973. The ecology and behaviour of the Long-tailed Tit. *Ibis* 115: 330-351.
- Ginn, H.B. & Melville, D.S. 1983. *Moult in Birds*. BTO Guide 19. BTO, Tring.
- Harrap, S. & Quinn, D. 1996. *Tits, Nuthatches and Treecreepers*. Christopher Helm, London.
- Hill, D., Taylor, S., Thaxton, R., Amphlet, A. & Horn, W. 1990. Breeding bird communities of native pine forest, Scotland. *Bird Study* 37: 133-141.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- Murray, A. 2005. BirdLine Scotland review. *Birding Scotland* 8: 45-48.
- Pennant, T. 1789. Sketch of Caledonian Zoology. In: Lightfoot, J. (ed.) *Flora Scotica*. 2nd edition, pp 1-66. Faulder, London.
- Perrins, C.M. 1979. *British Tits*. Collins, London.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Saunders, H. & Clarke, W.E. 1927. *Manual of British Birds*. 3rd Edition. Gurney & Jackson, London.
- Saxby, H.L. 1874. *The Birds of Shetland*. MacLachlan & Stewart, Edinburgh.
- Williamson, K. 1974a. Breeding birds in the deciduous woodlands of Mid-Argyll, Scotland. *Bird Study* 21: 29-44.
- Yapp, W.B. 1974. Birds of the northwest Highland birchwoods. *Scottish Birds* 8: 16-31.

417 Blue Tit (29)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Cowie, R.J. & Hinsley, S.A. 1987. Breeding success of Blue Tits and Great Tits in suburban gardens. *Ardea* 75: 81-90.
- Cramp, S., Pettet, A. & Sharrock, J.T.R. 1960. The irruption of tits in autumn 1957. *British Birds* 53: 49-77, 99-117, 176-192.
- Cunningham, P. 1983a. *The Birds of the Outer Hebrides: a guide to their status and distribution*. The Melven Press, Perth.
- da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
- da Prato, S.R.D. 1989. The breeding birds of some built-up areas in south-east Scotland. *Scottish Birds* 15: 170-177.
- Dunn, E. 1977. Predation by Weasels (*Mustela nivalis*) on breeding tits (*Parus* spp.) in relation to the density of tits and rodents. *Journal of Animal Ecology* 46: 633-652.
- Eggeling, W.J. 1974. The birds of the Isle of May - a revised assessment of status. *Scottish Birds* 8 (supplement): 93-148.
- Gibb, J. 1950. The breeding biology of Great and Blue Titmice. *Ibis* 92: 507-539.
- Gibb, J. 1955. Feeding rates of Great Tits. *British Birds* 48: 49-58.
- Gibb, J.A. & Betts, M.M. 1963. Food and food supply of nestling tits (Paridae) in Breckland pine. *Journal of Animal Ecology* 32: 489-533.

- Goodbody, I.M. 1952. The post-fledging dispersal of juvenile titmice. *British Birds* 45: 279-285.
- Harrap, S. & Quinn, D. 1996. *Tits, Nuthatches and Treecreepers*. Christopher Helm, London.
- Hublé, J. 1959. Feeding rates of Blue Tits *Parus caeruleus* L. *Le Gerfaut* 50: 465-476.
- Hudson, R. & Marchant, J.H. 1984. *Population estimates for British breeding birds*. BTO Research Report 13. BTO, Tring.
- Kluijver, H.N. 1966. Regulation of a bird population. *Ostrich* 6 (supplement): 389-396.
- Kluijver, H.N. 1971. Regulation of numbers in population of Great Tit (*Parus m. major*). In: den Boer, P.J. & Gradwell, G.R. (eds) *Dynamics of Populations. Proceedings of the Advanced Study Institute on Dynamics of numbers in populations, Oosterbeek, the Netherlands, 7-18 September 1970*. pp 507-523. Centre for Agricultural Publishing and Documentation, Wageningen, The Netherlands.
- Krebs, J.R. 1970. Regulation of numbers in the Great Tit (Aves Passeriformes). *Journal of Zoology, London* 162: 317-333.
- Lack, D. 1966. *Population Studies of Birds*. Clarendon Press, Oxford.
- McCulloch, M.N. 1988. *Studies of a population of Blue Tits, with special reference to heritability*. Unpublished PhD thesis, University of Dundee.
- McGowan, G.M., Palmer, S.C.F., French, D.D., Barr, C.J., Howard, D.C., Smart, S.M., Mackey, E.C. & Shewry, M.C. 2002. *Trends in broad habitats, Scotland 1990-1998*. Commissioned report F00NB03. SNH, Edinburgh.
- Pennant, T. 1789. Sketch of Caledonian Zoology. In: Lightfoot, J. (ed.) *Flora Scotica*. 2nd edition, pp 1-66. Faulder, London.
- Perrins, C.M. 1965. Population fluctuations and clutch-size in the great tit, *Parus major* L. *Journal of Animal Ecology* 34: 601-647.
- Perrins, C.M. 1979. *British Tits*. Collins, London.
- Perrins, C.M. & Geer, T.A. 1980. The effect of Sparrowhawks on tit populations. *Ardea* 68: 133-142.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Sibbald, R. 1684. *Scotia Illustrata, sive Prodromus Historia Naturalis*. J. Kniblo, J. Solingensis & J. Colmarii, Edinburgh.
- Snow, D.W. 1956. The annual mortality of the Blue Tit in different parts of its range. *British Birds* 49: 174-177.
- Sumner, B.E.H. 1987. A comparative study of bird numbers in different habitats at Penicuik, Scotland. *Scottish Birds* 14: 157-167.

418 Great Tit (22)

- Brian, A.D. 1949. Dominance in the Great Tit *Parus major*. *Scottish Naturalist* 1949: 144-155.
- Cowie, R.J. & Hinsley, S.A. 1987. Breeding success of Blue Tits and Great Tits in suburban gardens. *Ardea* 75: 81-90.
- Delestrade, A., McCleery, R.H. & Perrins, C.M. 1996. Natal dispersal in a heterogeneous environment: the case of the Great Tit in Wytham. *Acta Oecologia* 17: 519-529.
- Dhondt, A.A. 1979. Summer dispersal and survival rate of juvenile Great Tits in southern Sweden. *Oecologia* 42: 139-157.
- Dhondt, A.A. & Hublé, J. 1968. Fledging-date and sex in relation to dispersal in young Great Tits. *Bird Study* 15: 127-134.
- Dunn, E. 1977. Predation by Weasels (*Mustela nivalis*) on breeding tits (*Parus spp.*) in relation to the density of tits and rodents. *Journal of Animal Ecology* 46: 633-652.
- Gosler, A. 1993. *The Great Tit*. Hamlyn, London.
- Gosler, A.G. 1991. On the use of greater covert moult and pectoral muscle as measures of condition in passerines with data for the Great Tit *Parus major*. *Bird Study* 38: 1-9.
- Harrap, S. & Quinn, D. 1996. *Tits, Nuthatches and Treecreepers*. Christopher Helm, London.
- Mackey, E.C., Shaw, P., Holbrook, J., Shewry, M.C., Saunders, G., Hall, J. & Ellis, N.E. 2001. *Natural Heritage Trends: Scotland 2001*. Scottish Natural Heritage, Perth.
- Marchant, J.H., Hudson, R., Carter, S.P. & Whittington, P. 1990. *Population Trends in British Breeding Birds*. BTO/JNCC, Tring.
- Norris, K.J. & Blakey, J.K. 1989. Evidence for cuckoldry in the Great Tit *Parus major*. *Ibis* 131: 436-442.
- Oberski, I.M. & Wilson, J.D. 1991. Territoriality and site-related dominance: on two related concepts in avian social organization. *Ethology* 87: 225-236.
- Perrins, C.M. 1965. Population fluctuations and clutch-size in the great tit, *Parus major* L. *Journal of Animal Ecology* 34: 601-647.
- Perrins, C.M. & Geer, T.A. 1980. The effect of Sparrowhawks on tit populations. *Ardea* 68: 133-142.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Riddington, R. 1992. *Some aspects of the dispersal and post-fledging ecology of a population of Great Tits (Parus major)*. Unpublished PhD thesis, University of Oxford.
- Sandell, M. & Smith, H.G. 1991. Dominance, prior occupancy and winter residency in the Great Tit *Parus major*. *Behavioural Ecology and Sociobiology* 29: 147-152.

- Sanz, J.J. 1998. Effects of geographical location and habitat on breeding parameters of Great Tits. *Auk* 115: 1034-1051.
- Verboven, N. & Visser, M.E. 1998. Seasonal variation in the recruitment of great tits: the importance of being early. *Oikos* 81: 511-524.
- Wilson, J.D. 1992. Correlates of agonistic display by Great Tits *Parus major*. *Behaviour* 121: 168-214.
- Zang, H. 1998. Effects of "acid rain" on a population of Great Tits (*Parus major*) in the higher regions of the Harz mountains. *Journal für Ornithologie* 139: 263-268.

419 Crested Tit (29)

- Baker, H. 1991. *Habitat use by the Crested Tit Parus cristatus in Scottish Pinewoods*. Unpublished PhD thesis, University of Dundee.
- Bennett, K.D. 1988. The post glacial history of *Pinus sylvestris* in the British Isles. *Quaternary Science Reviews* 3: 133-155.
- Bewick, T. 1797-1804. *History of British Birds*. Beilby & Bewick, Newcastle.
- Cook, M. 1992. *The Birds of Moray and Nairn*. The Mercat Press, Edinburgh.
- Cook, M.J.H. 1982. Breeding status of the Crested Tit. *Scottish Birds* 12: 97-106.
- Deadman, A.J. 1973. *A population study of the Coal Tit Parus ater and Crested Tit Parus cristatus in a Scottish pine plantation*. Unpublished PhD thesis, University of Aberdeen.
- Denny, R.E. & Summers, R.W. 1996. Nest site selection, management and breeding success of Crested Tits *Parus cristatus* at Abernethy Forest, Strathspey. *Bird Study* 43: 371-379.
- Ekman, J. 1979. Coherence, composition and territories of winter social groups of the Willow Tit *Parus montanus* and the Crested Tit *Parus cristatus*. *Ornis Scandinavica* 10: 56-68.
- Etheridge, B. & Banks, J. 1981. Crested Tit laying second clutch. *Scottish Birds* 11: 227-228.
- Francis, I. 1997. Crested Tits in the frontier zone. *North-East Scotland Bird Report* 1996: 86-87.
- Grant, J.P. 1984. Crested Tits on Deeside. *Scottish Birds* 13: 54-55.
- Harrap, S. & Quinn, D. 1996. *Tits, Nuthatches and Treecreepers*. Christopher Helm, London.
- Hartley, P.H.T. 1987. Ecological aspects of the foraging behaviour of Crested Tits *Parus cristatus*. *Bird Study* 34: 107-111.
- Harvie-Brown, J.A. & Buckley, T.E. 1895. *A Vertebrate Fauna of the Moray Basin*. Two volumes. David Douglas, Edinburgh.
- Hope, D. 1990. Brood feeding and division of parental care by Crested Tits. *Scottish Birds* 16: 19-24.
- Knox, A. 1983. The Crested Tit on Deeside. *Scottish Birds* 12: 255-258.
- Lambert, R.A. 1998a. Proposals to extend the range of the Crested Tit in Scotland, 1945-1955. *Scottish Birds* 19: 304-305.
- Macdonald, D. 1957. Crested Tit in South-east Sutherland. *Scottish Naturalist* 1957: 57-58.
- MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
- Mackenzie, J.M.D. 1957b. Crested Tits in plantations. *Scottish Naturalist* 1957: 58-59.
- Nethersole-Thompson, D. & Watson, A. 1974. *The Cairngorms: their natural history and scenery*. Collins, London.
- Smith, A.J.M. 1958c. Crested Tits in Morayshire. *Scottish Birds* 1: 40.
- Summers, R.W. 1998. Territory sizes of Crested Tits at Abernethy Forest, Strathspey. *Scottish Birds* 19: 177-179.
- Summers, R.W. & Canham, M. 2001. The distribution of Crested Tits in Scotland during the 1990s. *Scottish Birds* 22: 20-27.
- Summers, R.W., Mavor, R.A., Buckland, S.T. & MacLennan, A.M. 1999. Winter population size and habitat selection of Crested Tits *Parus cristatus* in Scotland. *Bird Study* 46: 230-242.
- Summers, R.W., Taylor, W. & Underhill, L.G. 1993. Nesting habitat selection by Crested Tits *Parus cristatus* in a pine plantation. *Forestry* 66: 147-151.
- Summers, R.W. & Taylor, W.G. 1996. Use by tits of nest boxes of different designs in pinewoods. *Bird Study* 43: 138-141.
- Walcott, J. 1789. *Synopsis of British Birds*. W. Justins (printer), London.
- Yarrell, W. 1845. *A History of British Birds*. 2nd Edition. Three volumes. Van Voorst, London.

420 Coal Tit (20)

- ap Rheinallt, T., Craik, J.C.A., Daw, P.C., Furness, R.W., Petty, S.J. & Wood, D. (eds) in press. *Birds of Argyll*. Argyll Bird Club, Lochgilphead.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Cunningham, P. 1990. *The Birds of the Outer Hebrides: a guide to their status and distribution*. Updated Edition. The Mercat Press, Edinburgh.
- da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
- Glue, D. 1982. *The Garden Bird Book*. Macmillan, London.
- Gosler, A.G. & King, J.R. 1989. A sexually dimorphic plumage character in the Coal Tit *Parus ater* with notes on the Marsh Tit *P. palustris*. *Ringing & Migration* 10: 53-57.
- Harrap, S. & Quinn, D. 1996. *Tits, Nuthatches and Treecreepers*. Christopher Helm, London.

- Harvie-Brown, J.A. & Buckley, T.E. 1887. *A Vertebrate Fauna of Sutherland, Caithness and West Cromarty*. David Douglas, Edinburgh.
- Lack, D. & Venables, L.S.V. 1939. The habitat distribution of British woodland birds. *Journal of Animal Ecology* 8: 39-71.
- Macdonald, A. 1918. Nests of Cole-tit and Tree-creeper. *Scottish Naturalist* 1918: 215.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- Mead, C. 2000. *The State of the Nation's Birds*. Whittet Books, Stowmarket.
- Midlothian Ornithological Club. 1936. Isle of May Bird Observatory. Autumn Report, 1935. *Scottish Naturalist* 1936: 127-130.
- Patterson, I.J., Ollason, J.G. & Doyle, P. 1995. Bird populations in upland spruce plantations in northern Britain. *Forest Ecology and Management* 79: 107-131.
- Petty, S.J., Patterson, I.J., Anderson, D.I.K., Little, B. & Davison, M. 1995. Numbers, breeding performance, and diet of the sparrowhawk *Accipiter nisus* and merlin *Falco columbarius* in relation to cone crops and seed-eating finches. *Forest Ecology and Management* 79: 133-146.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Sellers, R.M. 1984. Movements of Coal, Marsh and Willow Tits in Britain. *Ringing & Migration* 5: 79-89.
- Simms, E. 1971. *Woodland Birds*. Collins, London.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
- Yapp, W.B. 1962. *Birds and Woods*. Oxford University Press, Oxford.

421 Willow Tit (14)

- Duncan, J. 1999b. Do you still need - Willow Tit? *Birding Scotland* 2: 147.
- Forrester, R.W. on behalf of the Scottish Birds Records Committee. 2003. Amendments to Scottish List - species and subspecies. *Scottish Bird Report* 2000: 5-9.
- Graham, J. 1953. Willow-tit *Parus atricapillus* in Sutherland. *Scottish Naturalist* 1953: 130-131.
- Harrap, S. & Quinn, D. 1996. *Tits, Nuthatches and Treecreepers*. Christopher Helm, London.
- Harvie-Brown, J.A. 1894c. The Marsh Tit in Scotland. *Transactions and Proceedings of the Perthshire Society of Natural Science* 2 (3): 97-100.
- Hogg, A. 1983. *Birds of Ayrshire: a county checklist*. Glasgow University, Glasgow.
- Johnston, T.L. 1936. Nesting habits of the Willow-Tit in Cumberland. *British Birds* 29: 378-380.
- Maxwell, J. 2002. Nest-site competition with blue tits and great tits as a possible cause of declines in willow tit numbers: observations in the Clyde area. *Glasgow Naturalist* 24: 47-50.
- Maxwell, J.C. 1999. Pure dead brilliant box, Jimmy. *BTO News* 221: 12-13.
- Maxwell, J.C. 2003a. Scottish Willow Tits hanging on. *BTO News* 244: 24.
- Palmer, J.F. 1953. Willow-tit in North-west Sutherland. *Scottish Naturalist* 1953: 131.
- Perrins, C. 2003. The status of Marsh and Willow Tits in the UK. *British Birds* 96: 418-426.
- Siriwardena, G. 2001. Why are 'brown tits' declining? *BTO News* 235: 23-24.
- Stewart, W. 1926. The Willow-tit in Lanarkshire. *Scottish Naturalist* 1926: 147-150.

422 Marsh Tit (15)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Baxter, E.V. 1957a. Review of ornithological changes in Scotland in 1955. *Scottish Naturalist* 1957: 37-44.
- British Ornithologists' Union (BOU). 1971. *The Status of Birds in Britain and Ireland*. Blackwell Scientific Publications, Oxford.
- British Ornithologists' Union (BOU). 1992a. *Checklist of Birds of Britain and Ireland*. 6th Edition. Helm Information Ltd, London.
- Day, J.C., Hodgson, M.S. & Rossiter, B.N. 1995. *The Atlas of Breeding Birds in Northumbria*. Northumberland and Tyneside Bird Club, Newcastle.
- Douglas-Home, H. 1946. Marsh-Tits in Berwickshire. *British Birds* 39: 177.
- Edwards, G. 1945. Marsh-Tit breeding in Berwickshire. *British Birds* 38: 316-317.
- Harrap, S. & Quinn, D. 1996. *Tits, Nuthatches and Treecreepers*. Christopher Helm, London.
- Holling, M. 1997. Are there any Marsh Tits left in Lothian? *Lothian Bird Report* 1995: 109-110.
- Kleinschmidt, O. 1898. Weitere Notizen über Sumpfmeisen. *Ornithologische Monatsberichte* 6: 33-36.
- Laidlaw, T.G. 1921. The Marsh Titmouse in Berwickshire. *Scottish Naturalist* 1921: 86.
- Perrins, C. 2003. The status of Marsh and Willow Tits in the UK. *British Birds* 96: 418-426.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Slater, P.J.B. 1966b. Current notes. *Scottish Birds* 4: 234-254.
- Stott, M., Callion, J., Kinley, I., Raven, C. & Roberts, J. (eds) 2002. *The Breeding Birds of Cumbria: a tetrad atlas 1997-2001*. Cumbria Bird Club.

423 Wood Nuthatch (19)

- Balfour-Browne, V.E.C. 1967. Nuthatch in Kirkcudbrightshire. *Scottish Birds* 4: 450.
- Baxter, E.V. & Rintoul, L.J. 1929b. Report on Scottish ornithology in 1928. *Scottish Naturalist* 1929: 109-125, 139-156.
- Brotherston, A. 1875. Zoological notes. *History of the Berwickshire Naturalists' Club* 7: 500-506.
- Day, J.C., Hodgson, M.S. & Rossiter, B.N. 1995. *The Atlas of Breeding Birds in Northumbria*. Northumberland and Tyneside Bird Club, Newcastle.
- Enoksson, B. 1990. Autumn territories and population regulation in the nuthatch *Sitta europaea*: an experimental study. *Journal of Animal Ecology* 59: 1047-1062.
- Evans, A.H. 1911a. *A Fauna of the Tweed Area*. David Douglas, Edinburgh.
- Harvie-Brown, J.A. & Macpherson, H.A. 1904. *A Fauna of the North-west Highlands and Skye*. David Douglas, Edinburgh.
- Hissett, A. & Hissett, R. 2005. Wood Nuthatch nesting in Ayrshire. *Ayrshire Bird & Butterfly Report* 2004: 8.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- Murray, R.D. 1991b. The first successful breeding of Nuthatch in Scotland. *Scottish Bird Report* 1989: 51-55.
- Murray, R.D. 2000e. Do you still need - Nuthatch? *Birding Scotland* 3: 52-53.
- Nilsson, S.G. 1987. Limitation and regulation of population density in the nuthatch *Sitta europaea* (Aves) breeding in natural cavities. *Journal of Animal Ecology* 56: 921-937.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Smith, J.A. 1857. Ornithological notices. *Proceedings of the Royal Physical Society of Edinburgh* 1: 240-242.
- Stott, M., Callion, J., Kinley, I., Raven, C. & Roberts, J. (eds) 2002. *The Breeding Birds of Cumbria: a tetrad atlas 1997-2001*. Cumbria Bird Club.
- Strawger, J. 1990. Nuthatch breeds in Scotland. *Scottish Birds* 16: 43.
- Thom, V.M. 1964. Nuthatch in Perthshire. *Scottish Birds* 3: 83.
- Turnbull, W.P. 1867. *The Birds of East Lothian and a Portion of the Adjoining Counties*. 2nd Edition. Privately published, Glasgow.
- Turner, D. 1973. Nuthatches in Perthshire. *Scottish Birds* 7: 316.

424 Eurasian Treecreeper (30)

- Arévalo, J.E. & Gosler, A.G. 1994. The behaviour of Treecreepers *Certhia familiaris* in mixed-species flocks in winter. *Bird Study* 41: 1-6.
- Baillie, S.R., Marchant, J.H., Crick, H.Q.P., Noble, D.G., Balmer, D.E., Beaven, L.P., Coombes, R.H., Downie, I.S., Freeman, S.N., Joys, A.C., Leech, D.I., Raven, M.J., Robinson, R.A. & Thewlis, R.M. 2005. *Breeding Birds in the Wider Countryside: their conservation status 2004*. BTO Research Report 385. BTO, Thetford.
- Balfour, E. 1972. *Orkney Birds: status and guide*. Charles Senior, Stromness.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
- Clarke, W.E. 1907b. The birds of Fair Isle. - II. The results of observations made during the year 1906. *Annals of Scottish Natural History* 1907: 66-80.
- Evans, A.H. & Buckley, T.E. 1899. *A Vertebrate Fauna of the Shetland Islands*. David Douglas, Edinburgh.
- Fuller, R.J., Noble, D.G., Smith, K.W. & Vanhinsbergh, D. 2005. Recent declines in populations of woodland birds in Britain: a review of possible causes. *British Birds* 98: 116-143.
- Gillings, S. 1997. Ground nesting Treecreeper in Deeside. *Scottish Birds* 19: 115.
- Goddard, T.R. 1938. Northern Tree-creeper in Berwickshire. *British Birds* 31: 309-310.
- Hill, D., Taylor, S., Thaxton, R., Amphlet, A. & Horn, W. 1990. Breeding bird communities of native pine forest, Scotland. *Bird Study* 37: 133-141.
- Huhta, E., Aho, T., Jäntti, A., Suorsa, P., Kuitunen, M., Nikula, A. & Hakkarainen, H. 2004. Forest fragmentation increases nest predation in the Eurasian treecreeper. *Conservation Biology* 18: 148-155.
- Lyndon, A.R. 2003. Treecreeper feeding from a food cache in a brick wall. *Scottish Birds* 24 (1): 42.
- Macdonald, D. 1962b. Some breeding notes on the Treecreeper. *Scottish Birds* 2: 249-250.
- Macdonald, D. 1977b. Further notes on a long-established Treecreeper nest site. *Scottish Birds* 9: 267-268.
- Mackenzie, J.M.D. 1956. Tree-creepers using nest-boxes and other artificial nest-sites. *Scottish Naturalist* 1956: 84-91.
- Mackenzie, J.M.D. 1959. Roosting of treecreepers. *Bird Study* 6: 8-14.
- Moss, D., Taylor, P.N. & Easterbee, N. 1979a. The effects on song-bird populations of upland afforestation with spruce. *Forestry* 52: 129-150.
- Newton, I. & Moss, D. 1977. Breeding birds of Scottish pinewoods. In: Bunce, R.G.H. & Jeffers, J.N.R. (eds) *Native Pinewoods of Scotland. Proceedings of Aviemore Symposium, 1975*. pp 26-34. Institute of Terrestrial Ecology, Cambridge.
- Patterson, I.J., Ollason, J.G. & Doyle, P. 1995. Bird populations in upland spruce plantations in northern Britain. *Forest*

- Ecology and Management* 79: 107-131.
- Peach, W.J., du Feu, C. & McMeeking, J. 1995. Site tenacity and survival rates of Wrens *Troglodytes troglodytes* and Treecreepers *Certhia familiaris* in a Nottinghamshire wood. *Ibis* 137: 497-507.
- Peck, K.M. 1989. Tree species preferences shown by foraging birds in forest plantations in northern England. *Biological Conservation* 48: 41-57.
- Rankin, N. 1985. Wellingtonias and Treecreepers. *Scottish Birds* 13: 228.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Saxby, H.L. 1874. *The Birds of Shetland*. Maclachlan & Stewart, Edinburgh.
- Slater, P.J.B. 1965b. Current notes. *Scottish Birds* 3: 318-324.
- Suorsa, P., Huhta, E., Jäntti, A., Nikula, A., Helle, H., Kuitunen, M., Koivunen, V. & Hakkarainen, H. 2005. Thresholds in selection of breeding habitat by the Eurasian treecreeper (*Certhia familiaris*). *Biological Conservation* 121: 443-452.
- Tulloch, R.J. 1967a. Birds on Out Skerries, Shetland, 1966. *Scottish Birds* 4: 467-480.
- Virkkala, R., Rajasarkka, A., Vaisanen, R.A., Vickholm, M. & Virolainen, E. 1994. Conservation value of nature reserves: do hole-nesting birds prefer protected forests in southern Finland? *Annales Zoologici Fennici* 31: 173-186.
- Watson, A. 1969. Preliminary counts of birds in central Highland pine woods. *Bird Study* 16: 158-163.

425 Eurasian Golden Oriole (9)

- Dewar, T.F. & Dewar, W.J. 1898. Golden Oriole in Forfarshire. *Annals of Scottish Natural History* 1898: 179-180.
- Fleming, J. 1828. *A History of British Animals*. Bell & Bradfute, Edinburgh.
- Munro, I.C. 1969. Golden Orioles displaying in Kinross-shire. *Scottish Birds* 5: 289-290.
- Murray, S. 2002b. The birds of St Kilda. *Scottish Birds* 23 (supplement): 1-64.
- Ogilvie, M. & the Rare Breeding Birds Panel. 1996a. Rare breeding birds in the United Kingdom in 1993. *British Birds* 89: 61-91.
- Rintoul, L.J. & Baxter, E.V. 1935. *A Vertebrate Fauna of Forth*. Oliver & Boyd, Edinburgh & London.
- Rivers, S.L. 2000b. Birding ... the coastal sites of Fife – part one. *Birding Scotland* 3: 75-82.
- Sharrock, J.T.R. 1974. *Scarce Migrant Birds in Britain and Ireland*. T. & A.D. Poyser, Berkhamsted.
- Smout, A.-M. 1986. *The Birds of Fife: an outline of their status and distribution*. John Donald, Edinburgh.

426 Brown Shrike (6)

- Hume, R.A. 1993. Brown Shrike in Shetland: new to Britain and Ireland. *British Birds* 86: 600-604.
- Maggs, H.E. & Shaw, D. 2000. The Brown Shrike on Fair Isle. *Birding World* 13: 420-422.
- Marshall, B. 2004a. The Brown Shrike in Shetland. *Birding World* 17: 390-391.
- Marshall, B. 2004b. The Brown Shrike on Whalsay, Shetland - the third Scottish record. *Birding Scotland* 7: 187-188.
- Marshall, B. & Irving, J.L. 2005. Brown Shrike on Whalsay: 2nd for SBC area, third Shetland record. *Shetland Bird Report* 2004: 110-111.
- Shaw, D.N. 2001a. Brown Shrike on Fair Isle, 21st October 2000. *Birding Scotland* 4: 33-35.

427 Isabelline Shrike (8)

- Alexander, W.B., Flower, W.U. & Kinnear, M.I. 1951. Isabelline Shrike on the Isle of May: a new British bird. *British Birds* 44: 217-219.
- Davis, P. 1961b. Red-tailed Shrike at Fair Isle. *British Birds* 54: 209-210.
- Dougall, T.W. & Patterson, D. 1990. Isabelline Shrike - first record for the Borders. *Borders Bird Report* 11: 78.
- Gordon, P.R. 2000. Isabelline Shrike in Borders - the thirteenth for Scotland. *Birding Scotland* 3: 36-37.
- Millington, R. 2000. The isabelline shrike in Cambridgeshire. *Birding World* 13: 366-367.
- Pearson, D.J. 2000. The races of the Isabelline Shrike *Lanius isabellinus* and their nomenclature. *Bulletin of the British Ornithologists' Club* 120: 22-27.
- Smith, M. 2003. Isabelline Shrike on Fetlar: third for SBC area, seventh Shetland record. *Shetland Bird Report* 2002: 107.
- Worfolk, T. 2000. Identification of Red-backed, Isabelline and Brown Shrikes. *Dutch Birding* 22: 323-362.

428 Red-backed Shrike (21)

- Ash, J.S. 1970. Observations on a decreasing population of Red-backed Shrikes. *British Birds* 63: 185-205.
- Balfour, E. 1972. *Orkney Birds: status and guide*. Charles Senior, Stromness.
- Barclay, A.M. & Morrison, B.R.S. 1995. Red backed Shrike breeding in Perthshire. *Scottish Birds* 18: 118-119.
- Bibby, C.J. 1973. The Red-backed Shrike: a vanishing British species. *Bird Study* 20: 103-110.
- British Ornithologists' Union (BOU). 1971. *The Status of Birds in Britain and Ireland*. Blackwell Scientific

- Publications, Oxford.
- Campbell, J.W. 1957b. Red-backed Shrike in Inverness-shire. *Scottish Naturalist* 1957: 189.
- Dennis, R. 1995a. *The Birds of Badenoch and Strathspey*. 2nd Edition. Colin Baxter Photography, Grantown-on-Spey.
- Dickson, R.C. 1997b. Red-backed Shrike breeding records in Scotland. *Scottish Birds* 19: 114.
- Foster, R. 1999. Red-backed Shrikes breeding in Caithness in 1997. *Scottish Bird Report* 1997: 80-81.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- Mead, C. 2000. *The State of the Nation's Birds*. Whittet Books, Stowmarket.
- Murray, R.D. 1987. Bluethroats in Scotland during 1985. *Scottish Birds* 14: 168-174.
- Ogilvie, M. & the Rare Breeding Birds Panel. 2004. Rare breeding birds in the United Kingdom in 2002. *British Birds* 97: 492-536.
- Parslow, J.L.F. 1973. *Breeding Birds in Britain and Ireland: a historical survey*. T. & A.D. Poyser, Berkhamsted.
- Paterson, J. 1893. The Red-backed Shrike (*Lanius collurio*) nesting in Lanarkshire. *Annals of Scottish Natural History* 1893: 182-183.
- Paterson, J. 1901. Birds. In: Elliot, G.F.S., Laurie, M. & Murdoch, J.B. (eds) *Fauna, Flora and Geology of the Clyde Area*. British Association for the Advancement of Science, Glasgow.
- Peakall, D.B. 1962. The past and present status of the Red-backed Shrike in Great Britain. *Bird Study* 9: 198-216.
- Pennington, M.G., Maher, M. & Smith, M. 2005. Observations on a Red-backed Shrike nest in Shetland. *Scottish Birds* 25: 56-58.
- Phillips, I.M. 1997. *Rare and Scarce Birds in North East Scotland*. I.M. Phillips, Cove.
- Turnbull, W.P. 1867. *The Birds of East Lothian and a Portion of the Adjoining Counties*. 2nd Edition. Privately published, Glasgow.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.

429 Long-tailed Shrike (5)

- Lefranc, N. & Worfolk, T. 1997. *Shrikes: a guide to the shrikes of the world*. Pica Press, Robertsbridge.
- Sibley, C.G. & Monroe Jr., B.L. 1990. *Distribution and Taxonomy of Birds of the World*. Yale University Press, New Haven.
- Stevenson, A. 2000. The Long-tailed Shrike in the Outer Hebrides - a new British bird. *Birding World* 13: 454-457.
- Stevenson, A. 2001. Long-tailed Shrike on the Outer Hebrides - a first for Britain. *Birding Scotland* 4: 8-10.
- Stevenson, A. 2005a. Long-tailed Shrike: new to Britain. *British Birds* 98: 26-31.

430 Lesser Grey Shrike (15)

- Balfour, E. & Tulloch, R.J. 1966. Lesser Grey Shrike in Orkney and Shetland. *Scottish Birds* 4: 233.
- Dix, R.E. 1970. Lesser Grey Shrike in North Argyll. *Scottish Birds* 6: 53.
- Dowsett, R.J. 1971. The Lesser Grey Shrike in Africa. *Ostrich* 42: 259-270.
- Ennion, E.A.R. 1953. Lesser Grey Shrike in Northumberland and Aberdeen. *British Birds* 46: 220.
- Goodbody, I.M. 1953. Lesser Grey Shrike in Aberdeen. *Scottish Naturalist* 1953: 131-132.
- Hughes Onslow, G. 1961. Lesser Grey Shrike in Ayrshire. *Scottish Birds* 1: 455-456.
- Lefranc, N. & Worfolk, T. 1997. *Shrikes: a guide to the shrikes of the world*. Pica Press, Robertsbridge.
- Simpson, J.H. 1967a. Lesser Grey Shrike in Shetland. *Scottish Birds* 4: 378.
- Thomason, G. 1965b. Lesser Grey Shrike on Outer Hebrides. *Scottish Birds* 3: 259-260.
- Thomson, E. 1968. Lesser Grey Shrike in Shetland. *Scottish Birds* 5: 225.
- Valera, F., Kristin, A. & Hoi, H. 2001. Lesser Grey Shrike seldom hoards prey under natural conditions. *Behaviour* 138: 1421-1436.
- Walker, K.G. 1968c. Subalpine Warbler, Scarlet Grosbeak and Lesser Grey Shrike on North Ronaldsay, Orkney. *Scottish Birds* 5: 223-224.
- Williamson, K. 1956a. Melodious Warbler and Lesser Grey Shrikes at Fair Isle. *British Birds* 49: 94-96.
- Wilson, J. 1928. Lesser Grey Shrike at Fair Isle. *Scottish Naturalist* 1928: 127.
- Wormell, P. 1972. Lesser Grey Shrike in the Inner Hebrides. *Scottish Birds* 7: 96.

431 Great Grey Shrike (17)

- Dennis, R. 1995a. *The Birds of Badenoch and Strathspey*. 2nd Edition. Colin Baxter Photography, Grantown-on-Spey.
- Fraser, P.A. & Ryan, J.F. 1995. Status of the Great Grey Shrike in Britain and Ireland. *British Birds* 88: 478-484.
- Gordon, N.J. 1974. Isle of May Bird Observatory and Field Station Report for 1973. *Scottish Birds* 8: 43-53.
- Halliday, K.C.R. 1970. Notes on a Great Grey Shrike wintering in Lanarkshire. *Scottish Birds* 6: 22-23.
- Hewson, R. 1970. Winter home range and feeding habits of a Great Grey Shrike in Morayshire. *Scottish Birds* 6: 18-22.
- Hildén, O. & Hildén, M. 1996. Wide fluctuations in the Finnish population of the Great Grey Shrike *Lanius excubitor* during recent decades. *Ornis Fennica* 73: 35-38.
- Lefranc, N. & Worfolk, T. 1997. *Shrikes: a guide to the shrikes of the world*. Pica Press, Robertsbridge.
- Love, J.A., Macdonald, D. & Clarke, A.S. 1971. Food of Great Grey Shrikes in Inverness-shire and southeast

- Sutherland. *Scottish Birds* 6: 449-450.
- Macpherson, J.A. 1891. The Great Grey Shrike (*Lanius excubitor*) considered as a Scottish species. *Scottish Naturalist* 1891: 60-67.
- Minshull, R.H. 2003. The occurrence of the Great Grey Shrike in North-East Scotland, 1970-2000. *North-East Scotland Bird Report* 2002: 140-147.
- Morrison, W.M. & Ramsay, A.D.K. 1978. Olivaceous Warbler on the Isle of May. *Scottish Birds* 10: 24-25.
- Murdoch, C.C.I. 1952. Great Grey Shrike in Aberdeenshire and Inverness-shire. *Scottish Naturalist* 1952: 168-169.
- Olsson, V. 1980. Recent changes in the distribution of Great Grey Shrike *Lanius excubitor* in Sweden. *Fauna och Flora* 75: 247-255.
- Pennant, T. 1789. Sketch of Caledonian Zoology. In: Lightfoot, J. (ed.) *Flora Scotica*. 2nd edition, pp 1-66. Faulder, London.
- Phillips, I.M. 1997. *Rare and Scarce Birds in North East Scotland*. I.M. Phillips, Cove.
- Schon, M. 1994. Characteristics of the habitats of the Great Grey Shrike. *Okol Vogel* 16: 253-496.
- Tulloch, R.J. 1970a. Notes on the feeding behaviour of a captive Great Grey Shrike. *Scottish Birds* 6: 24-25.

432 Southern Grey Shrike (3)

- Dennis, R.H. 1973b. Steppe Shrike on Fair Isle. *British Birds* 66: 401-402.
- Harrop, H. 1995b. 'Pallidirostris' Great Grey Shrike, Boddam, the first for Shetland 7th-10th November. *Shetland Bird Report* 1994: 90-91.
- Williamson, K. 1957a. A desert race of the Great Grey Shrike, new to the British Isles. *British Birds* 50: 246-249.

433 Woodchat Shrike (12)

- Cojeen, J.L. 1968. Woodchat Shrike in Morayshire. *Scottish Birds* 5: 110.
- Coutts, D. 1966a. Woodchat Shrike in Shetland. *Scottish Birds* 4: 234.
- Cronin, C. & Rheinallt, T. 1997. Woodchat Shrike *Lanius senator* on Islay, 16 September 1996 - the first Argyll record. *Argyll Bird Report* 13: 92-95.
- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Lefranc, N. & Worfolk, T. 1997. *Shrikes: a guide to the shrikes of the world*. Pica Press, Robertsbridge.
- Macdonald, A. 1966. Woodchat Shrike in East Lothian. *Scottish Birds* 4: 102.
- Oliver, D.W. 1966a. Woodchat Shrike in Fife. *Scottish Birds* 4: 101-102.
- Rintoul, L.J. & Baxter, E.V. 1912. On the occurrence of the Woodchat Shrike in Forth Area. *Scottish Naturalist* 1912: 10-11.
- Rivers, S.L. 2003. The status of Woodchat Shrike in Scotland. *Birding Scotland* 6: 128.
- Sharrock, J.T.R. 1974. *Scarce Migrant Birds in Britain and Ireland*. T. & A.D. Poyser, Berkhamsted.
- Tait, C.S. 1968. Woodchat Shrike in East Lothian. *Scottish Birds* 5: 176-177.
- Walker, K.G. 1967e. Woodchat Shrike in Orkney. *Scottish Birds* 4: 508.

434 Masked Shrike (12)

- Glass, T., Lauder, A.W., Oksien, M. & Shaw, K.D. 2005. Masked Shrike (*Lanius nubicus*), Kilrenny Common, 29th October 2004 - a first for Fife & Britain. *Fife Bird Report* 2004: 146-149.
- Glass, T., Lauder, A.W., Oksien, M. & Shaw, K.D. 2006. Masked Shrike, new to Britain. *British Birds* 99: 67-70.
- Harris, T. & Franklin, K. 2000. *Shrikes and Bush Shrikes*. Christopher Helm, London.
- Lefranc, N. & Worfolk, T. 1997. *Shrikes: a guide to the shrikes of the world*. Pica Press, Robertsbridge.
- Moskat, C. & Fuisz, T.I. 2002. Habitat segregation among the woodchat shrike, *Lanius senator*, the red-backed shrike, *Lanius collurio*, and the masked shrike, *Lanius nubicus*, in NE Greece. *Folia Zoologica* 51: 103-111.
- Oksien, M., Lauder, A. & Shaw, K.D. 2004. Masked Shrike, Kilrenny, Fife - a first for Britain. *Birding Scotland* 7: 189-194.
- Perktaş, U. 2004. Breeding shrike populations in Turkey: status in 1998-2003. *Biological Letters* 41: 71-75.
- Pullan, D.M. & Shaw, K.D. 2001. What will be the next additions to the Scottish List? *Birding Scotland* 4: 84-86.
- Shand, R. 2004. The Masked Shrike in Fife - a new British bird. *Birding World* 17: 466-471.
- Thorup, K. 2004. Reverse migration as a cause of vagrancy. *Bird Study* 51: 228-238.
- Tucker, G.M. & Heath, M.F. 1994. *Birds in Europe: their conservation status*. BirdLife Conservation Series No. 3. BirdLife International, Cambridge.
- Wallace, D.I.M. 1980. Possible future Palearctic passerine vagrants to Britain. *British Birds* 73: 388-397.

435 Eurasian Jay (16)

- Alston, C.H. 1913. The Jay in Argyll. *Scottish Naturalist* 1913: 43-44.
- Bossema, L. 1979. Jays and oaks: an eco-ethological study of a symbiosis. *Behaviour* 70: 1-117.
- Cramp, S., Pettet, A. & Sharrock, J.T.R. 1960. The irruption of tits in autumn 1957. *British Birds* 53: 49-77, 99-117,

176-192.

- Dennis, R. 1984. *Birds of Badenoch and Strathspey*. Roy Dennis Enterprises, North Kessock.
- Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.
- Gladstone, H.S. 1912b. Jays in Dumfriesshire. *Scottish Naturalist* 1912: 277.
- John, A.W.G. & Roskell, J. 1985. Jay movements in autumn 1983. *British Birds* 78: 611-637.
- Lumsden, J. 1876. Notes on the distribution of the Common Jay in Scotland. *Scottish Naturalist* 1876: 233-240.
- Madge, S. & Burn, H. 1994. *Crows and Jays*. Christopher Helm, London.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- Rolando, A. 1998. Factors affecting movements and home ranges in the jay (*Garrulus glandarius*). *Journal of Zoology, London* 246: 249-257.
- Rowallan, L. 1958. Jay in Ayrshire. *Scottish Birds* 1: 18.
- Sibbald, R. 1684. *Scotia Illustrata, sive Prodromus Historia Naturalis*. J. Kniblo, J. Solingensis & J. Colmarii, Edinburgh.
- Slater, P.J.B. 1967b. Current notes. *Scottish Birds* 4: 509-521.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
- Young, J.G. 1984. Large, temporary roost of Jays in Midlothian. *Scottish Birds* 13: 88.

436 Black-billed Magpie (20)

- Baillie, S.R., Crick, H.Q.P., Balmer, D.E., Beaven, L.P., Downie, I.S., Freeman, S.N., Leech, D.I., Marchant, J.H., Noble, D.G., Raven, M.J., Simpkin, A.P., Thewlis, R.M. & Wernham, C.V. 2002. *Breeding Birds in the Wider Countryside: their conservation status 2001*. BTO Research Report 278. BTO, Thetford.
- Birkhead, T.R. 1991. *The Magpies*. T. & A.D. Poyser, London.
- Butterfield, D. 2004b. The status of Magpie *Pica pica* in Highland. *Highland Bird Report* 2003: 181-183.
- Coombs, C.J.F. 1978. *The Crows: a study of the corvids of Europe*. B.T. Batsford, London.
- Dott, H.E.M. 1994b. Densities of breeding Magpies and Carrion Crows in south-east Scotland in 1992-93. *Scottish Birds* 17: 205-211.
- Gregory, R.D. & Marchant, J.H. 1996. Population trends of Jays, Magpies, Jackdaws and Carrion Crows in the United Kingdom. *Bird Study* 43: 28-37.
- Grierson, J. 1962. A check-list of the birds of Tentsmuir, Fife. *Scottish Birds* 2: 113-164.
- Harvie-Brown, J.A. 1871. On the birds found breeding in Sutherlandshire. *Proceedings of the Natural History Society of Glasgow* 2: 69-134.
- Holyoak, D. 1967. Breeding biology of the Corvidae. *Bird Study* 14: 153-168.
- Love, J.A. & Summers, R.W. 1973. Breeding biology of Magpies in Aberdeenshire. *Scottish Birds* 7: 399-403.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- McMillan, R.L. 2005. *Skye Birds: an illustrated guide to the birds of Skye*. Skye-birds.com, Elgol.
- Merrie, T.D.H. 1967. The Magpie in western Scotland. *Scottish Birds* 4: 449-450.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Sibbald, R. 1684. *Scotia Illustrata, sive Prodromus Historia Naturalis*. J. Kniblo, J. Solingensis & J. Colmarii, Edinburgh.
- Simpson, G.E., Simpson, J.D. & Bourne, W.R.P. 1983. A trio of Magpies. *Scottish Birds* 12: 258.
- Sutcliffe, R. 1995. Magpie's nest - with a difference. *Scottish Birds* 18: 59.
- Tatner, P. 1982. Factors influencing the distribution of Magpies *Pica pica* in an urban environment. *Bird Study* 29: 227-234.
- Tatner, P. 1983. The diet of urban Magpies *Pica pica*. *Ibis* 125: 90-107.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.

437 Spotted Nutcracker (8)

- Anon. 1869. Rare birds in the Highlands. *Zoologist* 1869: 1519-1520.
- Buckley, T.E. & Harvie-Brown, J.A. 1891. *A Vertebrate Fauna of the Orkney Islands*. David Douglas, Edinburgh.
- Coutts, D. 1969. Nutcracker in Shetland. *Scottish Birds* 5: 290-291.
- Evans, L.G.R. 1994. *Rare Birds in Britain 1800-1990*. LGRE Publications, Amersham.
- Harvie-Brown, J.A. 1868d. Rare birds in the north of Scotland. *Zoologist* 1868: 1484.
- Hollyer, J.N. 1970. The invasion of Nutcrackers in autumn 1968. *British Birds* 63: 353-373.
- Madge, S. & Burn, H. 1994. *Crows and Jays*. Christopher Helm, London.
- Maxwell, H. 1891. The Nut-cracker in Wigtownshire. *Scottish Naturalist* 1891: 191.

438 Red-billed Chough (34)

- Bignal, E., Bignal, S., Moore, P., Clarke, J. & Clarke, P. 1992. *The second international chough census in Scotland*,

1992. Unpublished report to RSPB.
- Bignal, E., Monaghan, P., Benn, S., Bignal, S., Still, E. & Thompson, P.M. 1987. Breeding success and post-fledging survival in the Chough *Pyrrhocorax pyrrhocorax*. *Bird Study* 34: 39-42.
- Birse, E.L. 1971. *Assessment of Climatic Conditions in Scotland: 3. The bioclimatic sub-regions*. Macaulay Institute for Soil Research, Aberdeen.
- Birse, E.L. & Dry, F.T. 1970. *Assessment of Climatic Conditions in Scotland: 1. Based on accumulated temperature and potential water deficit*. Macaulay Institute for Soil Research, Aberdeen.
- Birse, E.L. & Robertson, L. 1970. *Assessment of Climatic Conditions in Scotland: 2. Based on exposure and accumulated frost*. Macaulay Institute for Soil Research, Aberdeen.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Bullock, I.D., Drewett, D.R. & Mickleburgh, S.P. 1983. The Chough in Britain and Ireland. *British Birds* 76: 377-401.
- Bullock, I.D., Drewett, D.R. & Mickleburgh, S.P. 1985. The Chough in Wales. *Nature in Wales, New Series* 4: 46-57.
- Burton, J.F. 1995. *Birds and Climate Change*. Christopher Helm, London.
- Clarke, J. & Clarke, P.M. 1995. Choughs feeding on Mining Bee *Colletes succinctus* larvae on Colonsay. *Bird Study* 42: 253-254.
- Clarke, J. & Clarke, P.M. 1998. *Chough Pyrrhocorax pyrrhocorax on Colonsay and Oronsay in the Inner Hebrides: status and distribution 1982-1994*. Unpublished report to SNH.
- Cook, A.S., Grant, M.C., McKay, C.R. & Peacock, M.A. 2001. Status, distribution and breeding success of the Red-billed Chough in Scotland in 1998. *Scottish Birds* 22: 82-91.
- Finney, S.K. & Jardine, D.C. 2003. The distribution and status of the Red-billed Chough in Scotland in 2002. *Scottish Birds* 24 (1): 11-17.
- Greenlees, J. 1953. The birds of Southend, Argyll. *Glasgow and West of Scotland Bird Bulletin* 2: 33-37.
- Harvie-Brown, J.A. & Buckley, T.E. 1892. *A Vertebrate Fauna of Argyll and the Inner Hebrides*. David Douglas, Edinburgh.
- Harvie-Brown, J.A. & Macpherson, H.A. 1904. *A Fauna of the North-west Highlands and Skye*. David Douglas, Edinburgh.
- Lawson, R. 1895. *The History and Natural History of Ailsa Craig*. Paisley.
- MacGillivray, W. 1830. Account of the series of islands usually denominated the Outer Hebrides. Section VII - Wild Animals. Birds. *Edinburgh Journal of Natural and Geographical Science* 2: 321-334.
- Madge, S. & Burn, H. 1994. *Crows and Jays*. Christopher Helm, London.
- McKay, C.R. 1996. *The ecology and conservation of the Red-billed Chough*. Unpublished PhD thesis, University of Glasgow.
- McNeill, M. 1910. *Colonsay, one of the Hebrides*. David Douglas, Edinburgh.
- McWilliam, J.M. 1936. *The Birds of the Firth of Clyde*. H.F. & G. Witherby, London.
- Monaghan, P., Bignal, E., Bignal, S., Easterbee, N. & McKay, C.R. 1989a. The distribution and status of the Chough in Scotland in 1986. *Scottish Birds* 15: 114-118.
- Muirhead, G. 1889-1895. *The Birds of Berwickshire*. Two volumes. David Douglas, Edinburgh.
- Paton, E.R. & Pike, O.G. 1929. *The Birds of Ayrshire*. H.F. & G. Witherby, London.
- Reid, J.M., Bignal, E.M., Bignal, S., McCracken, D.I. & Monaghan, P. 2003. Environmental variability, life-history covariation and cohort effects in red-billed choughs *Pyrrhocorax pyrrhocorax*. *Journal of Animal Ecology* 72: 36-46.
- Reid, J.M., Bignal, E.M., Bignal, S., McCracken, D.I. & Monaghan, P. 2004. Identifying the demographic determinants of population growth rate: a case study of red-billed choughs *Pyrrhocorax pyrrhocorax*. *Journal of Animal Ecology* 73: 777-788.
- Rolfe, R. 1966. The status of the Chough in the British Isles. *Bird Study* 13: 221-236.
- Service, R. 1886. Disappearance of the Chough (*Pyrrhocorax graculus*, L.) from the Stewartry of Kircudbright. *Transactions of the Natural History Society of Glasgow* 1 (2): 117-122.
- St John, C., Buckley, T.E. & Harvie-Brown, J.A. 1884. *Short Tour in Sutherlandshire*. David Douglas, Edinburgh.
- Still, E.A. 1989. *Socio-ecology of non-breeding choughs*. Unpublished PhD thesis, University of Glasgow.
- Turnbull, W.P. 1867. *The Birds of East Lothian and a Portion of the Adjoining Counties*. 2nd Edition. Privately published, Glasgow.
- Warnes, J.M. 1983. The status of the Chough in Scotland. *Scottish Birds* 12: 238-246.
- Whyte, J. 1960. Chough in Argyll. *Scottish Birds* 1: 238.

439 Eurasian Jackdaw (17)

- Booth, C. 1995. The status of the Eurasian Jackdaw as a breeding species in Orkney. *Orkney Bird Report* 1994: 63-67.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Chesney, M.C. 1986. The effects of poisoning by alpha-chloralose on the breeding success of a colony of Jackdaws *Corvus monedula* in Perthshire. *Bird Study* 33: 196-200.
- Coombs, C.J.F. 1978. *The Crows: a study of the corvids of Europe*. B.T. Batsford, London.
- da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
- Francis, I.S. 1998. Observations at a winter Rook and Jackdaw roost in Aberdeenshire. *Scottish Birds* 19: 129-133.

- Gregory, R.D. & Marchant, J.H. 1996. Population trends of Jays, Magpies, Jackdaws and Carrion Crows in the United Kingdom. *Bird Study* 43: 28-37.
- Hamadani, H.M. 1978. *Population dispersal and reproduction of the Jackdaw Corvus monedula (L.) in North-east Scotland*. Unpublished PhD thesis, University of Aberdeen.
- Harvie-Brown, J.A. 1902c. On the avifauna of the Outer Hebrides, 1888-1902. *Annals of Scottish Natural History* 1902: 83-91, 136-151, 199-217.
- Lack, D. 1954. *The Natural Regulation of Animal Numbers*. Clarendon Press, Oxford.
- Lockie, J.D. 1955a. The breeding and feeding of Jackdaws and Rooks with notes on Carrion Crows and other corvidae. *Ibis* 97: 341-369.
- Lockie, J.D. 1956. The food and feeding behaviour of the jackdaw, rook and carrion crow. *Journal of Animal Ecology* 25: 421-428.
- Madge, S. & Burn, H. 1994. *Crows and Jays*. Christopher Helm, London.
- Murray, S. 2002b. The birds of St Kilda. *Scottish Birds* 23 (supplement): 1-64.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Sibbald, R. 1684. *Scotia Illustrata, sive Prodromus Historia Naturalis*. J. Kniblo, J. Solingensis & J. Colmarii, Edinburgh.
- Stewart, W. 1927. Studies of some Lanarkshire birds: the Jackdaw. *Scottish Naturalist* 1927: 149-156.

440 Rook (47)

- Bremner, D.M. & Macdonald, D. 1996. Decline of Sutherland rookeries. *Scottish Birds* 18: 248.
- Brenchley, A. 1984. *Regional variations in the breeding distribution of the rook in relations to different agricultural regimes within Great Britain*. Unpublished PhD thesis, University of Aberdeen.
- Brenchley, A. 1986. The breeding distribution and abundance of the Rook (*Corvus frugilegus* L.) in Great Britain since the 1920s. *Journal of Zoology, London* A210: 261-278.
- Buchan-Hepburn, G. 1794. *General View of the Agriculture and Rural Economy of East Lothian*. Edinburgh.
- Carmichael, D. 2003. Rooks in Angus and Dundee 1945, 1975, 2002. *Angus & Dundee Bird Report* 2002: 59-60.
- Castle, M.E. 1968. A survey of rookeries in Ayrshire in 1966. *Scottish Birds* 5: 196-204.
- Castle, M.E. 1977. Rookeries in Scotland - 1975. *Scottish Birds* 9: 327-334.
- Coombs, C.J.F. 1978. *The Crows: a study of the corvids of Europe*. B.T. Batsford, London.
- Dobbs, A. (ed.) 1975. *The Birds of Nottinghamshire*. David & Charles, London.
- Dott, H.E.M. 1994a. Rook flight-line across Firth of Forth. *Scottish Birds* 17: 168.
- Dunnet, G.M. & Patterson, I.J. 1968. The rook problem in north-east Scotland. In: Murton, R.K. & Wright, E.N. (eds) *The Problems of Birds as Pests* pp 119-139. Academic Press, London.
- Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
- Evans, W. 1922. Edinburgh Rookeries in 1921. *Scottish Naturalist* 1922: 9-11.
- Feare, C.J., Dunnet, G.M. & Patterson, I.J. 1974. Ecological studies of the rook (*Corvus frugilegus* L.) in north-east Scotland: food intake and feeding behaviour. *Journal of Applied Ecology* 11: 867-896.
- Fisher, J. 1948. Rook investigation. *Journal of The Ministry of Agriculture and Fisheries* 55: 20-23.
- Francis, I.S. 1998. Observations at a winter Rook and Jackdaw roost in Aberdeenshire. *Scottish Birds* 19: 129-133.
- Gimona, A. 1998. *Land use soil and climatic factors associated with the demographic fragmentation of the Rook (Corvus frugilegus L.) in Scotland*. Unpublished PhD thesis, University of Aberdeen.
- Gimona, A. & Brewer, M. 2006. Local environmental effects and spatial effects in macroecological studies using mapped abundance classes: the case of the Rook *Corvus frugilegus* in Scotland. *Journal of Animal Ecology* 75: 1140-1146.
- Grace, E.S. 1973. *Recruitment behaviour in the Rook (Corvus frugilegus L.) in the North-East Scotland*. Unpublished PhD thesis, University of Aberdeen.
- Griffin, L.R. & Thomas, C.J. 2000. The spatial distribution and size of rook (*Corvus frugilegus*) breeding colonies is affected by both the distribution of foraging habitat and by intercolony competition. *Proceedings of the Royal Society of London* B267: 1463-1467.
- Harvie-Brown, J.A. 1902c. On the avifauna of the Outer Hebrides, 1888-1902. *Annals of Scottish Natural History* 1902: 83-91, 136-151, 199-217.
- Holyoak, D. 1967. Breeding biology of the Corvidae. *Bird Study* 14: 153-168.
- Lincoln, G.A., Racey, P.A., Sharp, P.J. & Klandorf, H. 1980. Endocrine changes associated with spring and autumn sexuality of the Rook, *Corvus frugilegus*. *Journal of Zoology, London* 190: 137-153.
- Lockie, J.D. 1955a. The breeding and feeding of Jackdaws and Rooks with notes on Carrion Crows and other corvidae. *Ibis* 97: 341-369.
- Lockie, J.D. 1956. The food and feeding behaviour of the jackdaw, rook and carrion crow. *Journal of Animal Ecology* 25: 421-428.
- Lockie, J.D. 1959. The food of nestling rooks near Oxford. *British Birds* 52: 332-334.
- Macmillan, A.T. 1957. Notes on the rookeries of Greater Edinburgh with counts for 1954, 1955 and 1956. *Edinburgh Bird Bulletin* 7: 40-43.

- Madge, S. & Burn, H. 1994. *Crows and Jays*. Christopher Helm, London.
- Manyanza, D.N. 1988. *Individual and population patterns of foraging in Rooks (Corvus frugilegus L.) in North-east Scotland*. Unpublished PhD thesis, University of Aberdeen.
- Marchant, J.H. & Gregory, R.D. 1999. Numbers of nesting Rooks *Corvus frugilegus* in the United Kingdom in 1996. *Bird Study* 46: 258-273.
- McKilligan, N.G. 1980. The winter exodus of the Rook from a Scottish Highland valley. *Bird Study* 27: 93-100.
- Morgan, R., Sage, B. & Vernon, R. 1981. 1980 rookeries survey. *BTO News* 113: 6.
- Munro, J.H.B. 1970a. Scottish winter Rook roost survey. *Scottish Birds* 6: 166-168.
- Munro, J.H.B. 1970b. Notes on the rookeries in the city of Edinburgh in 1970. *Scottish Birds* 6: 169-170.
- Munro, J.H.B. 1971. Scottish winter Rook roost survey - southern Scotland. *Scottish Birds* 6: 438-443.
- Munro, J.H.B. 1975. Scottish winter Rook roost survey - central and northern Scotland. *Scottish Birds* 8: 309-314.
- Murray, R.D. 1991c. Tweeddale Rookery Survey 1990. *Borders Bird Report* 12: 72-76.
- Murray, R.D. 1999c. Peeblesshire Rookery Census 1998. *Borders Bird Report* 18: 80-88.
- Nash, J.K. 1928. The Rookeries of Greater Edinburgh and Midlothian. *Scottish Naturalist* 1928: 69-75.
- Patterson, I.J. & Grace, E.S. 1984. Recruitment of young rooks, *Corvus frugilegus*, into breeding populations. *Journal of Animal Ecology* 53: 559-572.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Sage, B.L. & Vernon, J.D.R. 1978. The 1975 national survey of rookeries. *Bird Study* 25: 64-86.
- Skilling, D., Smith, R.T. & Young, J.G. 1966. The rookeries of Dumfriesshire. *Transactions of the Dumfriesshire and Galloway Natural History and Antiquity Society* 43: 49-64.
- Venables, L.S.V. 1973. Rooks in Shetland. *Scottish Birds* 7: 406.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
- Watson, A. 1967. The Hatton Castle rookery and roost in Aberdeenshire. *Bird Study* 14: 116-119.
- Williamson, K. 1975. Birds and climatic change. *Bird Study* 22: 143-164.

441 Carrion Crow (31)

- Aitken, A.S. 1979. Carrion Crow taking Blue Tit. *Scottish Birds* 10: 182.
- Bates, D.J. 1979a. Carrion Crow opening milk bottles. *Scottish Birds* 10: 276-277.
- Bates, D.J. 1979b. Gymnastic Carrion Crow. *Scottish Birds* 10: 315-316.
- Berrow, S.D., Kelly, T.C. & Myers, A.A. 1991. Crows on estuaries: distribution and feeding behaviour of the Corvidae on four estuaries in south-west Ireland. *Irish Birds* 4: 393-412.
- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Cook, A. 1975. Changes in the Carrion/Hooded Crow hybrid zone and the possible importance of climate. *Bird Study* 22: 165-168.
- Coombs, C.J.F. 1978. *The Crows: a study of the corvids of Europe*. B.T. Batsford, London.
- da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
- Dick, D. & Stronach, A. 1999. The use, abuse and misuse of crow cage traps in Scotland: a report on behalf of the Scottish Raptor Study Groups and the RSPB. *Scottish Birds* 20: 6-13.
- Dott, H.E.M. 1994b. Densities of breeding Magpies and Carrion Crows in south-east Scotland in 1992-93. *Scottish Birds* 17: 205-211.
- Forrester, R.W. on behalf of the Scottish Birds Records Committee. 2003. Amendments to Scottish List - species and subspecies. *Scottish Bird Report* 2000: 5-9.
- Holyoak, D. 1971. Movements and mortality of Corvidae. *Bird Study* 18: 97-106.
- Knox, A.G., Collinson, M., Helbig, A.J., Parkin, D.T. & Sangster, G. 2002. Taxonomic recommendations for British birds. *Ibis* 144: 707-710.
- Lockie, J.D. 1955a. The breeding and feeding of Jackdaws and Rooks with notes on Carrion Crows and other corvidae. *Ibis* 97: 341-369.
- Lockie, J.D. 1956. The food and feeding behaviour of the jackdaw, rook and carrion crow. *Journal of Animal Ecology* 25: 421-428.
- Macdonald, D. 1965c. Increase of Carrion Crow in South East Sutherland. *Scottish Birds* 3: 366.
- MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
- Madge, S. & Burn, H. 1994. *Crows and Jays*. Christopher Helm, London.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- Pennant, T. 1789. Sketch of Caledonian Zoology. In: Lightfoot, J. (ed.) *Flora Scotica*. 2nd edition, pp 1-66. Faulder, London.
- Picozzi, N. 1975. A study of the Carrion/Hooded Crow in north-east Scotland. *British Birds* 68: 409-419.
- Picozzi, N. 1976. Hybridization of Carrion and Hooded Crows *Corvus c. corone* and *Corvus c. cornix*, in north-eastern Scotland. *Ibis* 118: 254-257.
- Picozzi, N. 1982. Change of Crow hybrid zone in Kincardineshire. *Scottish Birds* 12: 23-24.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.

- Rebecca, G.W. 1985. High density breeding and ground nesting of Carrion Crows. *Scottish Birds* 13: 188.
- Richner, H. 1989. Habitat-specific growth and fitness in carrion crows (*Corvus corone corone*). *Journal of Animal Ecology* 58: 427-440.
- Richner, H. 1990. Helpers-at-the-nest in Carrion Crows *Corvus corone corone*. *Ibis* 132: 105-108.
- Sibbald, R. 1684. *Scotia Illustrata, sive Prodromus Historia Naturalis*. J. Kniblo, J. Solingensis & J. Colmarii, Edinburgh.
- Tapper, S.C. 1992. *Game Heritage: an ecological review from shooting and game keeping records*. The Game Conservancy, Fordingbridge.
- Watson, A. 1996. Human induced increases of Carrion Crow and gulls on Cairngorm plateaux. *Scottish Birds* 18: 205-213.
- Young, J.G. 1995. Carrion Crows roosting on ground with Black-headed Gulls. *Scottish Birds* 18: 121.

442 Hooded Crow (27)

- Cook, A. 1975. Changes in the Carrion/Hooded Crow hybrid zone and the possible importance of climate. *Bird Study* 22: 165-168.
- Cook, M. 1992. *The Birds of Moray and Nairn*. The Mercat Press, Edinburgh.
- Coombs, C.J.F. 1978. *The Crows: a study of the corvids of Europe*. B.T. Batsford, London.
- Cunningham, P. 1990. *The Birds of the Outer Hebrides: a guide to their status and distribution*. Updated Edition. The Mercat Press, Edinburgh.
- Forrester, R.W. on behalf of the Scottish Birds Records Committee. 2003. Amendments to Scottish List - species and subspecies. *Scottish Bird Report* 2000: 5-9.
- Hewson, R. 2002. Scavenging by birds upon Salmon carcasses during the spawning season. *Scottish Birds* 23: 27-31.
- Hewson, R. & Leitch, A.F. 1982. The spacing and density of Hooded Crow nests in Argyll (Strathclyde). *Bird Study* 29: 235-238.
- Hewson, R. & Talbot, T.R. 1994. Factors affecting nesting success of Hooded Crows in west and north-west Scotland. *Scottish Naturalist* 1994: 31-38.
- Holyoak, D. 1967. Breeding biology of the Corvidae. *Bird Study* 14: 153-168.
- Houston, D. 1977. The effect of hooded crows on hill sheep farming in Argyll, Scotland: the food supply of hooded crows. *Journal of Applied Ecology* 14: 1-15.
- Huxley, J. 1963. *Evolution, the Modern Synthesis*. Allen & Unwin, London.
- Knox, A.G., Collinson, M., Helbig, A.J., Parkin, D.T. & Sangster, G. 2002. Taxonomic recommendations for British birds. *Ibis* 144: 707-710.
- Macdonald, D. 1965c. Increase of Carrion Crow in South East Sutherland. *Scottish Birds* 3: 366.
- Madge, S. & Burn, H. 1994. *Crows and Jays*. Christopher Helm, London.
- Marchant, J.H., Hudson, R., Carter, S.P. & Whittington, P. 1990. *Population Trends in British Breeding Birds*. BTO/JNCC, Tring.
- Mead, C. 2000. *The State of the Nation's Birds*. Whittet Books, Stowmarket.
- Mills, D.H. 1960. Hooded Crow and Red-necked Grebe as predators of salmon. *Scottish Birds* 1: 286.
- Murray, S. 2002b. The birds of St Kilda. *Scottish Birds* 23 (supplement): 1-64.
- Pennant, T. 1789. Sketch of Caledonian Zoology. In: Lightfoot, J. (ed.) *Flora Scotica*. 2nd edition, pp 1-66. Faulder, London.
- Picozzi, N. 1975. A study of the Carrion/Hooded Crow in north-east Scotland. *British Birds* 68: 409-419.
- Picozzi, N. 1982. Change of Crow hybrid zone in Kincardineshire. *Scottish Birds* 12: 23-24.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Smout, A.-M. 1986. *The Birds of Fife: an outline of their status and distribution*. John Donald, Edinburgh.
- Stenhouse, J.H. 1925b. Mixed plumages in a brood of hybrid crows. *Scottish Naturalist* 1925: 101-105.
- Stewart, W. 1928a. Studies of some Lanarkshire birds: the Hooded Crow, the Chough and the Magpie. *Scottish Naturalist* 1928: 41.
- Stewart, W. 1938. Bird notes from Upper Loch Fyne. *Scottish Naturalist* 1938: 81.
- Tapper, S.C. 1992. *Game Heritage: an ecological review from shooting and game keeping records*. The Game Conservancy, Fordingbridge.

443 Common Raven (23)

- Booth, C. 2004. Tree-nesting by Common Ravens in Orkney. *Orkney Bird Report* 2003: 79-80.
- Booth, C.J. 1979. A study of Ravens in Orkney. *Scottish Birds* 10: 261-267.
- Booth, C.J. 1986. The breeding success of Ravens on Mainland Orkney 1983-1985. *Orkney Bird Report* 1985: 59-62.
- Booth, C.J. 1996. Ravens nesting on buildings in Orkney. *Scottish Birds* 18: 159-164.
- Booth, C.J. 2001. The numbers of pairs and breeding success of Common Ravens on Mainland, Orkney 1983-2000. *Scottish Birds* 22: 66-67.
- Cross, A.V. 1995. Colour-marked Ravens. *BTO News* 196: 20.

- Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
- Ellis, P.M., Okill, J.D., Petrie, G.W. & Suddaby, D. 1994b. The breeding performance of Ravens from a sample of nesting territories in Shetland during 1984-1993. *Scottish Birds* 17: 212-222.
- Ewins, P.J., Dymond, J.N. & Marquiss, M. 1986. The distribution, breeding and diet of Ravens *Corvus corax* in Shetland. *Bird Study* 33: 110-116.
- Madders, M. & Leckie, F.M. 1999. Raven population size and distribution on the Isle of Islay in winter. *Scottish Birds* 20: 49-62.
- Madge, S. & Burn, H. 1994. *Crows and Jays*. Christopher Helm, London.
- Marquiss, M. & Booth, C.J. 1986. The diet of Ravens *Corvus corax* in Orkney. *Bird Study* 33: 190-195.
- Marquiss, M., Newton, I. & Ratcliffe, D.A. 1978. The decline of the raven, *Corvus corax*, in relation to afforestation in southern Scotland and northern England. *Journal of Applied Ecology* 15: 129-144.
- Mattingley, W.A. 1995. Winter diet of Ravens in Perthshire. *Scottish Birds* 18: 71-77.
- Mearns, R. 1983. The status of the Raven in southern Scotland and Northumbria. *Scottish Birds* 12: 211-218.
- Mearns, R. & Mearns, B. 1989. Successful autumn nesting of Raven. *Scottish Birds* 15: 179.
- Mitchell, J. 1981. The decline of the Raven as a breeding species in central Scotland. *Forth Naturalist and Historian* 6: 34-42.
- Ratcliffe, D. 1997. *The Raven*. T. & A.D. Poyser, Calton.
- Ratcliffe, D.A. 1970. Changes attributable to pesticides in egg breakage frequency and egg shell thickness in some British birds. *Journal of Applied Ecology* 7: 67-115.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Scottish Raptor Monitoring Group (SRMG). 2005. *Scottish Raptor Monitoring Group Report 2003*. Scottish Ornithologists' Club, Edinburgh.
- Sibbald, R. 1684. *Scotia Illustrata, sive Prodromus Historia Naturalis*. J. Kniblo, J. Solingensis & J. Colmarii, Edinburgh.
- Weir, D.N. 1978a. Effects of poisoning on Raven and raptor populations. *Scottish Birds* 10: 31.

444 Common Starling (16)

- Anderson, A. 1961. The breeding of the Starling in Aberdeenshire. *Scottish Naturalist* 1961: 60-74.
- Berry, R.J. & Johnston, J.L. 1980. *The Natural History of Shetland*. Collins, Glasgow.
- Brodie, J. 1974. Evening assembly of Starlings at a winter roost. *Scottish Birds* 8: 63-71.
- Clark, H. & Sellers, R.M. 2004. Origins and movements of Common Starlings wintering in the Highlands. *Scottish Birds* 24 (2): 29-42.
- Cunningham, P. 1983a. *The Birds of the Outer Hebrides: a guide to their status and distribution*. The Melvern Press, Perth.
- Feare, C.J. 1984. *The Starling*. Oxford University Press, Oxford.
- Feare, C.J. & Burham, S.E. 1978. Lack of nest site tenacity and mate fidelity in the Starling. *Bird Study* 25: 189-191.
- Feare, C.J. & Craig, A. 1998. *Starlings and Mynas*. Christopher Helm, London.
- Gregory, R.D., Noble, D.G., Cranswick, P.A., Campbell, L.H., Rehfisch, M.M. & Baillie, S.R. 2001. *The State of the UK's Birds 2000*. RSPB, BTO and WWT, Sandy.
- Harvey, P.V. 2003. The Shetland Breeding Bird Survey 2002 and an estimate of the population size of some of Shetland's commoner breeding birds. *Shetland Bird Report* 2002: 108-110.
- Harvie-Brown, J.A. 1895. The Starling in Scotland, its increase and distribution. *Annals of Scottish Natural History* 1895: 2-22.
- McGowan, R.Y., Clugston, D.L., Forrester, R.W. on behalf of the Scottish Birds Records Committee. 2003. Scotland's endemic subspecies. *Scottish Birds* 24 (1): 18-35.
- Potts, G.R. 1967. Urban Starling roosts in the British Isles. *Bird Study* 14: 25-42.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Stone, B.H., Sears, J., Cranswick, P.A., Gregory, R.D., Gibbons, D.W., Rehfisch, M.M., Aebscher, N.J. & Reid, J.B. 1997. Population estimates of birds in Britain and in the United Kingdom. *British Birds* 90: 1-22.
- Vickery, J.A., Tallowin, J.R., Feber, R.E., Asteraki, E.J., Atkinson, P.W., Fuller, R.J. & Brown, V.K. 2001. The management of lowland neutral grasslands in Britain: effects of agricultural practices on birds and their food resources. *Journal of Applied Ecology* 38: 647-664.

445 Rosy Starling (21)

- Anon. 1961b. Rose-coloured Starling in Shetland. *Scottish Birds* 1: 380.
- Cottridge, D. & Vinicombe, K.E. 1996. *Rare Birds in Britain and Ireland: a photographic record*. HarperCollins/Birding World, London.
- Coutts, D. 1967a. Rose-coloured Starling in Shetland. *Scottish Birds* 4: 379.
- Drummond-Hay, H.M. 1879-80. Notes on the birds of the basin of the Tay and its tributaries. *Scottish Naturalist* 5: 56-

- 62, 105-115, 241-255, 295-309, 337-346.
- Feare, C.J. & Craig, A. 1998. *Starlings and Mynas*. Christopher Helm, London.
- Gilroy, J.J. & Lees, A.C. 2003. Vagrancy theories: are autumn vagrants really reverse migrants? *British Birds* 96: 427-438.
- Gorman, G. 1994. The Rose-coloured Starling invasion, and breeding in Hungary. *Birding World* 7: 316-319.
- Harvie-Brown, J.A. 1906a. *A Fauna of the Tay Basin and Strathmore*. David Douglas, Edinburgh.
- Logan-Home, W.M., Forsyth, T. & Campbell, L.H. 1969. Rose-coloured Starlings in Berwickshire, East Lothian and the Outer Hebrides. *Scottish Birds* 5: 292.
- McKinna, M. 1958. Rose-coloured Starling in Wigtownshire. *Scottish Birds* 1: 43-44.
- Murray, R. 1986. *The Birds of the Borders*. Scottish Ornithologists' Club, Borders Branch, Penicuik.
- Nyagolov, K., Profirov, L., Michev, T. & Dimitrov, M. 2003. Observations on breeding Rosy Starlings in Bulgaria. *British Birds* 96: 242-246.
- Pickford, R.W. 1961. Rose-coloured Starling in Dunbartonshire. *Scottish Birds* 1: 456-457.
- Robertson, W. 1907. Rose-coloured Pastors in Foula. *Annals of Scottish Natural History* 1907: 51.
- Sim, G. 1903. *The Vertebrate Fauna of 'Dee'*. Wyllie, Aberdeen.
- Sutton, R.A.L. 1969. Rose-coloured Starling on Iona. *Scottish Birds* 5: 398-399.
- Szabo-Szeley, L. 2003. Rose-coloured Starlings breeding in Romania. *Birding World* 16: 327-330.
- Tizzard, P. 1972. Rose-coloured Starling in Sutherland. *Scottish Birds* 7: 97.
- Weir, R.S. 1962. Rose-coloured Starling in Fife. *Scottish Birds* 2: 251.
- Wilson, J. 1930. Saharan Desert Wheatear and Ros-coloured Pastor at Fair Isle. *Scottish Naturalist* 1930: 8.
- Winnall, R.N. 1960. Rose-coloured Starling in Shetland. *Scottish Birds* 1: 193.

446 House Sparrow (27)

- Andrews, I.J. 1986a. *The Birds of the Lothians*. Scottish Ornithologists' Club, Edinburgh Branch, Edinburgh.
- Churcher, P.B. & Lawton, J.H. 1987. Predation by domestic cats in an English village. *Journal of Zoology, London* 212: 439-455.
- Clement, P., Harris, A. & Davis, J. 1993. *Finches & Sparrows: an identification guide*. Christopher Helm, London.
- Crick, H.Q.P., Robinson, R.A., Appleton, G.F., Clark, N.A. & Rickard, A.D. 2002. *Investigation into the causes of the decline of starlings and house sparrows in Great Britain*. BTO Research Report 290. BTO, Thetford.
- da Prato, S.R.D. 1989. The breeding birds of some built-up areas in south-east Scotland. *Scottish Birds* 15: 170-177.
- Dott, H.E.M. 1986. The spread of the House Sparrow *Passer domesticus* in Bolivia. *Ibis* 128: 132-137.
- Dott, H.E.M. 2006a. House Sparrow nesting in sites other than buildings in Scotland. *Scottish Birds* 26: 47-49.
- Dott, H.E.M. & Brown, A.W. 2000. A major decline in House Sparrows in central Edinburgh. *Scottish Birds* 21: 61-68.
- Eggeling, W.J. 1960a. *The Isle of May: a Scottish nature reserve*. Oliver & Boyd, Edinburgh & London.
- Eggeling, W.J. 1974. The birds of the Isle of May - a revised assessment of status. *Scottish Birds* 8 (supplement): 93-148.
- Elder, H.F.D. 1949. The appearance and disappearance of the House-Sparrow as a breeding species on the Isle of May. *Scottish Naturalist* 1949: 101-103.
- Gregory, R.D., Noble, D.G., Cranswick, P.A., Campbell, L.H., Rehfisch, M.M. & Baillie, S.R. 2001. *The State of the UK's Birds 2000*. RSPB, BTO and WWT, Sandy.
- Gregory, R.D., Wilkinson, N.I., Noble, D.G., Robinson, J.A., Brown, A.F., Hughes, J., Procter, D., Gibbons, D.W. & Galbraith, C.A. 2002. The population status of birds in the United Kingdom, Channel Islands and Isle of Man: an analysis of conservation concern 2002-2007. *British Birds* 95: 410-448.
- Heij, C.J. & Moeliker, C.W. 1990. Population dynamics of Dutch House Sparrows in urban, suburban and rural habitats. In: Pinowski, J. & Summers-Smith, J.D. (eds) *Granivorous Birds in the Agricultural Landscape*. pp 59-86. PWN - Polish Scientific Publishers, Warsaw.
- Hole, D.G., Whittingham, M.J., Bradbury, R.B., Anderson, G.Q.A., Lee, P.L.M., Wilson, J.D. & Krebs, J.R. 2002. Widespread local house-sparrow extinctions. *Nature* 418: 931-932.
- Munro, I. 1988. *The Birds of the Pentland Hills*. Scottish Academic Press, Edinburgh.
- Murray, S. 2002b. The birds of St Kilda. *Scottish Birds* 23 (supplement): 1-64.
- Newson, S.E., Woodburn, R.J.W., Noble, D.G., Baillie, S.R. & Gregory, R.D. 2005b. Evaluating the Breeding Bird Survey for producing national population size and density estimates. *Bird Study* 52: 42-54.
- Palmer, P. 2004b. The decline of the House Sparrow: is PVC to blame? *British Birds* 97: 146.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2002. *The Breeding Bird Survey 2001*. BTO Research Report 295. BTO, Thetford.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Stone, B.H., Sears, J., Cranswick, P.A., Gregory, R.D., Gibbons, D.W., Rehfisch, M.M., Aebsicher, N.J. & Reid, J.B. 1997. Population estimates of birds in Britain and in the United Kingdom. *British Birds* 90: 1-22.
- Summers-Smith, J.D. 1963. *The House Sparrow*. Collins, London.
- Summers-Smith, J.D. 1988. *The Sparrows*. T. & A.D. Poyser, Calton.
- Summers-Smith, J.D. 1999. Current status of the House Sparrow in Britain. *British Wildlife* August: 1999 1381-1386.

- Summers-Smith, J.D. 2003. The decline of the House Sparrow: a review. *British Birds* 96: 439-446.
 Woods, M., McDonald, R.A. & Harris, S. 2003. Predation of wildlife by domestic cats *Felis catus* in Great Britain. *Mammal Review* 33: 174-188.

447 Spanish Sparrow (3)

- Clement, P., Harris, A. & Davis, J. 1993. *Finches & Sparrows: an identification guide*. Christopher Helm, London.
 Duncan, A., Stansfield, S. & Reid, J. 1993. The Spanish Sparrow in Orkney. *Birding World* 6: 309-311.
 van den Berg, A.B. & Bosman, C.A.W. 2001. *Rare Birds of the Netherlands*. Pica Press, Robertsbridge.

448 Eurasian Tree Sparrow (23)

- Anderson, G.Q.A., Gruar, D.J., Wilkinson, N.I. & Field, R.H. 2002. Tree Sparrow *Passer montanus* chick diet and productivity in an expanding colony. *Aspects of Applied Biology* 67: 35-42.
 Anon. 2004b. Tree Sparrow Conservation Network (TSCN) Newsletter 2004.
 Benton, T.G., Vickery, J. & Wilson, J.D. 2003. Farmland biodiversity: is habitat heterogeneity the key? *Trends in Evolution and Ecology* 18: 182-188.
 Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
 Calladine, J., Robertson, D. & Wernham, C. 2003. *The movements of some granivorous passerines in winter on farmland: a pilot study*. BTO Research Report 327. BTO, Stirling.
 Clement, P., Harris, A. & Davis, J. 1993. *Finches & Sparrows: an identification guide*. Christopher Helm, London.
 Dennis, R. 1995a. *The Birds of Badenoch and Strathspey*. 2nd Edition. Colin Baxter Photography, Grantown-on-Spey.
 Field, R.H. & Anderson, G.Q.A. 2004. Habitat use by breeding Tree Sparrows *Passer montanus*. *Ibis* 146 (supplement 2): 60-68.
 Ginn, H.B. & Melville, D.S. 1983. *Moult in Birds*. BTO Guide 19. BTO, Tring.
 Hancock, M.H. & Wilson, J.D. 2003. Winter habitat associations of seed-eating passerines on Scottish farmland. *Bird Study* 50: 116-130.
 Holling, M. 2004. Tree Sparrow survey 1998-1999. *Lothian Bird Report* 2003: 102-110.
 Holling, M. in press. Tree Sparrow survey 1998-1999. *Borders Bird Report* 23.
 Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
 Murray, S. 2002b. The birds of St Kilda. *Scottish Birds* 23 (supplement): 1-64.
 Pennie, I.D. 1962b. Tree Sparrows in north Sutherland. *Scottish Birds* 2: 39.
 Pinowski, J. & Pinowska, B. 1985. The effect of the snow cover on the Tree Sparrow *Passer montanus* survival. *The Ring* 124-125: 51-56.
 Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
 Sibbald, R. 1684. *Scotia Illustrata, sive Prodromus Historia Naturalis*. J. Kniblo, J. Solingensis & J. Colmarii, Edinburgh.
 Summers-Smith, J.D. 1989. A history of the status of the Tree Sparrow *Passer montanus* in the British Isles. *Bird Study* 36: 23-31.
 Summers-Smith, J.D. 1995. *The Tree Sparrow*. J. D. Summers-Smith, Guisborough.
 Urquhart, L.A. 1958b. Tree Sparrows nesting in Ayrshire. *Scottish Birds* 1: 45.
 Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.
 Waters, W.E. 1963. Tree Sparrows breeding on St Kilda. *Scottish Birds* 2: 310-311.

449 Red-eyed Vireo (6)

- British Ornithologists' Union (BOU). 1971. *The Status of Birds in Britain and Ireland*. Blackwell Scientific Publications, Oxford.
 British Ornithologists' Union (BOU). 1992a. *Checklist of Birds of Britain and Ireland*. 6th Edition. Helm Information Ltd, London.
 Garratt, D. 1992. Red-eyed Vireo at East Barns. *Lothian Bird Report* 1991: 111-112.
 Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.
 Oksien, M. 2003. The Red-eyed Vireo on Barra, 5th-7th October 2003. *Birding Scotland* 6: 185-187.
 van den Berg, A.B. & Bosman, C.A.W. 2001. *Rare Birds of the Netherlands*. Pica Press, Robertsbridge.

450 Chaffinch (9)

- Clement, P., Harris, A. & Davis, J. 1993. *Finches & Sparrows: an identification guide*. Christopher Helm, London.
 Deelder, C.L. 1949. On the autumn migration of the Scandinavian Chaffinch (*Fringilla c. coelebs* L.). *Ardea* 37: 1-88.
 Marler, P. 1956. Behaviour of the Chaffinch. *Behaviour* 5 (supplement): 1-184.
 Moss, D. 1978b. Song-bird populations in forestry plantations. *Quarterly Journal of Forestry* 75: 5-14.

- Moss, D., Taylor, P.N. & Easterbee, N. 1979a. The effects on song-bird populations of upland afforestation with spruce. *Forestry* 52: 129-150.
- Newton, I. 1967. The adaptive radiation and feeding ecology of some British finches. *Ibis* 109: 33-98.
- Newton, I. 1968. The moulting seasons of some finches and buntings. *Bird Study* 15: 84-92.
- Newton, I. 1972a. *Finches*. Collins, London.
- Swann, R.L. 1988. Are all large Chaffinch flocks composed of continentals? *Ringing & Migration* 9: 1-4.

451 Brambling (22)

- Batten, L.A., Bibby, C.J., Clement, P., Elliott, G.D. & Porter, R.F. 1990. *Red Data Birds in Britain: action for rare, threatened and important species*. T. & A.D. Poyser, London.
- Booth, E.T. 1877. Nesting of the Brambling in Perthshire. *Zoologist* 1877: 60.
- Browne, S.J. & Mead, C.J. 2003. Age and sex composition, biometrics, site fidelity and origin of Brambling *Fringilla montifringilla* wintering in Norfolk, England. *Ringing & Migration* 21: 145-153.
- Buckland, S.T. & Knox, A.G. 1980. Brambling breeding in Scotland. *British Birds* 73: 360-361.
- Bucknall, R.H. 1983. Successful breeding of Brambling in Inverness-shire. *Scottish Birds* 12: 191-193.
- Clement, P., Harris, A. & Davis, J. 1993. *Finches & Sparrows: an identification guide*. Christopher Helm, London.
- Ericksson, K. 1970. Wintering and autumn migration ecology of the brambling *Fringilia montifringilla*. *Sterna* 9: 77-90.
- Hereward, A.C. 1977. The exceptional flocking of Bramblings and Chaffinches in Seaton Park, Aberdeen. *North-East Scotland Bird Report* 1976: 8-9.
- Hodgkin, C. & Hodgkin, T.E. 1920. The breeding of the Brambling in Scotland. *Scottish Naturalist* 1920: 181-182.
- Hogstad, O. 2000. Fluctuation of a breeding population of the Brambling *Fringilla montifringilla* during 33 years in a subalpine birch forest. *Ornis Fennica* 77: 97-103.
- Jenni, L. 1987. Mass concentrations of Bramblings *Fringilla montifringilla* in Europe 1900-1983, their dependence upon beech mast and the effect of snow cover. *Ornis Scandinavica* 18: 84-94.
- Jenni, L. & Neuschultz, F. 1985. Die Masseneinflüge von Bergfinken *Fringilla montifringilla* 1977/78 und 1982/83 in der Schweiz: Abhängigkeit von der Schneedecke und vom Nahrungsangebot. *Ornithologischer Beobachter* 82: 85-106.
- Jourdain, F.C.R. 1921. Breeding of the Brambling in Scotland. *British Birds* 14: 211-212.
- Lindström, Å. 1987. Breeding nomadism and site tenacity in the Brambling *Fringilla montifringilla*. *Ornis Fennica* 64: 50-56.
- Lindström, Å., Enemar, A., Andersson, G., von Proschwitz, T. & Nyholm, N.E.I. 2005. Density-dependent reproductive output in relation to a drastically varying food supply: getting the density measure right. *Oikos* 110: 155-163.
- McGhie, H.A. & Moran, S.A. 1996. Probable first breeding record of Brambling in Britain represented in a museum collection. *Scottish Birds* 18: 248-249.
- Mikkonen, A.V. 1983. Breeding site tenacity of the Chaffinch *Fringilla coelebs* and the Brambling *F. montifringilla* in northern Finland. *Ornis Scandinavica* 14: 36-47.
- Newton, I. 1972a. *Finches*. Collins, London.
- Pennant, T. 1789. Sketch of Caledonian Zoology. In: Lightfoot, J. (ed.) *Flora Scotica*. 2nd edition, pp 1-66. Faulder, London.
- Silvola, T. 1967. Changes in the bird populations in Utsjoki, Finnish Lapland in 1964-1966, caused by the mass-occurrence of the caterpillar *Oporinia autumnata*. *Ornis Fennica* 44: 65-67.
- SOVON. 1987. *Atlas van de Nederlandse vogels*. SOVON, Arnhem.
- Udvardy, M.D.F. 1956. Observations on the habitat and territory of the Chaffinch, *Fringilla coelebs* L. in Swedish Lapland. *Arkiv für Zoologi* 9: 499-505.

452 European Serin (8)

- Clarke, W.E. 1915c. Notes on the migratory birds observed at Fair Isle in 1914. *Scottish Naturalist* 1915: 101-105.
- Clement, P., Harris, A. & Davis, J. 1993. *Finches & Sparrows: an identification guide*. Christopher Helm, London.
- Duthie, R. 1969. Serin in Shetland. *Scottish Birds* 5: 399.
- Fraser, P.A. & Rogers, M.J. 2002. Report on scarce migrant birds in Britain in 2000. *British Birds* 95: 606-630.
- McGuigan, C. 1998. Serin at St Abb's Head, Borders, 29th May 1998. *Birding Scotland* 1: 122-123.
- Pennington, M.G. 2005a. Serin at Baltasound: 2nd for SBC area, 5th Shetland record. *Shetland Bird Report* 2004: 112-113.
- Smith, M. 2002. Serin on Fetlar second for SBC area; fifth Shetland record. *Shetland Bird Report* 2001: 97.
- Wild, O.H. 1912. Serin Finch (*Serinus serinus*) in Midlothian. *Scottish Naturalist* 1912: 11.

453 European Greenfinch (9)

- Clancey, P.A. 1940. Notes on some birds from Scotland. *Ibis* 1940: 91-99.
- Clement, P., Harris, A. & Davis, J. 1993. *Finches & Sparrows: an identification guide*. Christopher Helm, London.

- da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
- da Prato, S.R.D. 1989. The breeding birds of some built-up areas in south-east Scotland. *Scottish Birds* 15: 170-177.
- Dickinson, B.H.B. & Dobinson, H.M. 1969. A study of a Greenfinch roost. *Bird Study* 16: 135-146.
- Duncan, R. 1996. Movements of Greenfinches in Grampian. Part Two: the Norwegian story. *Grampian Ringing Group Report* 8: 39-47.
- Newton, I. 1967. The adaptive radiation and feeding ecology of some British finches. *Ibis* 109: 33-98.
- Newton, I. 1972a. *Finches*. Collins, London.
- Swallow, J. 1989. Movements of Greenfinches in Grampian 1972-89. *Grampian Ringing Group Report* 6: 58-64.

454 European Goldfinch (12)

- Clement, P., Harris, A. & Davis, J. 1993. *Finches & Sparrows: an identification guide*. Christopher Helm, London.
- Collinson, M. 2003. Goldfinches in gardens. *Scottish Bird News* 67: 1-2.
- Dennis, R. 1995a. *The Birds of Badenoch and Strathspey*. 2nd Edition. Colin Baxter Photography, Grantown-on-Spey.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- McMillan, R.L. 2005. *Skye Birds: an illustrated guide to the birds of Skye*. Skye-birds.com, Elgol.
- Newton, I. 1967. The adaptive radiation and feeding ecology of some British finches. *Ibis* 109: 33-98.
- Newton, I. 1968. The moulting seasons of some finches and buntings. *Bird Study* 15: 84-92.
- Newton, I. 1972a. *Finches*. Collins, London.
- Robertson, D.G. 1999. The structure of a Goldfinch (*Carduelis carduelis*) flock in winter. *Tay Ringing Group Report* 1996-97: 4-7.
- Sibbald, R. 1684. *Scotia Illustrata, sive Prodromus Historia Naturalis*. J. Kniblo, J. Solingensis & J. Colmarii, Edinburgh.
- Stroud, D.A. (ed.) 1989. *The Birds of Coll and Tiree: status, habitats and conservation*. NCC/SOC, Edinburgh.
- Vittery, A. 1997a. *The Birds of Sutherland*. Colin Baxter Photography, Grantown-on-Spey.

455 Eurasian Siskin (13)

- Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
- Gibbons, D.W. & Gates, S. 1992. Hypothesis testing with ornithological atlas data two case studies. In: *Proceedings 12th International Conference of IBCC and EOAC, The Netherlands*. pp 39-47.
- MacKinnon, J. & Phillipps, K. 2000. *A Field Guide to the Birds of China*. Oxford University Press, Oxford.
- McGhie, H. 2002. Numbers of Siskins in relation to the size of the Scots Pine cone crop. *Scottish Birds* 23: 32-35.
- McKenzie, A., Petty, S.J., Toms, M.P. & Furness, R.W. 2007. The importance of Sitka Spruce *Picea sitchensis* seed and garden bird feeders for Siskins *Carduelis spinus* and Coal Tits *Parus ater*. *Bird Study* 54.
- Moss, D. 1979. Even-aged plantations as a habitat for birds. In: Ford, E.D., Malcolm, D.C. & Atterson, J. (eds) *The Ecology of Even-aged Forest Plantations. Proceedings of the meeting of Division I, International Union of Forestry Research Organisations, Edinburgh, September, 1978* pp 413-427. Institute of Terrestrial Ecology, Cambridge.
- Nethersole-Thompson, D. 1971. *Highland Birds*. Highlands & Islands Development Board, Inverness.
- Nethersole-Thompson, D. & Watson, A. 1974. *The Cairngorms: their natural history and scenery*. Collins, London.
- Patterson, I.J., Ollason, J.G. & Doyle, P. 1995. Bird populations in upland spruce plantations in northern Britain. *Forest Ecology and Management* 79: 107-131.
- Petty, S.J., Patterson, I.J., Anderson, D.I.K., Little, B. & Davison, M. 1995. Numbers, breeding performance, and diet of the sparrowhawk *Accipiter nisus* and merlin *Falco columbarius* in relation to cone crops and seed-eating finches. *Forest Ecology and Management* 79: 133-146.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Shaw, G. 1990. Timing and fidelity of breeding for Siskins *Carduelis spinus* in Scottish conifer plantations. *Bird Study* 37: 30-35.
- Spencer, R. & Gush, G.H. 1973. Siskins feeding in gardens. *British Birds* 66: 91-99.

456 Common Linnet (13)

- Clancey, P.A. 1946. Two new races of *Acanthis cannabina* (Linnaeus) from the Western Palearctic region. *Bulletin of the British Ornithologists' Club* 66: 83-85.
- Clement, P., Harris, A. & Davis, J. 1993. *Finches & Sparrows: an identification guide*. Christopher Helm, London.
- Department for Environment Food and Rural Affairs (DEFRA). 2004. *Countryside Survey 2000*.
- Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
- Eggeling, W.J. 1974. The birds of the Isle of May - a revised assessment of status. *Scottish Birds* 8 (supplement): 93-148.
- MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
- McGowan, R.Y., Clugston, D.L., Forrester, R.W. on behalf of the Scottish Birds Records Committee. 2003. Scotland's

- endemic subspecies. *Scottish Birds* 24 (1): 18-35.
- Moorcroft, D., Bradbury, R.B. & Wilson, J.D. 1997. The diet of nestling Linnets *Carduelis cannabina* before and after agricultural intensification. In: *Brighton Crop Protection Conference - Weeds 1997*. pp 969-972. British Crop Protection Council, Farnham.
- Newton, I. 1967. The adaptive radiation and feeding ecology of some British finches. *Ibis* 109: 33-98.
- Newton, I. 1972a. *Finches*. Collins, London.
- Newton, I. 1986. *The Sparrowhawk*. T. & A.D. Poyser, Calton.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2004. *The Breeding Bird Survey 2003*. BTO Research Report 363. BTO, Thetford.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Pennant, T. 1789. Sketch of Caledonian Zoology. In: Lightfoot, J. (ed.) *Flora Scotica*. 2nd edition, pp 1-66. Faulder, London.
- Sibbald, R. 1684. *Scotia Illustrata, sive Prodromus Historia Naturalis*. J. Kniblo, J. Solingensis & J. Colmarii, Edinburgh.
- Siriwardena, G.M., Baillie, S.R. & Wilson, J.D. 1999. Temporal variation in the annual survival rates of six granivorous birds with contrasting population trends. *Ibis* 141: 621-636.
- Siriwardena, G.M., Baillie, S.R., Crick, H.Q.P. & Wilson, J.D. 2000. The importance of variation in the breeding performance of seed-eating birds in determining their population trends on farmland. *Journal of Applied Ecology* 37: 128-148.

457 Twite (25)

- Balfour, E. 1968b. Breeding birds of Orkney. *Scottish Birds* 5: 89-104.
- Batten, L.A., Bibby, C.J., Clement, P., Elliott, G.D. & Porter, R.F. 1990. *Red Data Birds in Britain: action for rare, threatened and important species*. T. & A.D. Poyser, London.
- Bernhoft-Osa, A. 1965. Om bergiriksens (*Carduelis flavirostris*) trekk. *Særtrykk av Stavanger Museums Årbok* 35: 109-117.
- Brown, A.F., Crick, H.Q.P. & Stillman, R.A. 1995. The distribution, numbers and breeding ecology of Twite *Acanthis flavirostris* in the south Pennines of England. *Bird Study* 42: 107-121.
- Brown, A.F. & Stillman, R.A. 1993. Bird-habitat associations in the eastern Highlands of Scotland. *Journal of Applied Ecology* 30: 31-42.
- Clark, H. & Sellers, R.M. 1997. Distribution and abundance of Twites wintering in Caithness. *Scottish Birds* 19: 1-9.
- Clark, H. & Sellers, R.M. 1998a. Winter habitats of Twites in Scotland. *Scottish Birds* 19: 262-269.
- Clark, H. & Sellers, R.M. 1998b. Movements of Twites in Scotland. *Scottish Birds* 19: 270-279.
- Clark, H. & Sellers, R.M. 1999. A further survey of Twites wintering in Caithness. *Scottish Birds* 20: 35-37.
- Clement, P., Harris, A. & Davis, J. 1993. *Finches & Sparrows: an identification guide*. Christopher Helm, London.
- Davies, M. 1988b. The importance of Britain's Twite. *RSPB Conservation Review* 2: 91-94.
- Gibbons, D.W., Avery, M.I. & Brown, A.F. 1996a. Population trends of breeding birds in the United Kingdom since 1800. *British Birds* 89: 291-305.
- Gregory, R.D., Wilkinson, N.I., Noble, D.G., Robinson, J.A., Brown, A.F., Hughes, J., Procter, D., Gibbons, D.W. & Galbraith, C.A. 2002. The population status of birds in the United Kingdom, Channel Islands and Isle of Man: an analysis of conservation concern 2002-2007. *British Birds* 95: 410-448.
- Hancock, M.H. & Wilson, J.D. 2003. Winter habitat associations of seed-eating passerines on Scottish farmland. *Bird Study* 50: 116-130.
- Harvie-Brown, J.A. & Buckley, T.E. 1888. *A Vertebrate Fauna of the Outer Hebrides*. David Douglas, Edinburgh.
- Langston, R.H.W., Smith, T., Brown, A.F. & Gregory, R.D. 2006. The status of breeding Twite *Carduelis flavirostris* in the UK. *Bird Study* 53: 55-63.
- Lea, D. & Bourne, W.R.P. 1975. The birds of Orkney. *British Birds* 68: 261-283.
- Marler, P. & Mundinger, P.C. 1975. Vocalizations, social organization and breeding biology of the Twite *Acanthus flavirostris*. *Ibis* 117: 1-17.
- McGhie, H.A., Brown, A.F., Reed, S. & Bates, S.M. 1994. *Aspects of the breeding ecology of the Twite in the South Pennines*. Research report 118. English Nature, Peterborough.
- Newton, I. 1972a. *Finches*. Collins, London.
- Orford, N. 1973. Breeding distribution of the Twite in Central Britain. *Bird Study* 20: 51-62.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2003. *The Breeding Bird Survey 1998 [check public year, 2003 seems odd?? and rept no??]*. BTO Research Report 8. BTO, Thetford.
- Reed, S. 1995. Factors limiting the distribution and population size of Twite (*Carduelis flavirostris*) in the Pennines. *Naturalist* 120: 93-102.
- Saxby, H.L. 1874. *The Birds of Shetland*. Maclachlan & Stewart, Edinburgh.
- Williamson, K. 1965. *Fair Isle and its Birds*. Oliver & Boyd, Edinburgh.

458 Lesser Redpoll (21)

- Association of European Rarities Committees (AERC). 2003. AERC TAC's taxonomic recommendations. www.aerc.be/aerc_tac.htm. Accessed on 15 March 2006.
- Bibby, C.J., Bain, C.G. & Burges, D.J. 1989. Bird communities of highland birchwoods. *Bird Study* 36: 123-133.
- Boddy, M. 1984. Body weights of adult and juvenile Lesser Redpolls in central and southern England. *Ringing & Migration* 5: 91-100.
- British Ornithologists' Union (BOU). 2001. British Ornithologists' Union Records Committee: 27th Report (October 2000). *Ibis* 143: 171-175.
- da Prato, S.R.D. 1985. The breeding birds of agricultural land in south-east Scotland. *Scottish Birds* 13: 203-216.
- Davis, P.G. 1977. Changed feeding habits of Siskins and Lesser Redpolls. *Bird Study* 24: 127-129.
- Enemar, A., Bergqvist, J. & Lindström, Å. 2000. [Breeding of the lesser redpoll *Carduelis flammea* in south-western Sweden] (in Swedish with English summary). *Ornis Svecica* 10: 50-52.
- Evans, P.R. 1966a. Autumn movements, moult and measurements of the Lesser Redpoll *Carduelis flammea cabaret*. *Ibis* 108: 183-216.
- Forestry Commission. 2001. *National Inventory of Woodland and Trees - Scotland*. Forestry Commission, Edinburgh.
- Gillings, S., Fuller, R.J. & Balmer, D.E. 2000. Breeding birds in scrub in the Scottish Highlands: variation in community composition between scrub types and successional stage. *Scottish Forestry* 54: 73-86.
- Götmark, F. 1982. [Irruptive breeding of the redpoll, *Carduelis flammea*, in south Sweden in 1975] (in Swedish with English summary). *Vår Fågenvärld* 41: 315-322.
- Hancock, M. & Avery, M. 1998. Changes in breeding bird populations in peatlands and young forestry in north-east Sutherland and Caithness between 1988 and 1995. *Scottish Birds* 19: 195-205.
- Langslow, D.R. 1977a. The timing of breeding, moult and migration of Lesser Redpolls in the Lothians. *Edinburgh Ringing Group Report* 5: 19-23.
- Lifjeld, J.T. & Bjerke, B.A. 1996. Evidence for assortative pairing by the *cabaret* and *flammea* subspecies of the common redpoll *Carduelis flammea* in SE Norway. *Fauna Norvegica Series C, Cinclus* 19: 1-8.
- Moss, D. 1978b. Song-bird populations in forestry plantations. *Quarterly Journal of Forestry* 75: 5-14.
- Moss, D. 1979. Even-aged plantations as a habitat for birds. In: Ford, E.D., Malcolm, D.C. & Atterson, J. (eds) *The Ecology of Even-aged Forest Plantations. Proceedings of the meeting of Division I, International Union of Forestry Research Organisations, Edinburgh, September, 1978* pp 413-427. Institute of Terrestrial Ecology, Cambridge.
- Newton, I. 1972a. *Finches*. Collins, London.
- Patterson, I.J., Ollason, J.G. & Doyle, P. 1995. Bird populations in upland spruce plantations in northern Britain. *Forest Ecology and Management* 79: 107-131.
- Petty, S.J., Patterson, I.J., Anderson, D.I.K., Little, B. & Davison, M. 1995. Numbers, breeding performance, and diet of the sparrowhawk *Accipiter nisus* and merlin *Falco columbarius* in relation to cone crops and seed-eating finches. *Forest Ecology and Management* 79: 133-146.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2005. *The Breeding Bird Survey 2004*. BTO Research Report 403. BTO, Thetford.
- Williamson, K. 1969. Bird communities in woodland habitats in Wester Ross, Scotland. *Quarterly Journal of Forestry* 63: 305-328.

459 Common Redpoll (22)

- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- British Ornithologists' Union (BOU). 2001. British Ornithologists' Union Records Committee: 27th Report (October 2000). *Ibis* 143: 171-175.
- Clarke, W.E. 1901b. On the occurrence of *Linota rostrata* (Couch), a Greenland Redpoll, in Barra, Outer Hebrides. *Annals of Scottish Natural History* 1901: 131-133.
- Clarke, W.E. 1902a. Further occurrence of Greenland Redpolls in Barra, Outer Hebrides. *Annals of Scottish Natural History* 1902: 118.
- Davis, P. 1960b. Greenland Redpolls and Lapland Buntings in autumn 1959. *Fair Isle Bird Observatory Bulletin* 4: 128-129.
- Dennis, R. 1995a. *The Birds of Badenoch and Strathspey*. 2nd Edition. Colin Baxter Photography, Grantown-on-Spey.
- Evans, W. 1911b. Notes on the recent immigration of Mealy Redpolls (*Acanthis linaria*), including the form known as Holböll's Redpoll. *Proceedings of the Royal Physical Society of Edinburgh* 18: 196-203.
- Herremans, M. 1990. Taxonomy and evolution in the redpolls *Carduelis flammea-hornemannii*; a multivariate study of their biometry. *Ardea* 78: 441-458.
- Knox, A.G., Helbig, A.J., Parkin, D.T. & Sangster, G. 2001. The taxonomic status of Lesser Redpoll. *British Birds* 94: 260-267.
- Murton, R.K. & Porter, S.C. 1961. Greenland-type Redpolls nesting in Inverness-shire. *British Birds* 54: 251-253.
- Pennington, M.G. & Maher, M. 2005. Greenland, Iceland and Hornemann's Redpolls in Britain. *Birding World* 18: 66-78.
- Reid, J.M. & Riddington, R. 1998. Identification of Greenland and Iceland Redpolls. *Dutch Birding* 20: 261-271.

- Riddington, R. & Votier, S.C. 1997. Redpolls from Greenland and Iceland. *Birding World* 10: 147-149.
- Riddington, R., Votier, S.C. & Steele, J. 2000. The influx of redpolls into Western Europe, 1995/96. *British Birds* 93: 59-67.
- Salomonsen, F. 1950-51. *The Birds of Greenland*. Ejnar Munksgaard, Copenhagen.
- Saunders, H. & Clarke, W.E. 1927. *Manual of British Birds*. 3rd Edition. Gurney & Jackson, London.
- Stevenson, A. 2005b. Redpolls in the Outer Hebrides. *Birding World* 18: 124.
- Svensson, L. 1992. *Identification Guide to European Passerines*. Svensson, Stockholm.
- Ticehurst, C.B. 1929. The Iceland Redpoll and its occurrence in Scotland. An addition to the British list. *Scottish Naturalist* 1929: 137.
- Vittery, A. 2002. First proven breeding of Mealy Redpolls on the Scottish Mainland. *Sutherland Bird Review* 2001-2002: 31-35.
- Williamson, K. 1956b. The autumn immigration of the Greenland Redpoll (*Carduelis flammea rostrata* (Coues)) into Scotland. *Dansk Ornithologisk Forenings Tidsskrift* 50: 125-133.
- Williamson, K. 1961. The taxonomy of the redpolls. *British Birds* 54: 238-241.

460 Arctic Redpoll (14)

- ap Rheinallt, T. 2002. Arctic Redpoll *Carduelis hornemanni* on Islay, 22 September 2001 - the first Argyll record. *Argyll Bird Report* 18: 115-120.
- Clarke, W.E. 1912a. *Studies in Bird Migration*. Two volumes. Gurney & Jackson, London.
- Clarke, W.E. & Stenhouse, J.H. 1924. Coues' Redpoll and Eastern Lesser Whitethroat at Fair Isle. *Scottish Naturalist* 1924: 4.
- Clement, P., Harris, A. & Davis, J. 1993. *Finches & Sparrows: an identification guide*. Christopher Helm, London.
- Dennis, R.H. 1963b. Arctic Redpolls in Inverness-shire. *Scottish Birds* 2: 427-428.
- Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
- Hamilton, E. 1910. Some rare birds in Unst, Shetland. *Annals of Scottish Natural History* 1910: 53-54.
- Harrop, H. 1995a. Arctic Redpolls in Shetland in November 1995. *Birding World* 8: 422-423.
- Lansdown, P., Riddiford, N. & Knox, A. 1991. Identification of Arctic Redpoll *Carduelis hornemanni exilipes*. *British Birds* 84: 41-56.
- Reid, J.M. & Riddington, R. 1998. Identification of Greenland and Iceland Redpolls. *Dutch Birding* 20: 261-271.
- Saunders, H. & Clarke, W.E. 1927. *Manual of British Birds*. 3rd Edition. Gurney & Jackson, London.
- Shaw, K.D. & Harvey, P.V. 1999. Dealing with difficult rarities - their identification and assessment. Number six: Arctic Redpolls, Garlogie, North-east Scotland 1996. *Birding Scotland* 2: 174-175.
- Votier, S.C., Steele, J., Shaw, K.D. & Stoddart, A.M. 2000. Arctic Redpoll *Carduelis hornemanni exilipes*: an identification review based on the 1995/96 influx. *British Birds* 93: 68-84.
- Webb, A. 1998. The invasion of Arctic Redpolls to Scotland during the winter of 1995/96. *Birding Scotland* 1: 183-187.

461 Two-barred Crossbill (25)

- Benkman, C.W. 1992. White-winged Crossbill. In: Poole, A., Stettenheim, P. & Gill, F. (eds) *The Birds of North America*. Volume 27. The Academy of Natural Sciences & the American Ornithologists' Union, Philadelphia & Washington DC.
- Bolam, G. 1897. A list of the birds of Berwick-on-Tweed, with special reference to "The Birds of Berwickshire", and notices of the occurrence of some of the rarer species in the adjoining districts, continued. *Annals of Scottish Natural History* 1897: 5-14, 79-88.
- Boys, J.V. 1960a. Two-barred Crossbill in Shetland. *Scottish Birds* 1: 193-194.
- Briggs, A. 1895. White-winged Crossbill in Orkney. *Annals of Scottish Natural History* 1895: 54.
- British Ornithologists' Union (BOU). 1992a. *Checklist of Birds of Britain and Ireland*. 6th Edition. Helm Information Ltd, London.
- Clarke, W.E. 1912a. *Studies in Bird Migration*. Two volumes. Gurney & Jackson, London.
- Clement, P., Harris, A. & Davis, J. 1993. *Finches & Sparrows: an identification guide*. Christopher Helm, London.
- Dawson, B. 2004b. Two-barred Crossbill *Loxia leucoptera* in Easter Ross. *Highland Bird Report* 2003: 176-180.
- Dawson, R. 2005b. Two-barred or winged-barred? Some further comments. *Birding Scotland* 8: 77-78.
- Dillon, I. 2003b. Two barred or wing-barred? *Birding Scotland* 6: 97-99.
- Elmberg, J. 1993. Song differences between North American and European white-winged crossbills (*Loxia leucoptera*). *Auk* 110: 385.
- Evans, A.H. 1911a. *A Fauna of the Tweed Area*. David Douglas, Edinburgh.
- Evans, L.G.R. 1994. *Rare Birds in Britain 1800-1990*. LGRE Publications, Amersham.
- Evans, W. 1910c. An overlooked record of the Two-barred Crossbill in Scotland. *British Birds* 3: 306.
- Garner, M. 1997. An apparent hybrid wing-barred crossbill. *Birding World* 10: 71-72.
- Gordon, I. & Crockett, P. 2000. Juvenile Two-barred Crossbill on Whalsay, September 1999. *Birding Scotland* 3: 38.
- Griscom, L. 1937. A monographic study of the Red Crossbill (*Loxia curvirostra*). *Proceeding of the Boston Society of Natural History* 41: 77-210.

- Groth, J.G. 1993a. Call matching and positive assortative mating in Red Crossbills. *Auk* 110: 398-401.
- Hamilton, F. 1998a. Two-barred Crossbill - Isle of May, Fife, 8th to 12th August 1997. *Birding Scotland* 1: 44-45.
- Harvey, P.V. 1990. Two-barred Crossbills in the Northern Isles. *Birding World* 3: 266-267.
- Robb, M.S. 2000. Introduction to vocalizations of crossbills in north-western Europe. *Dutch Birding* 22: 61-107.
- Saxby, H.L. 1874. *The Birds of Shetland*. Maclachlan & Stewart, Edinburgh.
- Sibley, D. 2000. *The North American Bird Guide*. Pica Press, Robertsbridge.
- Summers, R.W., Jardine, D.C., Marquiss, M. & Rae, R. 2002b. The distribution and habitats of crossbills *Loxia* spp. in Britain, with special reference to the Scottish Crossbill *Loxia scotica*. *Ibis* 144: 393-410.
- Thompson, D.W. 1878. The Birds of the South-east of Scotland. *Scottish Naturalist* 4: 277-282, 325-332.

462 Common Crossbill (24)

- Benkman, C.W. 1990. Intake rates and the timing of crossbill reproduction. *Auk* 107: 376-386.
- Benkman, C.W. 1993. Adaptation to single resources and the evolution of crossbill (*Loxia*) diversity. *Ecological Monographs* 63: 305-325.
- Clark, J.A., Wernham, C.V., Balmer, D.E., Adams, S.Y., Blackburn, J.R., Griffin, B.M. & King, J. 2000. Bird ringing in Britain and Ireland in 1998. *Ringing & Migration* 20: 39-93.
- Clement, P., Harris, A. & Davis, J. 1993. *Finches & Sparrows: an identification guide*. Christopher Helm, London.
- Griscom, L. 1937. A monographic study of the Red Crossbill (*Loxia curvirostra*). *Proceeding of the Boston Society of Natural History* 41: 77-210.
- Groth, J.G. 1993b. Evolutionary differentiation in morphology, vocalizations, and allozymes among nomadic sibling species in the North American Red Crossbill (*Loxia curvirostra*) complex. *University of California Publications in Zoology* 127: 1-143.
- Herremans, M. 1982. Notes on measurements and moult of irruptive Red Crossbills (*Loxia curvirostra curvirostra*) in central Belgium. *Gerfaut* 72: 243-254.
- Jardine, D.C. 1992. Crossbills in Scotland 1990 – an invasion year. *Scottish Bird Report* 1990: 65-69.
- Jardine, D.C. 2000b. Common Crossbill eating adelgids. *Scottish Birds* 21: 52-53.
- Jenni, L. & Winkler, R. 1994. *Moult and Ageing of European Passerines*. Academic Press, London.
- Knox, A.G. 1975. Appendix 1. Crossbill taxonomy. In: Nethersole-Thompson, D. (ed.) *Pine Crossbills*. T. & A.D. Poyser, Berkhamsted.
- Knox, A.G. 1992. Species and pseudospecies: the structure of crossbill populations. *Biological Journal of the Linnean Society* 47: 325-335.
- Lack, D. 1954. *The Natural Regulation of Animal Numbers*. Clarendon Press, Oxford.
- Mackey, E.C., Shewry, M.C. & Tudor, G.J. 1998. *Land Cover Change: Scotland from the 1940s to the 1980s*. The Stationery Office, Edinburgh.
- Marquiss, M. & Rae, R. 1994. Seasonal trends in abundance, diet and breeding of Common Crossbills (*Loxia curvirostra*) in an area of mixed species conifer plantation following the 1990 crossbill ‘irruption’. *Forestry* 67: 31-47.
- Marquiss, M. & Rae, R. 2002. Ecological differentiation in relation to bill size amongst sympatric, genetically undifferentiated crossbills *Loxia* spp. *Ibis* 144: 494-508.
- Nethersole-Thompson, D. 1975. *Pine Crossbills*. T. & A.D. Poyser, Berkhamsted.
- Newton, I. 1972a. *Finches*. Collins, London.
- Robb, M.S. 2000. Introduction to vocalizations of crossbills in north-western Europe. *Dutch Birding* 22: 61-107.
- Sibbald, R. 1684. *Scotia Illustrata, sive Prodromus Historia Naturalis*. J. Kniblo, J. Solingensis & J. Colmarii, Edinburgh.
- Summers, R.W. 2002a. Cone sizes of Scots Pines *Pinus sylvestris* in the Highlands of Scotland – implications for pine-eating crossbills *Loxia* spp. in winter. *Forest Ecology and Management* 164: 301-305.
- Summers, R.W., Jardine, D.C., Marquiss, M. & Proctor, R. 1996. The biometrics of invading Common Crossbills *Loxia curvirostra* in Britain during 1990-1991. *Ringing & Migration* 17: 1-10.
- Summers, R.W., Jardine, D.C., Marquiss, M. & Rae, R. 2002b. The distribution and habitats of crossbills *Loxia* spp. in Britain, with special reference to the Scottish Crossbill *Loxia scotica*. *Ibis* 144: 393-410.
- Watson, A. & Marquiss, M. 2006. Crossbill numbers in old pinewoods on Upper Deeside and Speyside in 1944-75. *Scottish Birds* 26: 51-55.

463 Scottish Crossbill (25)

- BirdLife International/European Bird Census Council. 2000. *Bird Populations: estimates and trends*. BirdLife Conservation Series No. 10. BirdLife International, Cambridge.
- British Ornithologists' Union (BOU). 1980. British Ornithologists' Union Records Committee: 10th Report. *Ibis* 122: 564-568.
- Dawson, B. 2004a. Scottish Crossbills at Devilla Forest - a new bird for Fife. *Fife Bird Report* 2003: 99-101.
- Hartert, E. 1903-10. *Die Vögel der Paläarktischen Fauna*. Volume 1. Friedländer und Sohn, Berlin.
- Knox, A.G. 1975. Appendix 1. Crossbill taxonomy. In: Nethersole-Thompson, D. (ed.) *Pine Crossbills*. T. & A.D. Poyser, Berkhamsted.

- Poyser, Berkhamsted.
- Knox, A.G. 1976. The taxonomic status of the Scottish Crossbill *Loxia* sp. *Bulletin of the British Ornithologists' Club* 96: 15-19.
- Knox, A.G. 1990a. The sympatric breeding of Common and Scottish Crossbills *Loxia curvirostra* and *L. scotica* and the evolution of crossbills. *Ibis* 132: 454-466.
- Knox, A.G. 1990b. Identification of Crossbill and Scottish Crossbill. *British Birds* 83: 89-94.
- Knox, A.G. 1990c. Probable long-term sympatry of Common and Scottish Crossbills in northeast Scotland. *Scottish Birds* 16: 11-18.
- Lack, D. 1944. Correlation between beak and food in the crossbill, *Loxia curvirostra* Linnaeus. *Ibis* 86: 552-553.
- Mackey, E.C., Shewry, M.C. & Tudor, G.J. 1998. *Land Cover Change: Scotland from the 1940s to the 1980s*. The Stationery Office, Edinburgh.
- Marquiss, M. & Rae, R. 2002. Ecological differentiation in relation to bill size amongst sympatric, genetically undifferentiated crossbills *Loxia* spp. *Ibis* 144: 494-508.
- Marquiss, M., Rae, R., Harvey, P. & Proctor, R. 1995. Scottish Crossbill moves between Deeside and Strathspey. *Scottish Bird News* 37: 2-3.
- Murray, R.D. 1978. Crossbill evolution. *British Birds* 71: 318-319.
- Nethersole-Thompson, D. 1975. *Pine Crossbills*. T. & A.D. Poyser, Berkhamsted.
- Piertney, S.B., Summers, R.W. & Marquiss, M. 2001. Microsatellite and mitochondrial DNA homogeneity among phenotypically diverse crossbill taxa in the UK. *Proceedings of the Royal Society of London* B268: 1511-1517.
- Robb, M.S. 2000. Introduction to vocalizations of crossbills in north-western Europe. *Dutch Birding* 22: 61-107.
- Summers, R.W. 1999b. Numerical responses by crossbills *Loxia* spp. to annual fluctuations in cone crops. *Ornis Fennica* 76: 141-144.
- Summers, R.W., Dawson, R.J.G. & Phillips, R.E. 2007. Assortative mating and patterns of inheritance indicate that the three crossbill taxa in Scotland are species. *Journal of Avian Biology* 38: 153-162.
- Summers, R.W. & Donald, C. 2001. Scottish Crossbill nest covered by snow. *Scottish Bird News* 62: 5.
- Summers, R.W., Humphreys, E., Newell, M. & Donald, C. 2002a. Nest-site selection by crossbills *Loxia* spp. in ancient native pinewoods at Abernethy Forest, Strathspey, Highland. *Bird Study* 49: 258-262.
- Summers, R.W., Jardine, D.C. & Dawson, R.J.G. 2004b. The distribution of the Scottish Crossbill, 1995-2003. *Scottish Birds* 24 (2): 11-16.
- Summers, R.W., Jardine, D.C., Marquiss, M. & Rae, R. 2002b. The distribution and habitats of crossbills *Loxia* spp. in Britain, with special reference to the Scottish Crossbill *Loxia scotica*. *Ibis* 144: 393-410.
- Summers, R.W. & Piertney, S.B. 2003. The Scottish Crossbill – what we know and what we don't. *British Birds* 96: 100-111.
- Summers, R.W. & Proctor, R. 1999. Tree and cone selection by crossbills *Loxia* sp. and Red Squirrels *Sciurus vulgaris* at Abernethy forest, Strathspey. *Forest Ecology and Management* 118: 173-182.

464 Parrot Crossbill (29)

- Baker, H., Stroud, D.A., Aebsicher, N.J., Cranswick, P.A., Gregory, R.D., McSorley, C.A., Noble, D.G. & Rehfisch, M.M. 2006. Population estimates of birds in Great Britain and the United Kingdom. *British Birds* 99: 25-44.
- Baxter, E.V. 1955. Review of ornithological changes in Scotland in 1953. *Scottish Naturalist* 1955: 98-105.
- Bewick, T. 1826. *A History of British Birds, Volume I. Land Birds*. Walker, Newcastle.
- Catley, G.P. & Hursthouse, D. 1985. Parrot Crossbills in Britain. *British Birds* 78: 482-505.
- Davidson, C. 1985. Parrot Crossbills: a new breeding species. *Norfolk Bird and Mammal Report* 1984: 98-102.
- Davis, P. 1963. The Parrot Crossbill irruption at Fair Isle. *Bird Migration* 2: 260-264.
- Davis, P. & Reynolds, C.M. 1964. Parrot Crossbills in Shetland and Outer Hebrides. *Scottish Birds* 3: 196-197.
- Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.
- Gordon, J.R. & Grant, W.D. 1954. Scottish or Parrot Crossbill on the Isle of May. *British Birds* 47: 274-275.
- Hagner, S. 1965. Cone crop fluctuations in Scots Pine and Norway Spruce. *Studio Forestalia Suecica* 33: 1-21.
- Harvie-Brown, J.A. & Buckley, T.E. 1887. *A Vertebrate Fauna of Sutherland, Caithness and West Cromarty*. David Douglas, Edinburgh.
- Harvie-Brown, J.A. & Macpherson, H.A. 1904. *A Fauna of the North-west Highlands and Skye*. David Douglas, Edinburgh.
- Jardine, D.C. 1992. Crossbills in Scotland 1990 – an invasion year. *Scottish Bird Report* 1990: 65-69.
- Jardine, W. 1839. [Parrot Crossbill]. *The Naturalist's Library (Ornithology)* 11: 345-346.
- Järvinen, O. & Väistönen, R.A. 1978. Recent changes in forest bird populations in northern Finland. *Annales Zoologici Fennici* 15: 279-289.
- Marquiss, M. & Rae, R. 2002. Ecological differentiation in relation to bill size amongst sympatric, genetically undifferentiated crossbills *Loxia* spp. *Ibis* 144: 494-508.
- Millais, J.G. 1884. Note on the occurrence of the Parrot Crossbill in Perthshire, and probable nesting. *Proceedings of the Perthshire Society of Natural Science* 1881-1886: 182.
- Nethersole-Thompson, D. 1975. *Pine Crossbills*. T. & A.D. Poyser, Berkhamsted.

- Ogilvie, M. & the Rare Breeding Birds Panel. 1994. Rare breeding birds in the United Kingdom in 1991. *British Birds* 87: 366-393.
- Olsson, V. 1964. Studies of less familiar birds. 126: Parrot Crossbill. *British Birds* 57: 118-123.
- Selby, P.J. 1825. *Illustrations of British Ornithology. Part First. Land Birds*. Lizars, Edinburgh.
- Shearer, R.I. & Osborne, H. 1862. Notes on the ornithology of Caithness. *Proceedings of the Royal Physical Society of Edinburgh* 2: 334-347.
- Summers, R.W. 2002a. Cone sizes of Scots Pines *Pinus sylvestris* in the Highlands of Scotland – implications for pine-eating crossbills *Loxia* spp. in winter. *Forest Ecology and Management* 164: 301-305.
- Summers, R.W. 2002b. Parrot Crossbills breeding in Abernethy Forest, Highland. *British Birds* 95: 4-11.
- Summers, R.W. 2004a. An early record of a Parrot Crossbill in Scotland. *Scottish Birds* 24 (2): 43-45.
- Summers, R.W. 2006. Patterns of nest attendance by a pair of Parrot Crossbills. *British Birds* 99: 562-568.
- Summers, R.W., Jardine, D.C., Marquiss, M. & Rae, R. 2002b. The distribution and habitats of crossbills *Loxia* spp. in Britain, with special reference to the Scottish Crossbill *Loxia scotica*. *Ibis* 144: 393-410.
- Summers, R.W. & Pierney, S.B. 2003. The Scottish Crossbill – what we know and what we don't. *British Birds* 96: 100-111.
- Summers, R.W. & Proctor, R. 1999. Tree and cone selection by crossbills *Loxia* sp. and Red Squirrels *Sciurus vulgaris* at Abernethy forest, Strathspey. *Forest Ecology and Management* 118: 173-182.

465 Trumpeter Finch (5)

- Booth, C., Cuthbert, M. & Reynolds, P. 1984. *The Birds of Orkney*. The Orkney Press, Kirkwall.
- Clement, P., Harris, A. & Davis, J. 1993. *Finches & Sparrows: an identification guide*. Christopher Helm, London.
- Hollom, P.A.D., Porter, R.F., Christensen, S. & Willis, I. 1988. *Birds of the Middle East and North Africa*. T. & A.D. Poyser, Calton.
- Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.
- Wallace, D.I.M., Cobb, F.K. & Tubbs, C.R. 1977. Trumpeter Finches: new to Britain and Ireland. *British Birds* 70: 45-49.

466 Common Rosefinch (13)

- Boys, J. 1960b. Scarlet Grosbeaks on Foula. *Scottish Birds* 1: 240.
- Clarke, W.E. & Kinnear, N.B. 1906. Rare birds at Fair Isle. *Annals of Scottish Natural History* 1906: 236-237.
- Clement, P., Harris, A. & Davis, J. 1993. *Finches & Sparrows: an identification guide*. Christopher Helm, London.
- Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
- Marshall, B. 1972c. Scarlet Rosefinch in Shetland. *Scottish Birds* 7: 209.
- Mullins, J.R. 1984. Scarlet Rosefinch breeding in Scotland. *British Birds* 77: 133-135.
- Ogilvie, M. & the Rare Breeding Birds Panel. 1994. Rare breeding birds in the United Kingdom in 1991. *British Birds* 87: 366-393.
- Ogilvie, M. & the Rare Breeding Birds Panel. 1999b. Rare breeding birds in the United Kingdom in 1997. *British Birds* 92: 389-428.
- Simpson, J.H. 1967b. Scarlet Grosbeak in Shetland. *Scottish Birds* 4: 509.
- Slater, P.J.B. 1964a. Scarlet Grosbeak on Auskerry, Orkney. *Scottish Birds* 3: 34.
- Spencer, R. & the Rare Breeding Birds Panel. 1993. Rare breeding birds in the United Kingdom in 1990. *British Birds* 86: 62-90.
- Walker, K.G. 1968c. Subalpine Warbler, Scarlet Grosbeak and Lesser Grey Shrike on North Ronaldsay, Orkney. *Scottish Birds* 5: 223-224.
- Wallace, D.I.M. 1999. History of the Common Rosefinch in Britain and Ireland, 1869-1996. *British Birds* 92: 445-471.

467 Pine Grosbeak (5)

- Harrop, H. 1992a. The Pine Grosbeak in Shetland. *Birding World* 5: 133-137.
- Harrop, H. 2000. The Pine Grosbeak in Shetland. *Birding World* 13: 448-450.
- Harrop, H. 2001. Pine Grosbeak at Maywick - second Shetland record. *Shetland Bird Report* 2000: 97-98.
- Osborn, K. 2001. Pine Grosbeak on Shetland - the third Scottish record. *Birding Scotland* 4: 32.
- Pennant, T. 1776. *British Zoology*. 2 volumes. Benjamin White, London.

468 Common Bullfinch (11)

- Clancey, P.A. 1947a. A new race of Bullfinch from Scotland. *Bulletin of the British Ornithologists' Club* 67: 76-77.
- Clement, P., Harris, A. & Davis, J. 1993. *Finches & Sparrows: an identification guide*. Christopher Helm, London.
- Greig-Smith, P.W. & Wilson, G.M. 1984. Patterns of activity and habitat use by a population of bullfinches (*Pyrrhula pyrrhula*) in relation to bud-feeding in orchards. *Journal of Applied Ecology* 21: 401-422.

- Harrison, J.G. 1959. Northern Bullfinch in the Cairngorms. *Scottish Birds* 1: 98.
- Newton, I. 1966. The moult of the Bullfinch *Pyrrhula pyrrhula*. *Ibis* 108: 41-67.
- Newton, I. 1972a. *Finches*. Collins, London.
- Newton, I. 1999. An alternative approach to the measurement of seasonal trends in bird breeding success: a case study of the bullfinch *Pyrrhula pyrrhula*. *Journal of Animal Ecology* 68: 698-707.
- Newton, I. 2000. Movements of Bullfinches *Pyrrhula pyrrhula* within the breeding season. *Bird Study* 47: 372-376.
- Newton, I., Hobson, K.A., Fox, A.D. & Marquiss, M. 2006. An investigation into the provenance of northern bullfinches *Pyrrhula p. pyrrhula* found in winter in Scotland and Denmark. *Journal of Avian Biology* 37: 431-435.
- Pennington, M.G. & Meek, E.R. 2006. The 'Northern Bullfinch' invasion of autumn 2004. *British Birds* 99: 2-24.
- Riddington, R. & Ward, N. 1998. The invasion of Northern Bullfinches *Pyrrhula p. pyrrhula* to Britain in autumn 1994, with particular reference to the Northern Isles. *Ringing & Migration* 19: 48-52.

469 Hawfinch (39)

- Bartholomew, J. 1903. Hawfinch in north Dumfriesshire. *Annals of Scottish Natural History* 1903: 184-185.
- Berry, W. 1904. On the nesting of the Hawfinch in Fifeshire. *Annals of Scottish Natural History* 1904: 11-14.
- Brown, A. & Grice, P. 2005. *Birds in England*. T. & A.D. Poyser, London.
- Bryson, A.G.S. 1948. Hawfinches in Edinburgh. *Scottish Naturalist* 1948: 214-215.
- Buchan-Hepburn, A. 1907. The Hawfinch in East Lothian. *Annals of Scottish Natural History* 1907: 181.
- Clarke, W.E. 1894b. On the probable breeding of the Hawfinch (*Coccothraustus vulgaris*) in Midlothian. *Annals of Scottish Natural History* 1894: 195-197.
- Clarke, W.E. 1898. Hawfinch in Midlothian. *Annals of Scottish Natural History* 1898: 114.
- Dott, H.E.M. 2006b. Population trends of birds breeding in Lothian 1950-2000. *Lothian Bird Report* 2004: 92-117.
- Duncan, J. 1999a. Do you still need - Hawfinch? *Birding Scotland* 2: 29-30.
- Evans, A.H. 1911a. *A Fauna of the Tweed Area*. David Douglas, Edinburgh.
- Evans, W. 1909. Nesting of the Hawfinch (*Coccothraustus vulgaris*) in East Lothian. *Annals of Scottish Natural History* 1909: 181.
- Evans, W. 1915. Coloration of mouth of young Hawfinches. *Scottish Naturalist* 1915: 284.
- Fenton, E.W. 1959. Hawfinches in Aberdeen. *Scottish Birds* 1: 98.
- Gladstone, H.S. 1910a. *The Birds of Dumfriesshire: a contribution to the fauna of the Solway area*. H.F. & G. Witherby, London.
- Gladstone, H.S. 1919. Hawfinch nesting in Dumfriesshire. *Scottish Naturalist* 1919: 171.
- Gladstone, H.S. 1927. Hawfinch nesting in Kirkcudbright. *Scottish Naturalist* 1927: 95.
- Hamilton, D. 1931. Hawfinches in Midlothian. *Scottish Naturalist* 1931: 87-88.
- Harvie-Brown, J.A. 1907. Hawfinch in Upper Forth District. *Annals of Scottish Natural History* 1907: 182.
- Hollom, P.A.D. 1978. *The Popular Handbook of British Birds*. H.F. & G. Witherby, London.
- Hunter, D.G. 1920. Nest of Hawfinch in Aberdeenshire. *Scottish Naturalist* 1920: 183-184.
- Kirk, C. 1919. Hawfinch in Dumbartonshire. *Scottish Naturalist* 1919: 194.
- Langston, R., Gregory, R. & Adams, R. 2002. The status of the Hawfinch in the UK 1975-1999. *British Birds* 95: 166-173.
- MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
- Mackeith, T.T. 1924. The Hawfinch in Renfrewshire. *Scottish Naturalist* 1924: 52.
- McConachie, W. 1908. Hawfinch in Berwickshire. *Annals of Scottish Natural History* 1908: 252-253.
- McDougall, A.C. 1959. Hawfinch in Tiree. *Scottish Birds* 1: 154.
- Millar, G. 1912. Hawfinch at Fidra, Firth of Forth. *Scottish Naturalist* 1912: 210.
- Mountfort, G. 1957. *The Hawfinch*. Collins, London.
- Murdoch, C.C.I., Maitland, R.O.H. & Campbell, J.W. 1948. Hawfinches in Perthshire. *Scottish Naturalist* 1948: 213-214.
- Nash, J.K. 1925. The Hawfinch in Scotland. *Scottish Naturalist* 1925: 39-45.
- Newton, I. 1972a. *Finches*. Collins, London.
- Roberts, S.J. & Lewis, J.M.S. 1988. Observations on the sensitivity of nesting Hawfinch. *Gwent Bird Report* 23: 7-10.
- Saxby, T.E. 1904. On the occurrence of the Hawfinch and other birds in Unst, Shetland. *Annals of Scottish Natural History* 1904: 154-157.
- Serle, W. 1904. Hawfinch at Peterhead. *Annals of Scottish Natural History* 1904: 244.
- Service, R. 1908. The Hawfinch in Galloway. *Annals of Scottish Natural History* 1908: 253.
- Smith, D. 2004. Breeding and roosting Hawfinches (*Coccothraustes coccothraustes*) in Merioneth. *Welsh Birds* 4: 11-19.
- Thorpe, A.W. 2001. *North Sea Bird Club 21st Anniversary Report*. North Sea Bird Club, Aberdeen.
- Tomison, J. 1904. Occurrence of the Hawfinch at Skerryvore lighthouse. *Annals of Scottish Natural History* 1904: 187-188.
- Tunnard, C.C. 1904. Hawfinch in East Lothian. *Annals of Scottish Natural History* 1904: 126.

470 Evening Grosbeak (4)

- Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.
- Picozzi, N. 1971. Evening Grosbeak on St Kilda: a species new to Britain and Ireland. *British Birds* 64: 189-194.
- Picozzi, N. 1999. Blast from the past: Evening Grosbeak on St Kilda, March 1969. *Birding Scotland* 2: 63-64.
- Rogers, M.J. & the Rarities Committee. 1981. Report on rare birds in Great Britain in 1980. *British Birds* 74: 453-495.

471 Black-and-white Warbler (4)

- Anon. 1960a. Additions to the British and Irish List: White-throated Sparrow, Black-and-White Warbler and Olive-backed Thrush. *British Birds* 53: 97-99.
- Dunn, J.L. & Garrett, K.L. 1997. *A Field Guide to Warblers of North America*. Houghton Mifflin, New York.
- Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.
- Stephen, A.C. 1937. Two rare American birds in Scotland. *Scottish Naturalist* 1937: 46.

472 Tennessee Warbler (6)

- Broad, R.A. 1981. Tennessee Warblers: new to Britain and Ireland. *British Birds* 74: 90-94.
- Cottridge, D. & Vinicombe, K.E. 1996. *Rare Birds in Britain and Ireland: a photographic record*. HarperCollins/Birding World, London.
- Dunn, J.L. & Garrett, K.L. 1997. *A Field Guide to Warblers of North America*. Houghton Mifflin, New York.
- Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.
- Meek, E.R. 1984a. Tennessee Warbler in Orkney. *British Birds* 77: 160-164.
- Walbridge, G. 2004. Blast from the past: Tennessee Warbler, Fair Isle, 6th September 1975. *Birding Scotland* 7: 119-122.
- Wilson, A. 1808-14. *American Ornithology*. 9 volumes. Bradford & Inskeep, Philadelphia.

473 Yellow Warbler (7)

- Dunn, J.L. & Garrett, K.L. 1997. *A Field Guide to Warblers of North America*. Houghton Mifflin, New York.
- Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.
- Parkes, K.C. 1992. Ageing North American warblers. *Birding World* 5: 445.
- Ridgely, R.S. & Tudor, G. 1989. *The Birds of South America*. Volume 1. Oxford University Press, Oxford.
- Rivers, S. 2004b. The Yellow Warbler on the Outer Hebrides. *Birding World* 17: 435-436.
- Rivers, S. 2004c. Yellow Warbler on Barra – the third Scottish record. *Birding Scotland* 7: 195-198.
- Suddaby, D. 1990. Yellow Warbler in Shetland. *Birding World* 3: 381-382.

474 Chestnut-sided Warbler (1)

- Peacock, M. 1993. Chestnut-sided Warbler: new to the Western Palearctic. *British Birds* 86: 57-61.

475 Blackburnian Warbler (3)

- Saunders, D. & Saunders, S. 1992. Blackburnian Warbler: new to the Western Palearctic. *British Birds* 85: 337-343.
- Willmott, J. 1988. Blackburnian Warbler on Fair Isle – a new Western Palearctic bird. *Birding World* 1: 355-356.
- Willmott, J. 2003. Blast from the past: Blackburnian Warbler, Fair Isle, 7th October 1988. *Birding Scotland* 6: 1-2.

476 Cape May Warbler (10)

- Baker, D.E. 1978. Observations of Cape May Warblers in Michigan, USA. *Jack-Pine Warbler* 56: 94-96.
- Byars, T. & Galbraith, H. 1980. Cape May Warbler: new to Britain and Ireland. *British Birds* 73: 2-5.
- Clark, H. (ed.) 1983. *The Life and Letters of Alexander Wilson*. American Philosophical Society, Philadelphia.
- DeGraaf, R.M. & Rudis, D.D. 1983. *New England Wildlife Habitat, Natural History and Distribution*. Technical Report NE-108. United States Department of Agriculture.
- Elkins, N. 1979. Nearctic landbirds in Britain and Ireland: a meteorological analysis. *British Birds* 72: 417-433.
- Hussell, P.J.T. & Ridley, C.J. 1978. *Monitoring bird populations by migrant sampling*. Unpublished report. Canadian Wildlife Service.
- McDonald, I. & Byars, T. 2000. Blast from the past: Cape May Warbler, Paisley, June 1977. *Birding Scotland* 3: 136-140.

- Robertson, B. & Hammerson, G. 2001. *Species Management Abstract: Cape May Warbler (Dendroica tigrina)*. The Nature Conservancy, Virginia.
- Semenchuk, G.P. 1992. *The Atlas of Breeding Birds of Alberta*. Federation of Alberta Naturalists, Edmonton.
- Welsh, D.A. 1987. Cape May Warbler. In: Cadman, M.D., Eagles, P.F.J. & Helleiner, F.M. (eds) *Atlas of the Breeding Birds of Ontario*. pp 376-377. University of Waterloo Press, Waterloo, Ontario, Canada.
- Wilson, A. 1808-14. *American Ornithology*. 9 volumes. Bradford & Inskeep, Philadelphia.

477 Yellow-rumped Warbler (8)

- Cottridge, D. & Vinicombe, K.E. 1996. *Rare Birds in Britain and Ireland: a photographic record*. HarperCollins/Birding World, London.
- Curson, J., Quinn, D. & Beadle, D. 1994. *New World Warblers*. Christopher Helm, London.
- Dunn, J.L. & Garrett, K.L. 1997. *A Field Guide to Warblers of North America*. Houghton Mifflin, New York.
- Holt, C. 1999a. The Myrtle Warbler on Fair Isle. *Birding World* 12: 239.
- Holt, C. 1999b. The Myrtle Warbler on Fair Isle, June 1999. *Birding Scotland* 2: 185.
- Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.
- van den Berg, A.B. & Bosman, C.A.W. 2001. *Rare Birds of the Netherlands*. Pica Press, Robertsbridge.
- Williams, S. 2003a. The Yellow-rumped Warbler at Evie, Orkney, 31st October-2nd November. *Birding Scotland* 6: 175-177.

478 Blackpoll Warbler (7)

- Curson, J., Quinn, D. & Beadle, D. 1994. *New World Warblers*. Christopher Helm, London.
- Dowie, M.I. 1993. Blackpoll Warbler in Shetland. *British Birds* 86: 206-209.
- Dunn, J.L. & Garrett, K.L. 1997. *A Field Guide to Warblers of North America*. Houghton Mifflin, New York.
- Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.
- Marshall, B. 1988. Blackpoll Warbler on Whalsay. *Scottish Bird Report* 1987: 50.
- McNair, D.B. & Post, W. 1993. Autumn migration route of Blackpoll Warblers: evidence from southeastern North America. *Journal of Field Ornithology* 64: 417-425.
- Stevenson, A. 2004b. Scotland's 5th Blackpoll Warbler, South Uist, 17-20th October 2003. *Birding Scotland* 7: 78-79.

479 American Redstart (2)

- Dawson, J. & ap Rheinallt, T. 2001. Blast from the past: American Redstart, Islay, November 1982. *Birding Scotland* 4: 186-188.
- Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.

480 Ovenbird (4)

- Curson, J., Quinn, D. & Beadle, D. 1994. *New World Warblers*. Christopher Helm, London.
- Dunn, J.L. & Garrett, K.L. 1997. *A Field Guide to Warblers of North America*. Houghton Mifflin, New York.
- Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.
- Robertson, I.S. 1975b. Ovenbird in Shetland: a species new to Britain and Ireland. *British Birds* 68: 453-455.

481 Common Yellowthroat (8)

- Cottridge, D. & Vinicombe, K.E. 1996. *Rare Birds in Britain and Ireland: a photographic record*. HarperCollins/Birding World, London.
- Curson, J., Quinn, D. & Beadle, D. 1994. *New World Warblers*. Christopher Helm, London.
- Drew, J.M., Drew, T.P. & Wilkinson, M.A. 2004. Common Yellowthroat on Foula - the third Scottish record. *Birding Scotland* 7: 203-205.
- Dunn, J.L. & Garrett, K.L. 1997. *A Field Guide to Warblers of North America*. Houghton Mifflin, New York.
- Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.
- Pennington, M.G. & MacLeod, M. 1997. The Common Yellowthroat on Shetland. *Birding World* 10: 185-186.
- Walker, M. 1986. Common Yellowthroat on Fetlar, Shetland. *Scottish Birds* 14: 124.
- Wilkinson, M., Drew, J. & Drew, T. 2005. Common Yellowthroat on Foula: 3rd Shetland record. *Shetland Bird Report* 2004: 113-114.

482 Hooded Warbler (3)

- Dix, T.J. 1992. The Hooded Warbler on St Kilda. *Birding World* 5: 380-381.
Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.
Vaughan, J. 2000. Blast from the past: Hooded Warbler, St Kilda, September 1992. *Birding Scotland* 3: 54-55.
Wilson, A. 1808-14. *American Ornithology*. 9 volumes. Bradford & Inskeep, Philadelphia.

483 Savannah Sparrow (7)

- Byers, C., Olsson, U. & Curson, J. 1995. *Buntings and Sparrows*. Pica Press, Robertsbridge.
Cottridge, D. & Vinicombe, K.E. 1996. *Rare Birds in Britain and Ireland: a photographic record*.
HarperCollins/Birding World, London.
Ellis, P. 2003b. Blast from the past: Savannah Sparrow, Fair Isle, September 1988. *Birding Scotland* 6: 85-87.
Ellis, P.M. & Riddiford, N.J. 1992. Savannah Sparrow in Shetland: second record for the Western Palearctic. *British Birds* 85: 561-564.
Shaw, D.N. 2003b. Savannah Sparrow – the second for Fair Isle and third for Britain. *Birding Scotland* 6: 178-180.
Shaw, D.N. 2003e. The Savannah Sparrow on Fair Isle. *Birding World* 16: 423-427.
Sibley, C.G. & Monroe Jr., B.L. 1993. *A Supplement to Distribution and Taxonomy of Birds of the World*. Yale University Press, New Haven.

484 Song Sparrow (4)

- Byers, C., Olsson, U. & Curson, J. 1995. *Buntings and Sparrows*. Pica Press, Robertsbridge.
Cottridge, D. & Vinicombe, K.E. 1996. *Rare Birds in Britain and Ireland: a photographic record*.
HarperCollins/Birding World, London.
Davis, P. & Dennis, R.H. 1959. Song Sparrow at Fair Isle: a bird new to Europe. *British Birds* 52: 419-421.
Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.
Wilson, A. 1808-14. *American Ornithology*. 9 volumes. Bradford & Inskeep, Philadelphia.

485 White-crowned Sparrow (4)

- Broad, R.A. & Hawley, R.G. 1980. White-crowned Sparrows: new to Britain and Ireland. *British Birds* 73: 466-470.
Byers, C., Olsson, U. & Curson, J. 1995. *Buntings and Sparrows*. Pica Press, Robertsbridge.
Cottridge, D. & Vinicombe, K.E. 1996. *Rare Birds in Britain and Ireland: a photographic record*.
HarperCollins/Birding World, London.
Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.

486 White-throated Sparrow (7)

- Angus, W.C. 1869. Notice of the occurrence of the White-throated Sparrow (*Zonotrichia albicollis*) in Aberdeenshire. *Proceedings of the Natural History Society of Glasgow* 1: 209-211.
Byers, C., Olsson, U. & Curson, J. 1995. *Buntings and Sparrows*. Pica Press, Robertsbridge.
Cottridge, D. & Vinicombe, K.E. 1996. *Rare Birds in Britain and Ireland: a photographic record*.
HarperCollins/Birding World, London.
Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.
Phillips, I.M. 1997. *Rare and Scarce Birds in North East Scotland*. I.M. Phillips, Cove.
van den Berg, A.B. & Bosman, C.A.W. 2001. *Rare Birds of the Netherlands*. Pica Press, Robertsbridge.
Williamson, K. & Palmar, C.E. 1955. The Aberdeenshire record of a White-throated Sparrow. *British Birds* 48: 189-190.

487 Dark-eyed Junco (6)

- Byers, C., Olsson, U. & Curson, J. 1995. *Buntings and Sparrows*. Pica Press, Robertsbridge.
Cottridge, D. & Vinicombe, K.E. 1996. *Rare Birds in Britain and Ireland: a photographic record*.
HarperCollins/Birding World, London.
Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.
Robertson, I.S. 1970a. Slate-coloured Junco in Shetland. *Scottish Birds* 6: 53-54.
Sheddon, I. 1992. Dark-eyed Junco in Hamilton. *Scottish Birds* 16: 280-281.

van den Berg, A.B. & Bosman, C.A.W. 2001. *Rare Birds of the Netherlands*. Pica Press, Robertsbridge.

488 Lapland Longspur (13)

- Batten, L.A., Dennis, R.H., Prestt, I. & the Rare Breeding Birds Panel. 1979. Rare breeding birds in the United Kingdom in 1977. *British Birds* 72: 363-381.
- Byers, C., Olsson, U. & Curson, J. 1995. *Buntings and Sparrows*. Pica Press, Robertsbridge.
- Clarke, W.E. 1904c. On the occurrence of the Short-toed Lark and the Lapland Bunting in the Outer Hebrides. *Annals of Scottish Natural History* 1904: 206-207.
- Clarke, W.E. 1912a. *Studies in Bird Migration*. Two volumes. Gurney & Jackson, London.
- Cumming, I.G. 1979. Lapland Buntings breeding in Scotland. *British Birds* 72: 53-59.
- Davis, P. 1960b. Greenland Redpolls and Lapland Buntings in autumn 1959. *Fair Isle Bird Observatory Bulletin* 4: 128-129.
- Davis, P. 1961c. The Lapland Bunting invasion of 1960. *Fair Isle Bird Observatory Bulletin* 4: 169-170.
- Dymond, J.N. 1991. *The Birds of Fair Isle*. Privately published.
- Furness, R.W. 1983. *The Birds of Foula*. Brathay Trust, Ambleside.
- Sharrock, J.T.R. & the Rare Breeding Birds Panel. 1978. Rare breeding birds in the United Kingdom in 1976. *British Birds* 71: 11-33.
- Sharrock, J.T.R. & the Rare Breeding Birds Panel. 1980. Rare breeding birds in the United Kingdom in 1978. *British Birds* 73: 5-26.
- Sharrock, J.T.R. & the Rare Breeding Birds Panel. 1982. Rare breeding birds in the United Kingdom in 1980. *British Birds* 75: 154-178.
- Williamson, K. & Davis, P. 1956. The autumn 1953 invasion of Lapland Buntings and its source. *British Birds* 49: 6-25.

489 Snow Bunting (30)

- Banks, K.W., Clark, H., Mackay, I.R.K., Mackay, S.G. & Sellers, R.M. 1989. Biometrics and pre-migratory fattening in the Snow Bunting *Plectrophenax nivalis*. *Ringing & Migration* 10: 141-157.
- Banks, K.W., Clark, H., Mackay, I.R.K., Mackay, S.G. & Sellers, R.M. 1991a. Origins, population structure and movements of Snow Buntings *Plectrophenax nivalis* wintering in Highland Region, Scotland. *Bird Study* 38: 10-19.
- Banks, K.W., Clark, H., Mackay, I.R.K., Mackay, S.G. & Sellers, R.M. 1991b. Snow Buntings in Caithness. *Scottish Birds* 16: 57-65.
- Berry, J. 1932. Birds seen in western Caithness, autumn 1931. *Scottish Naturalist* 1932: 39-42.
- Blackwood, G.G. 1911a. Notes on a nest of the Snow Bunting. *Annals of Scottish Natural History* 1911: 115.
- Clarke, E.T. 1907d. Nesting of the Snow Bunting in Aberdeenshire. *Annals of Scottish Natural History* 1907: 115.
- Dixon, J.H. 1886. *Gairloch in north-west Ross-shire, its records, traditions, inhabitants and natural history*. Co-operative Printing Company Ltd, Edinburgh.
- Evans, A.H. & Buckley, T.E. 1899. *A Vertebrate Fauna of the Shetland Islands*. David Douglas, Edinburgh.
- Harvie-Brown, J.A. & Buckley, T.E. 1887. *A Vertebrate Fauna of Sutherland, Caithness and West Cromarty*. David Douglas, Edinburgh.
- Henty, C.J. 1979. The foraging activity of Snow Buntings wintering inland in Scotland. *Bird Study* 26: 192-194.
- Hixman, L.W. & Clarke, W.E. 1893. Nesting of the Snow Bunting (*Plectrophanes nivalis*) in the Eastern Cairngorms. *Annals of Scottish Natural History* 1893: 181-182.
- MacGillivray, W. 1837-52. *A History of British Birds*. Five volumes. W.S. Orr & Co., London.
- MacGillivray, W. 1855. *The Natural History of Deeside and Braemar*. Privately published, London.
- Manson, S.A.M. 2002. *A History of Caithness Birds 1769-2001*. Privately published, Thurso.
- Milsom, T.P. & Watson, A. 1984. Numbers and spacing of summering Snow Buntings and snow cover in the Cairngorms. *Scottish Birds* 13: 19-23.
- Nethersole-Thompson, D. 1966. *The Snow Bunting*. Oliver & Boyd, Edinburgh & London.
- Nethersole-Thompson, D. 1976. Recent distribution, ecology and breeding of Snow Buntings in Scotland. *Scottish Birds* 9: 147-162.
- Pennant, T. 1771. *A Tour in Scotland 1769*. John Monk, Chester.
- Saxby, H.L. 1874. *The Birds of Shetland*. MacLachlan & Stewart, Edinburgh.
- Serle, W. 1907. Note on the breeding of the Snow Bunting in Buchan. *Annals of Scottish Natural History* 1907: 185-186.
- Smith, R.D. 1991. Monitoring of breeding Snow Buntings in 1988 and 1989. In: Stroud, D. & Glue, D. (eds) *Britain's Birds in 1989-90: the conservation and monitoring review*. pp 112-113. BTO/NCC, Stretford.
- Smith, R.D. 1994a. Snow buntings breeding in the Cairngorms: population dynamics and the influence of recreation. *Scottish Natural Heritage Review* 1: 1-65.
- Smith, R.D. 1996. Racial composition of breeding and wintering Snow Buntings *Plectrophenax nivalis* in the north-east Scottish uplands. *Ringing & Migration* 17: 123-136.

- Smith, R.D. & Marquiss, M. 1994. Breeding seasons and nesting success of Snow Buntings in north-east Scotland. *Scottish Birds* 17: 223-234.
- Smith, R.D. & Marquiss, M. 1995. Production and costs of nesting attempts in Snow Buntings *Plectrophenax nivalis*: why do they attempt second broods? *Ibis* 137: 469-476.
- Smith, R.D., Marquiss, M., Rae, R. & Metcalfe, N.B. 1993. Age and sex variation in choice of wintering site by Snow Buntings: the effect of altitude. *Ardea* 81: 47-52.
- Watson, A. 1997a. Habitat use by Snow Buntings in Scotland from spring to autumn. *Scottish Birds* 19: 105-113.
- Watson, A. & Rae, R. 1997a. Numbers of Snow Buntings on arable land in north-east Scotland. *Scottish Birds* 19: 115-116.
- Watson, A. & Smith, R. 1991. Scottish Snow Bunting numbers in summer 1970-87. *Scottish Birds* 16: 53-56.
- Wynne-Edwards, V.C. 1958b. Snow Buntings feeding on Moor Rush. *Scottish Birds* 1: 45.

490 Black-faced Bunting (5)

- Byers, C., Olsson, U. & Curson, J. 1995. *Buntings and Sparrows*. Pica Press, Robertsbridge.
- French, P. 2001. The Black-faced Bunting on Fair Isle. *Birding World* 14: 437-438.
- French, P. 2002. Black-faced Bunting on Fair Isle - a first for Scotland. *Birding Scotland* 5: 37-38.
- Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.
- van den Berg, A.B. & Bosman, C.A.W. 2001. *Rare Birds of the Netherlands*. Pica Press, Robertsbridge.

491 Pine Bunting (7)

- Anon. 1912c. Three new British birds. *British Birds* 5: 238-241.
- Arthur, G.T. 1944. Pine-Bunting in Orkney. *British Birds* 37: 196.
- Balfour, E. & Walker, K.G. 1968. Black-headed and Pine Buntings in Orkney. *Scottish Birds* 5: 225-226.
- Bradshaw, C. & Gray, M. 1993. Identification of female Pine Buntings. *British Birds* 86: 378-386.
- Byers, C., Olsson, U. & Curson, J. 1995. *Buntings and Sparrows*. Pica Press, Robertsbridge.
- Clarke, W.E. 1912b. On the occurrence of the Pine Bunting, Thrush Nightingale, and Baird's Sandpiper in Scotland. *Scottish Naturalist* 1912: 8-10.
- Riddington, R. 1995b. A Pine Bunting hybrid on Fair Isle. *Birding World* 8: 430-431.

492 Yellowhammer (17)

- Baillie, S.R., Crick, H.Q.P., Balmer, D.E., Beaven, L.P., Downie, I.S., Freeman, S.N., Leech, D.I., Marchant, J.H., Noble, D.G., Raven, M.J., Simpkin, A.P., Thewlis, R.M. & Wernham, C.V. 2002. *Breeding Birds in the Wider Countryside: their conservation status 2001*. BTO Research Report 278. BTO, Thetford.
- Bradbury, R.B., Kyrkos, A., Morris, A.J., Clark, S.C., Perkins, A.J. & Wilson, J.D. 2000. Habitat associations and breeding success of yellowhammers on lowland farmland. *Journal of Applied Ecology* 37: 789-805.
- Bradbury, R.B., Wilson, J.D., Moorcroft, D., Morris, A.J. & Perkins, A.J. 2003. Habitat and weather are weak correlates of nestling condition and growth rates of four UK farmland passerines. *Ibis* 145: 295-306.
- Byers, C., Olsson, U. & Curson, J. 1995. *Buntings and Sparrows*. Pica Press, Robertsbridge.
- Calladine, J., Robertson, D. & Wernham, C. 2006. The ranging behaviour of some granivorous passerines on farmland in winter determined by mark-recapture ringing and by radiotelemetry. *Ibis* 148: 169-173.
- Calladine, J., Wernham, C. & Robertson, D. 2004. *The ranging behaviour of some granivorous passerines in winter on farmland: report for the second season winter 2003/04*. Unpublished report 373. BTO Scotland, Stirling.
- Clancey, P.A. 1947c. On the racial status of migrants *Emberiza citrinella* Linnaeus from Asia. *Bulletin of the British Ornithologists' Club* 68: 123-124.
- Crick, H.Q.P., Marchant, J.H., Noble, D.G., Baillie, S.R., Balmer, D.E., Beaven, L.P., Coombes, R.H., Downie, I.S., Freeman, S.N., Joys, A.C., Leech, D.I., Raven, M.J., Robinson, R.A. & Thewlis, R.M. 2004. *Breeding Birds in the Wider Countryside: their conservation status 2003*. BTO Research Report 353. BTO, Thetford.
- Edmondston, A. 1809. *A View of the Ancient and Present State of the Zetland Islands: including their civil, political, and natural history; antiquities; and an account of their agriculture, fisheries, commerce, and the state of society and manners*. J. Ballantyne (printer), Edinburgh.
- Hancock, M.H. & Wilson, J.D. 2003. Winter habitat associations of seed-eating passerines on Scottish farmland. *Bird Study* 50: 116-130.
- McMillan, R.L. 2005. *Skye Birds: an illustrated guide to the birds of Skye*. Skye-birds.com, Elgol.
- Meinertzhagen, R. & Williamson, K. 1953. 'Checklist of the Birds of Great Britain and Ireland' (1952): some comments. *Ibis* 95: 365-369.
- Perkins, A.J., Whittingham, M.J., Morris, A.J. & Bradbury, R. 2002. Use of field margins by foraging yellowhammers *Emberiza citrinella*. *Agriculture, Ecosystems, Environment* 93: 413-420.
- Raven, M.J., Noble, D.G. & Baillie, S.R. 2004. *The Breeding Bird Survey 2003*. BTO Research Report 363. BTO, Thetford.

- SEERAD. 2000. Provisional results of the June 2000 agricultural census, together with final results for the years 1991 to 1999 for comparison. www.scotland.gov.uk/library3/agri/intro.asp. Accessed on 14 March 2006.
- Siriwardena, G.M., Baillie, S.R., Crick, H.Q.P. & Wilson, J.D. 2000. The importance of variation in the breeding performance of seed-eating birds in determining their population trends on farmland. *Journal of Applied Ecology* 37: 128-148.
- Williamson, K. 1951c. Continental Yellow-hammer [on Fair Isle]. *Fair Isle Bird Observatory Bulletin* No 2: 18.

493 Cirl Bunting (7)

- Andrews, I.J. & Naylor, K.A. on behalf of the Scottish Birds Records Committee. 2002. Records of species and subspecies recorded in Scotland on up to 20 occasions. *Scottish Birds* 23: 61-116.
- Brown, P.A. 2002b. Cirl Bunting on North Ronaldsay, 13th August-14th October 2002. *Birding Scotland* 5: 178-182.
- Byers, C., Olsson, U. & Curson, J. 1995. *Buntings and Sparrows*. Pica Press, Robertsbridge.
- Drummond-Hay, H.M. 1886. Report on the ornithology of the east of Scotland, from Fife to Aberdeenshire inclusive. *Scottish Naturalist* 8: 355-380.
- Ogilvie, M. & the Rare Breeding Birds Panel. 2001. Rare breeding birds in the United Kingdom in 1999. *British Birds* 94: 344-381.
- Rintoul, L.J. & Baxter, E.V. 1935. *A Vertebrate Fauna of Forth*. Oliver & Boyd, Edinburgh & London.
- Stewart, W. 1920. Cirl Bunting in Argyllshire. *British Birds* 14: 91.

494 Ortolan Bunting (6)

- Byers, C., Olsson, U. & Curson, J. 1995. *Buntings and Sparrows*. Pica Press, Robertsbridge.
- Campbell, J. 1936. Notes from the Bass Rock. *Scottish Naturalist* 1936: 142.
- Clarke, W.E. 1906c. Some rare birds from Scottish stations. *Annals of Scottish Natural History* 1906: 137-139.
- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Evans, A.H. & Buckley, T.E. 1899. *A Vertebrate Fauna of the Shetland Islands*. David Douglas, Edinburgh.
- Rintoul, L.J. & Baxter, E.V. 1935. *A Vertebrate Fauna of Forth*. Oliver & Boyd, Edinburgh & London.

495 Cretzschmar's Bunting (5)

- Byers, C., Olsson, U. & Curson, J. 1995. *Buntings and Sparrows*. Pica Press, Robertsbridge.
- Dennis, R.H. 1969a. Cretzschmar's Bunting on Fair Isle: new to Britain and Ireland. *British Birds* 62: 144-148.
- Holloway, J. 1998. The Cretzschmar's Bunting on Stronsay. *Birding World* 11: 192-193.
- Oddie, W.E. 1981. Cretzschmar's Bunting in Shetland. *British Birds* 74: 532-533.
- van den Berg, A.B. & Bosman, C.A.W. 2001. *Rare Birds of the Netherlands*. Pica Press, Robertsbridge.

496 Yellow-browed Bunting (5)

- Byers, C., Olsson, U. & Curson, J. 1995. *Buntings and Sparrows*. Pica Press, Robertsbridge.
- Donnelly, P.J. 1993. From the Rarities Committee's files: Yellow-browed Bunting in Orkney. *British Birds* 86: 411-414.
- Gray, M. 1998b. Yellow-browed Bunting on Hoy, Orkney, 4th May 1998. *Birding Scotland* 1: 112-113.
- Kitson, A.R. & Robertson, I.S. 1983. Yellow-browed Bunting: new to Britain and Ireland. *British Birds* 76: 217-225.
- van den Berg, A.B. & Bosman, C.A.W. 2001. *Rare Birds of the Netherlands*. Pica Press, Robertsbridge.

497 Rustic Bunting (7)

- Byers, C., Olsson, U. & Curson, J. 1995. *Buntings and Sparrows*. Pica Press, Robertsbridge.
- Clarke, E.T. 1907c. Rustic Bunting in Aberdeenshire. *Annals of Scottish Natural History* 1907: 114-115.
- Clarke, W.E. 1906c. Some rare birds from Scottish stations. *Annals of Scottish Natural History* 1906: 137-139.
- Eggeling, W.J. 1966. Rustic Bunting in Outer Hebrides. *Scottish Birds* 4: 104-105.
- Gantlett, S. 2005. 2004: the Western Palearctic year. *Birding World* 18: 17-40.
- Gilroy, J.J. & Lees, A.C. 2003. Vagrancy theories: are autumn vagrants really reverse migrants? *British Birds* 96: 427-438.
- Osborn, K. 1999a. Rustic Bunting in Scotland. *Birding Scotland* 2: 7-9.

498 Chestnut-eared Bunting (4)

- Byers, C., Olsson, U. & Curson, J. 1995. *Buntings and Sparrows*. Pica Press, Robertsbridge.
- Shaw, D. 2004a. The Chestnut-eared Bunting on Fair Isle – a new Western Palearctic bird. *Birding World* 17: 415-419.
- Shaw, D. 2004c. Autumn 2004 on Fair Isle - from the worst to the best? *Birding Scotland* 7: 145-151.
- Votier, S. 2001. Eastern buntings: a photo-gallery. *Birding World* 14: 390-396.

499 Little Bunting (7)

- Baxter, P.A.A. 2004. A wintering Little Bunting in North-East Scotland. *Birding Scotland* 7: 80-81.
- Brown, A. & Grice, P. 2005. *Birds in England*. T. & A.D. Poyser, London.
- Clarke, W.E. 1904a. On the occurrence of the Little Bunting (*Emberiza pusilla*) in Orkney: an addition to the Scottish avifauna. *Annals of Scottish Natural History* 1904: 14-16.
- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Eggeling, W.J. 1958. Little Bunting - and other birds - on Rhum. *Scottish Birds* 1: 20-21.
- Saunders, H. & Clarke, W.E. 1927. *Manual of British Birds*. 3rd Edition. Gurney & Jackson, London.
- Tulloch, R.J. 1968c. Little Bunting on Out Skerries, Shetland. *Scottish Birds* 5: 226.

500 Yellow-breasted Bunting (10)

- Bryson, A.G.S., Stenhouse, B.A., Waterston, G. & Watson, A.D. 1948. Occurrence of Yellow-breasted Bunting (*Emberiza aureola*) in Fair Isle. *Scottish Naturalist* 1948: 50-51.
- Byers, C., Olsson, U. & Curson, J. 1995. *Buntings and Sparrows*. Pica Press, Robertsbridge.
- Clarke, W.E. 1912a. *Studies in Bird Migration*. Two volumes. Gurney & Jackson, London.
- Cottridge, D. & Vinicombe, K.E. 1996. *Rare Birds in Britain and Ireland: a photographic record*. HarperCollins/Birding World, London.
- Gantlett, S. 2001. 2000: the Western Palearctic year. *Birding World* 14: 16-18, 27-43.
- Gilroy, J.J. & Lees, A.C. 2003. Vagrancy theories: are autumn vagrants really reverse migrants? *British Birds* 96: 427-438.
- Meiklejohn, M.F.M. 1958. Yellow-breasted Bunting at the Isle of May. *Scottish Birds* 1: 20.
- Saunders, H. & Clarke, W.E. 1927. *Manual of British Birds*. 3rd Edition. Gurney & Jackson, London.
- Williams, E.J. & Balfour, E. 1965. Yellow-breasted Bunting in Orkney. *Scottish Birds* 3: 317, 381.
- Williamson, K. 1951b. Yellow-breasted Bunting at Fair Isle. *Scottish Naturalist* 1951: 186-187.

501 Reed Bunting (10)

- Baillie, S.R., Crick, H.Q.P., Balmer, D.E., Beaven, L.P., Downie, I.S., Freeman, S.N., Leech, D.I., Marchant, J.H., Noble, D.G., Raven, M.J., Simpkin, A.P., Thewlis, R.M. & Wernham, C.V. 2002. *Breeding Birds in the Wider Countryside: their conservation status 2001*. BTO Research Report 278. BTO, Thetford.
- Byers, C., Olsson, U. & Curson, J. 1995. *Buntings and Sparrows*. Pica Press, Robertsbridge.
- Crick, H.Q.P., Marchant, J.H., Noble, D.G., Baillie, S.R., Balmer, D.E., Beaven, L.P., Coombes, R.H., Downie, I.S., Freeman, S.N., Joys, A.C., Leech, D.I., Raven, M.J., Robinson, R.A. & Thewlis, R.M. 2004. *Breeding Birds in the Wider Countryside: their conservation status 2003*. BTO Research Report 353. BTO, Thetford.
- Gregory, R.D., Wilkinson, N.I., Noble, D.G., Robinson, J.A., Brown, A.F., Hughes, J., Procter, D., Gibbons, D.W. & Galbraith, C.A. 2002. The population status of birds in the United Kingdom, Channel Islands and Isle of Man: an analysis of conservation concern 2002-2007. *British Birds* 95: 410-448.
- Jenni, L. & Winkler, R. 1994. *Moult and Ageing of European Passerines*. Academic Press, London.
- Matessi, G. 1999. *Evolutionary patterns in European populations of reed bunting (Emberiza schoeniclus ssp)*. Unpublished PhD thesis, University of Ferrara, Italy.
- Peach, W.J., Siriwardena, G.M. & Gregory, R.D. 1999. Long-term changes in over-winter survival rates explain the decline of reed buntings in Britain. *Journal of Applied Ecology* 36: 798-811.
- RSPB. 2002. *Conservation Science in the RSPB 2002*. RSPB, Sandy.
- Sibbald, R. 1684. *Scotia Illustrata, sive Prodromus Historia Naturalis*. J. Kniblo, J. Solingensis & J. Colmarii, Edinburgh.
- Walton, C. 1999. Reed Bunting movements in eastern Scotland. *Colour Ringing Report* 4.

502 Pallas's Bunting (5)

- Broad, R.A. & Oddie, W.E. 1980. Pallas's Reed Bunting: new to Britain and Ireland. *British Birds* 73: 402-408.
- Byers, C., Olsson, U. & Curson, J. 1995. *Buntings and Sparrows*. Pica Press, Robertsbridge.
- Gantlett, S. 1997. 1996: the Western Palearctic year. *Birding World* 10: 19-35.
- Gantlett, S. 1998. 1997: the Western Palearctic year. *Birding World* 11: 21-37.
- Riddiford, N. & Broome, T. 1983. Identification of first-winter Pallas's Reed Bunting. *British Birds* 76: 174-182.

503 Black-headed Bunting (11)

- Balfour, E. & Walker, K.G. 1968. Black-headed and Pine Buntings in Orkney. *Scottish Birds* 5: 225-226.
- Byers, C., Olsson, U. & Curson, J. 1995. *Buntings and Sparrows*. Pica Press, Robertsbridge.
- Clarke, W.E. 1908a. The birds of Fair Isle. - III. Report on observations made during the year 1907. *Annals of Scottish*

Natural History 1908: 72-85.

- Clarke, W.E. 1911a. Birds observed at Fair Isle during the year 1910. *Annals of Scottish Natural History* 1911: 53.
- Davies, C. 2001. The European Bird Report. Passerines. *British Birds* 94: 419-430.
- Dymond, J.N., Fraser, P.A. & Gantlett, S.J.M. 1989. *Rare Birds in Britain and Ireland*. T. & A.D. Poyser, Calton.
- Evans, L.G.R. 1994. *Rare Birds in Britain 1800-1990*. LGRE Publications, Amersham.
- Macpherson, H.A. 1887. Reported occurrence of *Emberiza melanocephala* in Scotland. *Zoologist* 45: 193.
- Ramsay, A.D.K. 1971. Black-headed Bunting in Outer Hebrides. *Scottish Birds* 6: 338.
- Tulloch, R.J. 1966. Black-headed Bunting in Shetland. *Scottish Birds* 4: 103-104.
- Wilson, J. 1929. Black-headed Bunting at Fair Isle. *Scottish Naturalist* 1929: 164.

504 Corn Bunting (35)

- Brickle, N.W., Harper, D.G.C., Aebischer, N.J. & Cockayne, S.H. 2000. Effects of agricultural intensification on the breeding success of corn buntings *Miliaria calandra*. *Journal of Applied Ecology* 37: 742-755.
- Brown, A.W., Leven, M.R. & da Prato, S.R.D. 1984. The status of the Corn Bunting in the Lothians. *Scottish Birds* 13: 107-111.
- Byers, C., Olsson, U. & Curson, J. 1995. *Buntings and Sparrows*. Pica Press, Robertsbridge.
- Cadbury, C.J. 1983. Status of the corncrake (*Crex crex*) and corn bunting (*Miliaria calandra*) in the Inner Hebrides. *Proceedings of the Royal Society of Edinburgh* 83B: 468-469.
- Cook, M. 1992. *The Birds of Moray and Nairn*. The Mercat Press, Edinburgh.
- Crick, H.Q.P. 1997. Long-term trends in corn bunting *Miliaria calandra* productivity in Britain. In: Donald, P.F. & Aebischer, N.J. (eds) *The Ecology and Conservation of Corn Buntings Miliaria calandra*. UK Nature Conservation, No. 13. pp 52-64. Joint Nature Conservation Committee, Peterborough.
- Donald, P.F. 1997. The corn bunting *Miliaria calandra* in Britain: a review of current status, patterns of decline and possible causes. In: Donald, P.F. & Aebischer, N.J. (eds) *The Ecology and Conservation of Corn Buntings Miliaria calandra*. UK Nature Conservation, No. 13. pp 11-26. Joint Nature Conservation Committee, Peterborough.
- Donald, P.F. & Evans, A.D. 1995. Habitat selection and population size of Corn Buntings *Miliaria calandra* breeding in Britain in 1993. *Bird Study* 42: 190-204.
- Donald, P.F., Hines, P., Jackson, P., Dustow, J., Hepburn, I., Albon, G.F. & Jervis, S. 1996. Numbers, distribution and habitat associations of Corn Buntings on the Outer Hebrides and Tiree in 1995. *Scottish Birds* 18: 170-181.
- Donald, P.F., Wilson, J.D. & Shepherd, M. 1994. The decline of the Corn Bunting. *British Birds* 87: 106-132.
- Goodbody, I.M. 1955. Field notes in the Corn Bunting (*Emberiza calandra*): habitat and distribution in Aberdeenshire. *Scottish Naturalist* 1955: 90-97.
- Hartley, I.P. & Shepherd, M. 1994. Nesting success in relation to timing of breeding in the Corn Bunting on North Uist. *Ardea* 82: 173-184.
- Hartley, I.R. & Quicke, D.L.J. 1994. The diet of nestling Corn Buntings on North Uist - insects not grain. *Scottish Birds* 17: 169-170.
- Hartley, I.R. & Shepherd, M. 1997. The behavioural ecology of breeding corn buntings *Miliaria calandra* on North Uist. In: Donald, P.F. & Aebischer, N.J. (eds) *The Ecology and Conservation of Corn Buntings Miliaria calandra*. UK Nature Conservation, No. 13. pp 88-102. Joint Nature Conservation Committee, Peterborough.
- Hustings, F., Post, F. & Schepers, F. 1990. Are Corn Buntings disappearing as breeding birds in the Netherlands? *Limosa* 63: 103-111.
- Macdonald, D. 1960b. Early nesting of Corn Bunting. *Scottish Birds* 1: 277.
- Macdonald, D. 1961. Prolonged nestling period of Corn Bunting. *Scottish Birds* 1: 495.
- Macdonald, D. 1965b. Notes on the Corn Bunting in Sutherland. *Scottish Birds* 3: 235-246.
- Macdonald, D. 1985. Disappearance of the Corn Bunting from south-east Sutherland. *Scottish Birds* 13: 189.
- Murray, S. 2002b. The birds of St Kilda. *Scottish Birds* 23 (supplement): 1-64.
- Newton, I. 2004. The recent declines of farmland bird populations in Britain: an appraisal of causal factors and conservation actions. *Ibis* 146: 579-600.
- Rae, R. 2000. Corn Buntings in North-East Scotland, 1998-1999. *North-East Scotland Bird Report* 1999: 111-114.
- Rae, R. & Duthie, E. 2000. Corn Buntings in and around Aberdeen 1967-1985. *North-East Scotland Bird Report* 1999: 110.
- Ryves, I.N. & Ryves, B.H. 1934a. The breeding-habits of the Corn-Bunting as observed in north Cornwall: with special reference to its polygynous habit. *British Birds* 28: 2-26.
- Ryves, I.N. & Ryves, B.H. 1934b. Supplementary notes on the breeding-habits of the Corn-Bunting as observed in north Cornwall in 1934. *British Birds* 28: 154-164.
- Shepherd, M. & Hartley, I.R. 1995. Polyterritoriality in a population of Corn Buntings on North Uist. *Scottish Birds* 18: 116.
- Shepherd, M., Hartley, I.R. & McGregor, P.K. 1997. Natal philopatry and breeding site fidelity of Corn Buntings *Miliaria calandra* on North Uist. In: Donald, P.F. & Aebischer, N.J. (eds) *The Ecology and Conservation of Corn Buntings Miliaria calandra*. UK Nature Conservation No. 13. pp 103-114. Joint Nature Conservation Committee, Peterborough.

- Shrubb, M. 1997. Historical trends in Britain and Irish corn bunting *Miliaria calandra* populations - evidence for the effects of agricultural change. In: Donald, P.F. & Aebsicher, N.J. (eds) *The Ecology and Conservation of Corn Buntings Miliaria calandra*. UK Nature Conservation, No. 13. pp 27-41. Joint Nature Conservation Committee, Peterborough.
- Svensson, L. 1992. *Identification Guide to European Passerines*. Svensson, Stockholm.
- Thompson, D.B.A. & Gribbin, S. 1986. Ecology of Corn Buntings *Miliaria calandra* in NW England. *Bulletin British Ecological Society* 17: 69-75.
- Watson, A. 1992a. Some post-war declines in Corn Bunting numbers in north-east Scotland. *Scottish Birds* 16: 273-275.
- Watson, A. 1992b. Unripe grain, a major food for young finch-like birds. *Scottish Birds* 16: 287.
- Watson, A. & Rae, S. 1997b. Preliminary results from a study of habitat selection and population size of corn buntings *Miliaria calandra* in north-east Scotland. In: Donald, P.F. & Aebsicher, N.J. (eds) *The Ecology and Conservation of Corn Buntings Miliaria calandra*. UK Nature Conservation, No. 13. pp 115-123. Joint Nature Conservation Committee, Peterborough.
- Watson, A., Swann, R.L., McGhie, H. & Nethersole-Thompson, M. 1999. Corn Bunting decline in Easter Ross. *Scottish Birds* 20: 34.
- Williams, T.D., Reed, T.M. & Webb, A. 1986a. Population size, distribution and habitat use of the Corn Bunting in the Uists and Benbecula. *Scottish Birds* 14: 57-60.

505 Rose-breasted Grosbeak (1)

Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.

506 Bobolink (5)

- Cottridge, D. & Vinicombe, K.E. 1996. *Rare Birds in Britain and Ireland: a photographic record*. HarperCollins/Birding World, London.
- Harvey, P.V. & Riddiford, N. 1987. Bobolink on Fair Isle. *Scottish Birds* 14: 256.
- Lewington, I., Alström, P. & Colston, P. 1991. *A Field Guide to the Rare Birds of Britain and Europe*. HarperCollins, London.
- McKee, M. 2001. Bobolink on Skerries - third SBC area record, fourth Shetland record. *Shetland Bird Report* 2000: 98.
- Ridgely, R.S. & Tudor, G. 1989. *The Birds of South America*. Volume 1. Oxford University Press, Oxford.

507 Brown-headed Cowbird (5)

- Brewer, A.D. 1995. Cowbird warning. *British Birds* 88: 157.
- British Ornithologists' Union (BOU). 1993b. British Ornithologists' Union Records Committee: 19th Report (May 1993). *Ibis* 135: 493-499.
- Gustad, J.R. 1995. The Norwegian Brown-headed Cowbird. *British Birds* 88: 377.
- McKay, C.R. 1994. Brown-headed Cowbird in Strathclyde: new to Britain and Ireland. *British Birds* 87: 284-288.
- Morrison, M.L., Hall, L.S., Robinson, S.K., Rothstein, S.I., Hahn, D.C. & Rich, T.D. 1999. Research and management of the Brown-headed Cowbird in western landscapes. *Studies in Avian Biology* 18.

508 Baltimore Oriole (5)

- British Ornithologists' Union (BOU). 2003. British Ornithologists' Union Records Committee: 29th Report (October 2002). *Ibis* 145: 178-183.
- Broad, R.A. 1978c. Baltimore Oriole at Fair Isle. *Scottish Birds* 10: 58-59.
- Evans, A.H. & Buckley, T.E. 1899. *A Vertebrate Fauna of the Shetland Islands*. David Douglas, Edinburgh.
- Harting, J.E. 1890. The Baltimore Oriole in Shetland. *Zoologist* 48: 457.
- Osborn, K., Harvey, P. & Suddaby, D. 1998a. A new first for Britain? *Birding Scotland* 1: 18-19.

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