

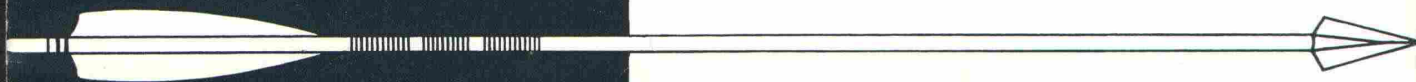
Catalog 23



# Bear archery

company

grayling, michigan





W. F. Newton, of the A. M. Holter Hardware Co., Helena, Montana, with the moose he killed in the fall of 1949 using a 57-lb. Grizzly bow. One arrow cut a rib, passed through the heart and emerged from the other side.

**SINCE 1927** the Bear Archery Company has specialized in the production of what we believe to be the finest archery equipment available. Many of the products shown in this catalog were pioneered by Fred Bear and designed as his experience and skill dictated, later to become standard equipment used by bow enthusiasts everywhere.

With the impressive and steady growth of the sport, as target archers, field shooters and bow hunters swell in number all over the world, Bear has kept pace by means of continuous research and improvement. Today's equipment, built on the foundations of long experience yet utilizing to their fullest extent the remarkable properties of modern materials, is by far the most efficient ever produced. Its use will bring you greater enjoyment and convenience—and a new thrill in the ever-enchanting flight of an arrow.



Factory at Grayling, Michigan — in the heart of one of the nation's favorite hunting areas.

## about kodiak, grizzly and polar bows . . .

Essentially a simple device, a good bow is at the same time a highly complex mechanism. Centuries of experiment and tradition, manuscripts, books, and mathematical formulae have been devoted to the better understanding of the unique system of mechanical leverage we put in to operation each time we release a bowstring.

One principle has evolved which is more important to efficient bow function than any other factor. Stated simply it is this: in its return from the bent position the speed of the bow limb depends upon the ability of the material on the *back* of the bow to recover completely from *elongation*, and upon that of the material on the *face* of the bow to resist and recover from *compression*.

While this fact is elementary, it is often neglected in bow design because of the difficulty in joining together materials having the required physical properties. Of these, glass filament is beyond question the most suitable for the back of a bow; scientific measurement shows that its recovery from elongation is 100% and instantaneous. For the opposite function hard aluminum alloy possesses extremely high resistance to compression in relation to its weight, and thus makes an ideal choice for the face of a bow.

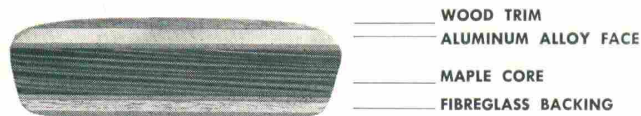
In 1949 the Bear Archery Company completed the development of a process which makes it possible to combine these modern scientifically developed and super-strength materials. KODIAK, GRIZZLY and POLAR bows are produced in this exclusive construction which welds together Fibreglas, wood and aluminum alloy to achieve the very finest in bow performance and uniformity. Measurably different from all others, this bow construction is covered by U. S. Patent application Serial No. 157,213.

**cast** Actual velocity tests prove these bows to be faster than any other type excepting the short impractical special flight bows.

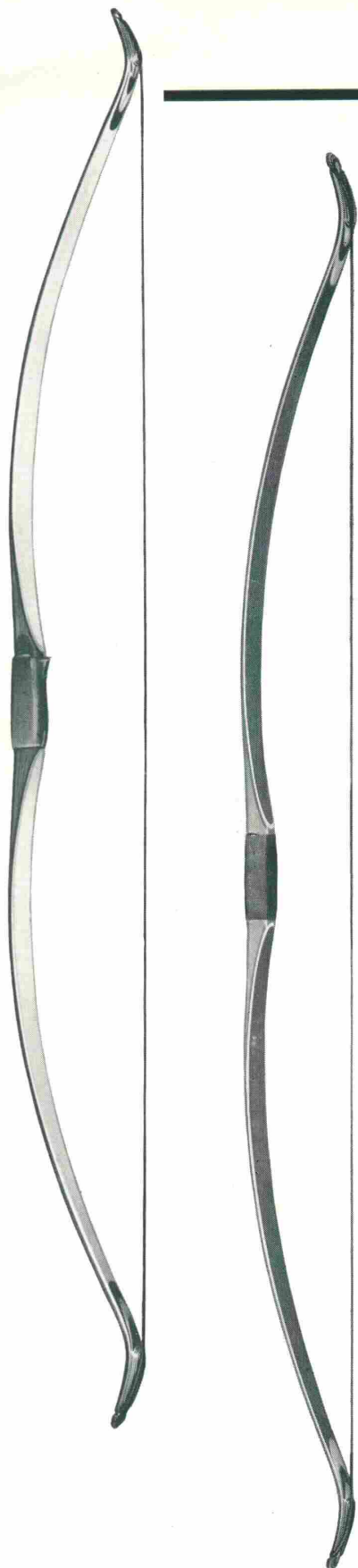
**safety** The basic principle of composite construction is as sound in bow-making as in aircraft. The bonds which weld the bows together are incredibly strong and tough,—proved safe by the thousands of bows in daily use.

**no let-down** Tested by tournament use in desert heat, these bows show no change in draw-weight or cast, regardless of temperature or humidity. And after 25,000 shots the average loss is less than two pounds.

**good looks** In addition to being well engineered and surprisingly light in weight, Bear bows are clean and trim looking. The aluminum face is hidden by thin hardwood of selected grain, hand rubbed in a special finish. Bear craftsmanship, widely recognized, is evident in every bow.



Detail shows cross-section of bow limb  
— KODIAK, GRIZZLY and POLAR bows.



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## kodiak bow

Length 64"  
Weights 35 to 100 lbs.  
30" draw limit  
Double-loop string  
Each bow shipped in bowcase  
Registered, guaranteed  
\$44.50

A custom-grade bow for those who demand the finest. Shaped handle with arrow plate near center-line of bow, and arrow-rest a part of the handle. The extra length of the Kodiak means a wider and more comfortable string angle, a smooth and accurate bow. Recommended for all kinds of shooting and for those who draw arrows longer than 28". Beautifully finished in blond tones.

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## grizzly bow

Length 62"  
Weights 25 to 75 lbs.  
28" draw limit  
Double-loop string  
Registered, guaranteed  
\$37.50

The best-known and most widely acclaimed bow ever produced, the Grizzly is outstanding for target, field, roving or hunting. Unsurpassed for cast, this bow is also safe, durable, exceptionally beautiful; light in the hand and a pleasure to shoot, it will not change under any weather conditions—truly the perfect all-around bow.

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WHEN ORDERING, SPECIFY WEIGHT AND DRAW, RIGHT OR LEFT HAND.

*BEGINNERS: If you are not an experienced archer we will be glad to help you select the proper equipment. Tell us your height, weight and age, and whether you want the bow for hunting, target shooting, or both.*

## polar bow

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Length 62"  
Weights 25 to 75 lbs.  
28" draw limit  
Double-loop string  
Registered, guaranteed  
\$27.50

This straight bow has shooting qualities usually found only in recurved models, a direct result of its aluminum-fiberglas construction. No let-down under any conditions — rugged and tough.

## ranger bow

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Length 64"  
Weights 25 to 75 lbs.  
28" draw limit  
Double-loop string  
Registered, guaranteed  
\$16.50

The finest and best-looking lemonwood self-bow, with the added protection and performance of a fiberglas back. Fully hand-tillered, smartly finished and hand-rubbed. The perfect low-cost bow.

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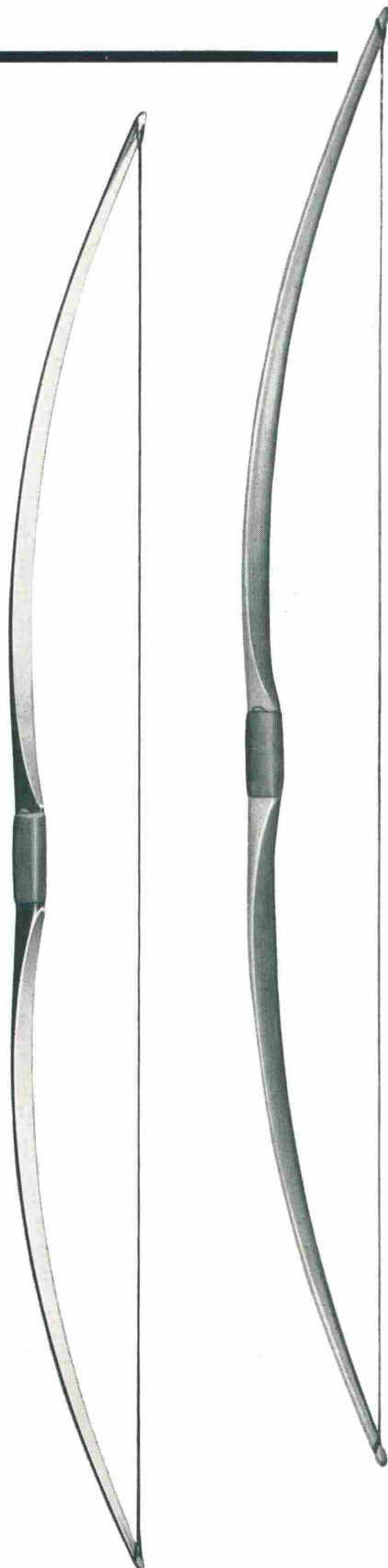
### BOW GUARANTEE

*Every BEAR Bow is numbered, and accompanied by a registration card which must be filled out and mailed by the purchaser within ten days after date of purchase.*

*Should failure occur in a bow so registered within a period of two months after date of purchase, the Bear Archery Company will make free repair or replacement unless the bow shows evidence of misuse or improper handling.*

*After this sixty day period and provided the bow has not been abused or mishandled, replacement will be made on an exchange basis whereby the owner will pay for the use he has had from the bow at the rate of 10% per month based on the purchase price.*

*Dealers are not authorized to make replacements or adjustments.*





**alaskan** Q-100 \$17.75  
 Smaller Model Q-150 \$15.75  
 (For 25" and 26" arrows)

A DeLuxe shoulder quiver designed for 24 to 30 arrows. Full top grain cowhide in brown and tan combination, with three compartments and large zipper pocket.

**western** Q-200 \$14.75  
 Smaller Model Q-250 \$12.75  
 (For 25" and 26" arrows)

A beautifully proportioned quiver for 20 to 24 arrows, with two compartments. Unusual zipper opening makes pocket easily accessible. Top grain leather, two-tone brown and tan.



**texan** Q-300 \$ 8.75

Clean lines bring out the beauty of the fine leather in this quiver for 14 to 18 arrows. Two compartments; brown and tan combination.

**blackhawk** Q-400 \$ 6.75  
 Bearhyde Model Q-500 \$ 3.95  
 (Heavy imitation leather)

A single compartment shoulder quiver for 10 to 12 arrows. Full top grain in brown and tan combination.

**mohican** Q-600 \$ 4.75  
 Bearhyde Model Q-700 \$ 2.25

Belt quiver holding 8 to 10 arrows; of top grain leather, including belt.

**scholar** (Not pictured) Q-800 \$ .90

Small Bearhyde belt quiver, for 4 to 6 arrows. 19" long. Without belt.

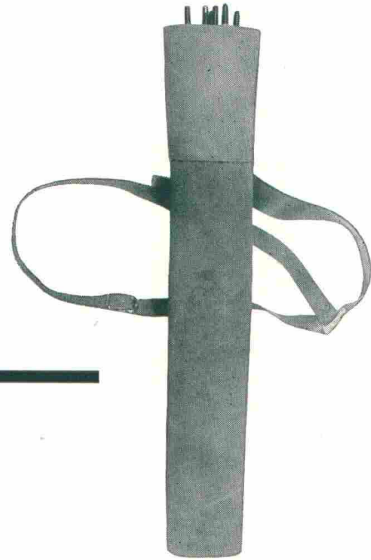
# quivers

**northwoods** Q-850 \$16.50  
Specify long (for 27" - 28" arrows)  
or short (for shorter arrows)

The famous hunting quiver, designed to carry nine broadhead arrows noiselessly and safely. Dull-finish, best quality brown leather; individual broadhead pockets, bristle insert to prevent arrow-rattle. Pack harness.

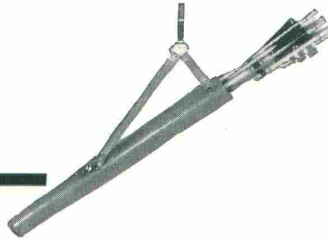
This quiver is worn straight down the middle of the back, placing the arrow nocks just behind the neck where they will not catch on brush. The height on the back is adjustable.

For exclusive hunting use in typically brushy deer areas we strongly recommend the NORTHWOODS, or the BOW QUIVER shown below.



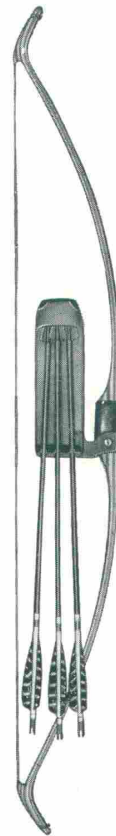
**champion quiver** Q-900 \$ 3.75

Lustrous saddle leather target quiver, with belt hook.



**bow quiver** Q-1000 \$ 8.75

The perfect hunting quiver — light, quiet, convenient. Attached to the bow by means of one thumb-screw in a threaded brass bushing permanently installed in the bow-handle, the bow quiver can be removed or attached easily. Does not weaken bow — does not affect shooting accuracy. Covered by U.S. Patent No. 2464068.



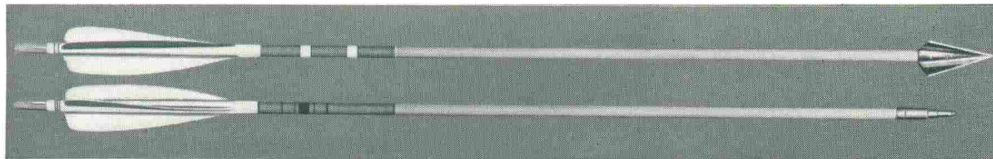
**hip pocket quiver** Q-925 \$ 1.50  
De Luxe model Q-950 \$ 2.50

Heavy saddle leather as shown. The De Luxe model has a quick-action belt flap, and lip which prevents pocket wear. (not pictured).



**SPECIFY IF YOU WANT LEFT HAND QUIVERS!**

## arrows

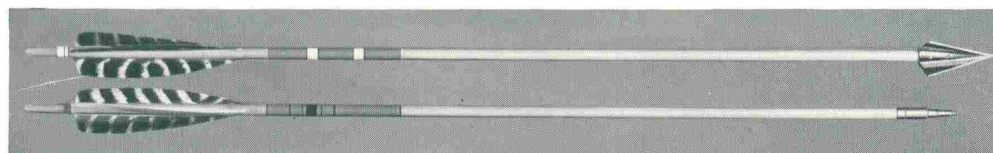


### custom arrows

Custom-grade arrows of Port Orford Cedar, closely matched for spine and weight.  $\frac{5}{16}$ " or  $\frac{11}{32}$ " diameter, tapered to slightly smaller nock. 5-inch true spiral feathers: two white with colored cock-feather (grey-barred instead of white on hunting arrows). Special smooth high-gloss finish.

Shaft color: Natural with 7" white band under fletching. Small attractive crest, finely pinstriped. Lengths to 29". This arrow available in full length white, yellow or olive drab at no extra charge.

A-100H	with BOD-KIN hunting heads	\$15.00 doz.
A-100S	Set of 6 BOD-KINS and 6 field points	13.50 doz.
	EXTRAS: ESKIMO or COBRA heads	1.50 doz. Extra
	Single-blade heads	.50 doz. Less
A-100F, B or T	with field, blunt or target points	12.00 doz.
	Less-than-dozen lots	1.00 lot Extra
	Special crest and fletching	1.00 doz. Extra



### de luxe arrows

The most popular all-around arrow. Matched Port Orford Cedar parallel shafts,  $\frac{5}{16}$ " or  $\frac{11}{32}$ " diameter. 5-inch spiral feathers: two grey-barred with clear cock feather. Smooth high-gloss finish. All shafts natural color, with 7" white band under fletching. Crested in attractive colors, finely striped. Length 26, 27, 28 and 29 inches.

Not available with special crest or fletching.

A-200H	with BOD-KIN hunting heads	\$13.00 doz.
A-200S	Set of 6 BOD-KINS and 6 field points	11.50 doz.
	EXTRAS: ESKIMO or COBRA heads	1.50 doz. Extra
	Single-blade heads	.50 doz. Less
A-200F, B or T	with field, blunt or target points	10.00 doz.
	Less-than-dozen lots	1.00 lot Extra



### practice arrows

An economically-priced arrow for beginners and for rough use. Parallel cedar shafts,  $\frac{5}{16}$ " or  $\frac{11}{32}$ " diameter.  $3\frac{1}{2}$ " grey-barred feathers, bright color band. Length 26", 27" or 28".

Not available with hunting heads, or with special crest or fletching.

A-300T	with target points	\$6.75 doz.
A-300F	with field points	7.00 doz.
	Less-than-dozen lots	.50 lot Extra



### aluminum arrows

Made of 24 SRTX aluminum alloy by Easton. Target-type points are recommended and will be shipped unless otherwise specified.

XA-400 T or F	Target or field points	\$24.00 doz.
XA-400H	Broadhead points	30.00 doz.

➔ When ordering arrows specify bow-weight and draw-length. The length of an arrow is measured from the bottom of the nock to the farthest-forward part of the point, excluding tip. Hunting arrows are measured to a point on the shaft  $\frac{3}{4}$ " from the broadhead.



## nocks and points

### speed nocks

The first open-throat nock, and the most popular with both hunters and target shooters.

Shaft sizes:  $\frac{1}{4}$ " ,  $\frac{5}{32}$ " ,  $\frac{3}{16}$ " ,  $\frac{1}{32}$ "

Colors: Red, yellow, white, blue, green, black.



### nock-ease

The longer, thinner nock.

Shaft sizes:  $\frac{5}{16}$ " ,  $\frac{1}{32}$ "

Colors: Red, yellow, white, orange, green, black.

prices of SPEED NOCKS and NOCK EASE

\$0.45 dozen    \$3.00 hundred    \$25.00 thousand

Purchases of nocks at the hundred-lot price are limited to *one* size and color.

Purchases of nocks at the thousand-lot price are limited to *five* changes of *size* or color.

Substitutions will be made if colors ordered are not available.



arrow points	field	target	blunt
To fit over 5/16" shafts	11/32 x 100F	11/32 x 45T	11/32 x 100B
To fit over 11/32" shafts	3/8 x 125F	3/8 x 60T	3/8 x 125B
	.80 dozen \$5.50 hundred	.60 dozen \$4.00 hundred	.60 dozen \$4.00 hundred

### standard brass target piles

For  $\frac{5}{16}$ " shafts — 30 grain: .30 dozen, \$2.00 hundred.

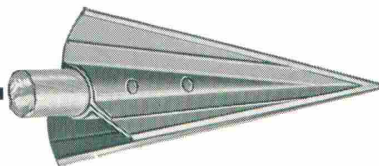
### easy-out field points

A new point with a special feature permitting easy removal from trees. Plated finish. To fit over  $\frac{1}{32}$ " shafts: \$1.00 doz. \$7.50 hundred.



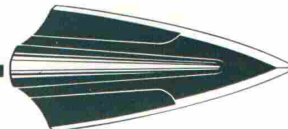
### bod-kin broadheads

Three-blade hunting head which features extra cutting surface and ease of sharpening. 100 grain —  $\frac{7}{8}$ " or 130 grain —  $1\frac{1}{16}$ " : \$3.75 dozen.

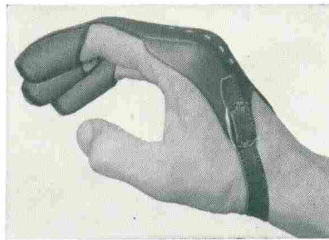


### single blade broadheads

135 grain —  $\frac{1}{16}$ " : \$3.50 dozen.



## shooting gloves and tabs



**pro glove** G-110 \$2.00

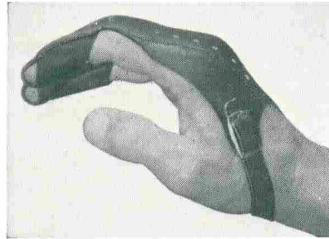
Cordovan tips, closed-end style.

**hunter glove** G-120 \$1.65

Cowhide tips, open-end style.

**perfect glove** G-125 \$1.90

Cordovan Tips, open-end style.



Glove backs are brown calfskin, in exclusive knuckle-pocket design for greater comfort.

*Specify Size:* Mens Extra Large  
Mens Large  
Mens Medium  
Mens Small  
Ladies

*Right or Left Hand*

**tab** T-230 .35c

Cordovan. Large or small size

**tab** T-240 .20c

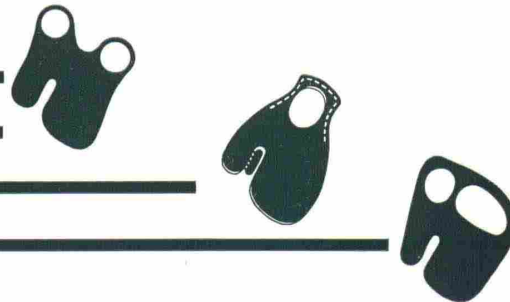
Cowhide. Large or small size

**marshall tab** T-210 .60c

Lined Cordovan. Large, medium or small

**western tab** T-220 .45c

Heavy Cordovan. Large or small size



**kool armguard** W-160 \$1.95

Cordovan leather, fully lined, with concealed spring-steel stays. Brown elastic straps, quick-action hook fasteners.



**hunter armguard** W-170 \$2.95

Cordovan leather, fully lined, with concealed spring-steel stays. Three leather straps and buckles. Preferred by hunters.



**bowcase** C-280 \$1.75

Light weight suede-finished fabric case, with reinforced end. Bound flap with tie string. Fits all bows up to 5' 6" long. A necessary protection for fine bow finishes.

**bow sock** S-260 \$1.25

Tubular woven cloth. Olive-green water-repellent dull finish, for effective camouflage of the bow when hunting.

## **miscellaneous**

### **bow strings**

M-100 \$1.50 ea.

Double-loop fortisan string, fully served. Specify bow draw weight and bow length: 5', 5'2", 5'4", 5'6" or 5'8".

### **bowyers wax**

M-200 \$ .35 ea.

2-ounce Cake. The right wax for bow strings.

### **matched shafts**

M-300 (parallel) \$2.50 doz.

M-300T (tapered) \$3.00 doz.

Port Orford Cedar Arrow Shafts, carefully matched for weight and spine.  $\frac{3}{8}$ " diameter or  $\frac{1}{32}$ ". Specify bow weight.

### **feathers**

Full-Length Ground-Base Turkey Pointers

Grey Barred M-400B .65 doz.

White M-400W .75 doz.

Clear (red, orange or yellow) M-400C .85 doz.

### **fletching cement**

M-500 \$ .25 ea.

2 ounce tube. The right cement for feathers and nocks.

### **ferrule cement**

M-600 \$ .25 ea.

Stick cement for Broadheads, applied with heat.

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### **glass bow-backing**

Manufactured in our factory exclusively for use on bows, this backing has qualities not available in other types. Ready for bonding with any good wood-adhesive. Size 1½" x 66"

For bows to 50 lbs.	M-703 — 3 ply	\$5.00
For bows to 65 lbs.	M-704 — 4 ply	\$6.00
For bows heavier	M-705 — 5 ply	\$7.00

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### **targets and target faces**

#### **straw targets**

Best quality machine-wound butts, of wild marsh grass.

ST48 — 48" Diameter — \$12.00 ea.

ST24 — 24" Diameter — \$5.00 ea.

ST36 — 36" Diameter — \$ 7.75 ea.

ST16 — 16" Diameter — \$3.00 ea.

Straw targets are shipped F.O.B. Manila, Iowa.

#### **paper target faces**

Heavy water-repellent paper, accurately printed in 4 colors.

P48 — 48" — .80

P36 — 36" — .50

P24 — 24" — .35

P16 — 16" — .15

Paper faces, cut round, with cloth skirt and drawstring.

P48S — 48" — \$2.25

P36S — 36" — 1.70

P24S — 24" — 1.20

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### **field faces**

On corrugated board and on paper. Because of possible changes in official NFAA target specifications, these are not listed here. Write for current information.



Fred Bear with a highly-prized trophy.

**GENERAL ORDERING AND CREDIT INSTRUCTIONS:**

Prices are F.O.B. Grayling, Michigan unless otherwise stated, and are subject to change without notice. Unless satisfactory credit references are furnished material will be shipped C.O.D. Minimum order \$1.00. All articles can be supplied for lefthanded shooters — be sure to specify this. If you send check with order please allow for *insured* parcel post charges and sales tax where applicable.

**ARCHERY FILMS AVAILABLE:**

Bow hunting films in 16 mm. color are available to clubs and groups. Write to: Capital Film Service, 224 Abbott Road, East Lansing, Michigan

**ARCHERY MAGAZINES PUBLISHED MONTHLY:**

Archery Magazine	The Bow Hunter	The American Bowman Review
121 N. Broadway	4007 DuPont Ave., N.	McMinnville, Oregon
Los Angeles 12, Calif.	Minneapolis 12, Minn.	

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**BEAR ARCHERY COMPANY**

**GRAYLING, MICHIGAN**