April / May / June 2010 Volume 19, Number 2

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- The 2010 Tucson Gem Show: an in-depth report by Lois Berger on what was being displayed and what consumers were buying.
- Beginning a report on the nautilus and its unique pearl, to be continued in another issue.
- Micronesian Blue Peacock and Emerald Green pearls debut April 24th on Pohnpei.







EDITORIAL

A NEW PEARL?

In the report by Lois Berger on the Tucson Gem Show (see pages 6-14), she mentions a new type of CFWP called a "soufflé" pearl. We were alerted to this some time earlier by Jack Lynch of Sea Hunt Pearls who sent us photos and a brief blurb on this new find of his.



These are a new type of Chinese freshwater pearl on the market and I thought it might be of interest to you.

The method of cultivation is a new step in the coin pearl / spherical bead nucleation process.

First a coin pearl is grown in the mussel and after it is harvested there is then a pearl sack. Previously, the choices after that were to insert a bead nucleus for a "fireball" type pearl or put it back in the water with no nucleus in hopes of a keshi pearl.

With this new process, they take some pond "muck" and form a dried hard mass and insert that as a nucleus. As the pearl is forming, water eventually seeps into the area with the nucleus and dissolves the hardened "muck."

When the pearl is drilled, a very putrid liquid drains out from it and leaves a negative interior space. After rinsing out the pearls and drying completely, the smell is gone. The walls of these new pearls are very thick and stable. This is a rough idea of the process.

Nick Sturman of GIA Gem Lab in Bangkok, along with Elisabeth Strack of Germany, are working on an article on these pearls for Gems & Gemology. They will be able to provide you a more scientific explanation for this process when the article comes out.

I will be showing these beauties at the AGTA show in Tucson this year. These new pearls are 13 to 20+ mm.

My thanks to Jack for his



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PEARL WORLD is published quarterly by Pearl World LLC. Office: 302 West Kaler Drive / Phoenix, Arizona 85021-724302 / USA. Telephone: XXX-(602) 678-6799. Facsimile: XXX- (602) 678-6799. E-mail address: trd1010@qwest.net © 2010 PEARL WORLD LLC. All rights reserved. Any reproduction or use, in whole or part, of editorial or graphic content in any manner is prohibited without written permission. One year subscription: US\$130 for North America, US\$160 elsewhere. For comments or opinions, please write, call or fax PEARL WORLD, attention Editor. "Pearl World, The International Pearling Journal" is registered in the U.S. Patent and Trademark Office. courtesy, and to Lois for her usual comprehensive coverage of this annual event.

n other note, we were preparing for a major article on nautilus pearls when our space shrank due to the report on the Tucson Gem Show, and we were informed that the full story on the nautilus pearls had yet to unfold.

For the pearl report, we salute our intrepid friend, Los Berger, once again... and we thank another friend, Steve Metzler, for getting us involved in the story of the rare and beautiful product of the cephalopod mollusk from the South Pacific which we hope we may be able to bring to this journal in the next issue.

A late notice from an old friend of ours informs us: The College of Micronesia Land Grant Program has been working on pearl quality improvement research for developing a new "Micronesian Pearl" industry. As this young industry is ready to take off this year, we would like to introduce you to the world's finest and rarest pearls, "Micronesian Blue Peacock" and "Micronesian Emerald Green" from our work at Pakin Atoll and Nett Point.

Date: Saturday, April 24th, 2010. Time: 10AM-4PM. Venue: Conference Room, COM Pohnpei Campus in Kolonia. Contact: Masahiro Ito, Project Director, College of Micronesia, Land Grant Program, PO Box 1179, Kolonia, Pohnpei 96941, Federated States of Micronesia. Tel: 691-320-2728/ 22462. Fax: 691-320-2726. E-mail: E: hiroito@mail.fm.

New



THE NUMINOUS NAUTILUS

This fish sto

The Critter

numinous I 'n(y)oōmənəs I adjective: having a strong religious or spiritual quality; indicating or suggesting the presence of a divinity. ORIGIN mid 17th cent.: from Latin numen, numin- 'divine power' + -ous

any, too many years ago, I ran across my very first nautilus. A transplant from the desert of Arizona, I somehow ended up in Japan as a copywriter for the then-largest advertising agency in the world.

As fate would have it, I became quite well-known in other circles for my scrivening, and a wonderful gentleman from Tokyo asked me to travel through Micronesia for him and his company, to dig out stories and write advertising for his airline and his people.

Thus, the prize-winning nautilus ad to the right (note the old, outdated spelling of the creature). There are many more terrific tales... but maybe at some other time, in some other issue.

Fast forward to the nautiluses of today. Fine photos accompany various blogs on *Pearl-Guide.com* for this creature, the nautilus.





Nautilis: a cephalopod mollusk of the South Pacific with a spiral, chambered shell, four gills, and four auricles.

> begins some years ago when a diving team from a well-

known university captured fifteen live nautilises in deep water off the island of Palau. These extremely rare and fragile creatures were destined for an aquarium in Hawaii and were flying fish class on Continental Air Micronesia.

At the stop on Majuro, a Continental flight attendant... concerned about a nautilis that was having difficulty breathing... picked up its tank, ran down the steps of the plane and plunged into the surf, fully dothed, to revive the creature.

Other Continental staff kept applying ice packs throughout the flight, and the flight crew radioed ahead to Truk and Kwajalein for 50 pounds of crushed ice to be delivered at each stop. Out of the 15 nautilises that landed later that day in Honolulu, fourteen survived... an incredible percentage.

This all happened a few years ago. But today we still coddle our passengers on Continental flights to Micronesia. Plunge them straight into the surf from the airplane, if required.





"Nautilus" from page 3

The Critter's Pearl

This forthcoming treatise on the nautilus pearl was occasioned by the input of a friend of *Pearl World* and passionate pearl collector/aficionado named Steve Metzler of Seattle, Washington, who constantly amazes me with his diverse and wideranging pearl interests. We have chronicled his acquisitions for some years now, and he never fails to surprise us with what what new pearls- and types of pearls- he has either on his mind, in his hand, or poised to buy.

In our last issue we wrote of his attempts to acquire a natural SSP to adorn a special necklace of his wife's which, alas, turned out not to be natural but, rather, nucleated (after X-rays and GIA identification).

Steve has has admired the pearls from the nautilus for quite some time now, and always has an eye out for appropriate acquisitions to his collection. In fact, he posts items about his pearls regularly on *Pearl-Guide com.*, and is regular contributor to this valuable pearl information site.

Speaking of which, if you turn to the nautilus section of this site, you shall find a wealth of data on these unusual pearls... such as:

Nautilus pearl: Natural pearl from Nautilus pompilius, extremely rare. Osmenda imitation pearls are often incorrectly called nautilus pearls.

And fellow bloggers who chip in with observtions of their own:

I looked up nautilus pearls just now in Strack (I'm like a kid with a new toy with this fantastic book.) She has a section on osmena pearls, but for nautilus pearls she says (page 111): "Pearls from Nautilus pompilius are absolute rarities. Indeed, it cannot be even said with any certainty that they do exist. They are described as having a baroque or pear shape and a white colour without lustre. Some rare, pink samples have also been reported...."

And: I did some research, and the only reference to a nautilus pearl I could find is an article in a French magazine La Nature in 1912. This article says that a photography of a nautilus pearl was given by a Mr. Lyster Jameson to Nature Magazine (14x11mm, 18 carat). I don't know if the photo has been published in that magazine.

Stephen's fascination with this interesting creature and its hithertofore relatively unexplored pearl makes for a rather complicated tale which shall be further explored in an upocoming issue. He was generous enough to stop by *Pearl World* around the time of the Tucson Gem Show and share many of his observations, writings and photos. Our grateful thanks for his input. \diamondsuit













Tucson Pearl Report 2010

by Lois H. Berger, G.G., NAJA

The Tucson AGTA Gem Show 2010 showed its resilience during economic tough times. Thinking of last year's show, we do see a break through, albeit small, of better times to come. Talking with the dealers, some felt that although business was better this year, it would take awhile to see normalcy. Hopefulness was there but economic distress and discretionary buying was clearly evident.

Buyers were intrigued as they checked out a new type of Chinese Freshwater Cultured Pearl, informally called "soufflé" which was introduced at the Tucson Show. These pearls are unique in that they lack a conventional bead nucleus. Instead, a spherical bit of desiccated soil is inserted into the pearl sac of the mollusk from which a coin pearl had been previously harvested. The bead nucleus in these pearls gradually disintegrates and a hollow pearl results. These pearls are large baroques with spectacular pastel colors. Range of size is 13-20mm. The nacre thickness on the "soufflé" pearls is very good and thus stable. Normally this would be a heavy weighted necklace but because of their hollow interior, they are actually very light and easy to wear. What a welcome addition - the newest member of the pearl family!

For years, Chinese growers have tried unsuccessfully to develop a round CFWCP without a tail. For the Chinese, this achievement would lead to an even more prosperous market than currently exists.

In comparison to the "soufflé" pearl, fireball CFWCPs are bead nucleated, heavier, and have a tail.



These pearls share with the "souffle" pearls the same very high luster, baroque shape, and brilliant natural color.

The information contained in this report represents wholesale pricing of low, medium, and high end pearls available at the AGTA 2010 Show.



| CFWCP "Soufflé" Baroque, non bead | | | |
|-----------------------------------|----------------------|---------|--|
| Size (mm) | Color | Price | |
| 12+ | Pastel mix | \$ 600 | |
| 13x16 | Multi lavender peach | \$1,500 | |
| 14x15.5 | White | \$1,000 | |
| 14x15.5 | Pastel colors | \$1,000 | |
| 14x17 | Multi lavender peach | \$2,500 | |
| 15x15.5 | Multi lavender peach | \$1,000 | |
| 15x16 | white | \$1,200 | |
| 15x18 | Light lavender | \$2,000 | |
| 16x18 | Multi lavender peach | \$2,000 | |
| 16x20 | Light pastels | \$2,000 | |

| CFWCP Fireball Baroque, bead in | | |
|---------------------------------|----------------|---------|
| Size (mm) | Color | Price |
| 16x18 | Multicolor | \$2,000 |
| 15x18 | Light lavender | \$2,000 |



Chinese Freshwater Cultured Pearls

Chinese Freshwater Cultured Pearls are without a doubt the leading supply in most jewelry stores. Pricing is at all levels. We see CFWCPs in many shapes: of potato, off round, round, coin, and baroque with very high luster, great color, and very well priced. For instance, a 5x5.5mm, potato shape, metallic lavender with very high luster is priced at \$20 a strand. Pricing can range from \$20 to as much as \$2,000. There is something for everyone.





CFWCPs Courtesy of King's Ransom

| Chinese Freshwater Cultured Pearls | | | |
|------------------------------------|-------------------|---|---------|
| Size (mm) | Shape | Color | Price |
| 2x2.5 | Potato | Light lavender | \$25 |
| 3.5x4 | Off round - round | Medium lavender | \$20 |
| 5x5.5 | Potato | Medium metallic lavender | \$20 |
| 6x6.5 | Potato | Light metallic lavender | \$20 |
| 7.5x8 | Potato | Light pink | \$20 |
| 7.5x8 | off round | Dark lavender | \$150 |
| 8.5x9 | Potato | Medium lavender | \$250 |
| 8.5x9 | round | Dark lavender, orange peach, white, apricot | \$250 |
| 8x8.5 | slight off round | Medium lavender | \$200 |
| 8x8.5 | round | Multicolor | \$100 |
| 10x11 | Potato | very light lavender | \$500 |
| 11.5x12.5 | Off round | Pastel mix | \$1,000 |
| 12 plus | Baroque | Pastel mix | \$600 |
| 13x16 | Baroque | Multi lavender peach | \$1,500 |
| 14x15.5 | Baroque | White | \$1,000 |
| 14x15.5 | Baroque | Pastel colors | \$1,000 |
| 14x17 | Baroque | Multi lavender peach | \$2,500 |
| 15x15.5 | Baroque | Multi lavender peach | \$1,000 |

"Tuson 2010" to page 8



Japanese And Chinese Akoya Cultured Pearls

Chinese Akoya Cultured Pearls have very high luster. Treatments have taken care of blemishes and pits. Even smaller sizes had the same luster as larger beads. The pearls are indeed beautiful. Japanese and Chinese Akoya Cultured Pearls really are not distinguishable. Prices have remained fairly stable although we may see higher pricing from the Chinese in the spring.



Kasumigaura Cultured Pearls

Kasumigaura Japanese bead-in freshwater Cultured Pearls are very unique. These pearls have an unusual surface with metallic colors which catches the eye. The Chinese have also cultured CFWCPs that are very similar to the Japanese Kasumigaura. It is very difficult to distinguish between the two. Pricing varies widely between these origins. For instance, the Japanese Kasumigaura freshwater Cultured Pearls are 10-12mm baroque, multi-metallic, with high luster and priced at \$8,000. Chinese freshwater cultured pearl look-alikes are also 10-12mm, baroque, white pastels and priced at \$1,400. Caveat emptor (buyer beware)!



White South Sea Cultured Pearls

South Sea Cultured Pearls are exceedingly beautiful. Overall demand has diminished. Pricing is high and sales are slow, particularly in the mid to high end range.

We see round, white South Sea Cultured Pearls with affordable pricing. These sizes are smaller. For instance a strand of 6-7mm, round, slight rosé, very high luster, clean, and excellent match sells for \$700. These hard to come by strands were seen at the show.

South Sea baroque Cultured Pearls are very desirable. Even with discounting, strands were not selling well.







| White South Sea Cultured Pearl Round, bead in | | | | |
|--|-------------------|----------|--|--|
| Size (mm) | Color | Price | | |
| 6x7 | White slight rosé | \$700 | | |
| 8x9 | White rosé | \$2,900 | | |
| 9-12.4 | White | \$950 | | |
| 10-13. | Rosé | \$4,500 | | |
| 10-15.7 | Rosé | \$9,500 | | |
| 10.2x14.6 | slight pink | \$2,500 | | |
| 10.6-13.4 | Rosé | \$6,500 | | |
| 11.3x9 | White | \$9,000 | | |
| 11.5x10 | Light cream | \$5,600 | | |
| 12x15.4 | Yellowish | \$9,700 | | |
| 12.4x14.9 | Slight Rosé | \$9,700 | | |
| 13x12 | White | \$10,500 | | |
| 13.1-12 | Rosé | \$17,000 | | |
| 13-13.9 | Rosé | \$33,000 | | |
| 14-10.8 | Rosé, and Yellow | \$6,000 | | |
| 14x16.3 | Rosé | \$18,000 | | |
| 15-11 | Rosé | \$14,000 | | |
| 16.7x14.1 | White | \$18,000 | | |

| White South Sea Cultured Pearl Baroque, bead in | | | |
|--|------------------------|----------|--|
| Size (mm) | Color | Price | |
| 13.1x18 | White silver | \$10,000 | |
| 13.2x15.9 | Silvery Blue | \$9,000 | |
| 13.8x12 | Slight Rosé | \$5,000 | |
| 17.5x14 | Silvery Grey | \$10,500 | |
| 17.8x14 | White | \$18,750 | |
| 18.4x15.25 | Silver Pink | \$26,250 | |
| 18.5-14.4 | Light silver blue rosé | \$27,500 | |

| White South Sea Cultured Pearl Semi-Baroque, bead in | | | | |
|---|----------------------------|---------|--|--|
| Size (mm) Color Price | | | | |
| 12-15.1 | slight pink | \$1,800 | | |
| 12.2x13.8 | Slight Rosé | \$8,000 | | |
| 12.3-9.1 | Rosé | \$3,500 | | |
| 13.1x14.5 | Light Silver rosé overtone | \$5,800 | | |
| 13.2-14.8 | slight pink | \$4,000 | | |
| 14.4-12.1 Silver blue rosé \$5,500 | | | | |
| 15.05-11.8 | Distinct Rosé | \$6,500 | | |



Golden South Sea Cultured Pearls

Round Golden South Sea Cultured Pearls appear to be in plentiful supply. They are primarily produced in the Philippines and Indonesia. Very large high quality beads are pricey. It is exceedingly difficult to know if there has been color treatment. Buyers themselves may not be given full disclosure but laboratories can answer these questions. Intense golden seems to be the preferred color but lighter golden shades are also very beautiful and desirable.



14-16mm

bead in Golden South Sea Cultured Pearls Courtesy of Imperial Deltah, Inc.



South Sea Keshi Cultured Pearls

We spotted a few strands of golden keshi South Sea Cultured Pearls priced at \$900 gauging at 4x7mm. These delightful strands are hard to find. Keshi Cultured Pearls are a by-product of the culturing process from the Pinctada Maxima oyster.

| Golden South Sea Cultured Pearl, Round, bead in | | |
|--|------------------------|----------|
| Size (mm) | Color | Price |
| 10.1x10.2 | golden | \$525 |
| 10.1x10.2 | golden | \$525 |
| 10.1x10.2 | golden | \$525 |
| 10.1x14 | Golden | \$2,200 |
| 10.5x12.7 | Intense golden | \$7,500 |
| 10-12. | natural golden | \$2,800 |
| 10-12.8 | light medium golden | \$5,500 |
| 11.1 | golden | \$900 |
| 11x13.5 | Medium-Light golden | \$4,000 |
| 11.4x9.15 | Dark golden | \$6,000 |
| 12.2x12.28 | light golden | \$660 |
| 12.2x12.28 | light golden | \$660 |
| 12.2x12.28 | light golden | \$660 |
| 12.6x12.8 | golden | \$1,200 |
| 12.6x12.8 | golden | \$1,200 |
| 12.6x12.8 | golden | \$1,200 |
| 13.2x16.8 | Intense golden | \$28,000 |
| 13.7x13.8 | golden | \$2,250 |
| 13.7x13.8 | golden | \$2,250 |
| 13.7x13.8 | golden | \$2,250 |
| 14.1x11 | Dark golden | \$12,750 |
| 14.7 | Intense golden | \$3,400 |
| 14.9x12 | Medium golden | \$13,500 |
| 14-16 | natural golden - mixed | \$7,500 |
| 16x13 | Medium golden | \$18,000 |
| 16.25x16.32 | golden | \$7,500 |
| 16.25x16.32 | golden | \$7,500 |
| 16.25x16.32 | golden | \$7,500 |

11.4x9.15mm bead in Golden South Sea Cultured Pearls Courtesy of Tara & Sons, Inc.





Tahitian Cultured Pearls

Tahitian cultured pearl production has had its share of political unrest. Farms have closed their doors and money is tight. For many farmers in French Polynesia, this has been a difficult period. Prevailing government regulation has resulted in lower quality exports. We still see beautiful Tahitian Cultured Pearls in round shapes with excellent overtones and very high luster. Pricing has come down. Very high end strands were not the main item on buyer's lists.

Tahitian keshi Cultured Pearls are available. A strand gauging 14x10 mm with green overtone and very high luster listed at \$5,500.

Mixed Strands

Mixed strands encompass white and golden South Sea Cultured Pearls, mixed Chinese Freshwater Cultured Pearls and Tahitian Cultured Pearls. Mixed strands are a sight to behold. As long as Nancy Pelosi continues to wear hers, we are in good shape.



| Tahitian Cultured Pearl Round, bead in | | | |
|---|------------------------------|----------|--|
| Size (mm) | Color | Price | |
| 8.1x10.7 | Mixed -medium dark to | | |
| | dark color - mint green, | | |
| | aubergine, greenish | | |
| | yellow, light grey, | \$3,300 | |
| 8.5-10 | Green | \$4,500 | |
| 8-9. | multicolor | \$250 | |
| 9x9.1 | Black with green and | | |
| | rosé overtone | \$2,900 | |
| 9-10. | multicolor | \$250 | |
| 9-10.5 | multicolor | \$700 | |
| 9-11. | multicolor | \$1,875 | |
| 9-11.5 | green overtone | \$4,300 | |
| 10.1-12 | green overtone | \$1,800 | |
| 10.1x12.3 | Black with green overtone | \$1,600 | |
| 10.2x12.7 | Yellow green | \$2,200 | |
| 10.3-12 | green overtone | \$3,800 | |
| 10.9-8 | Black with green overtone | \$2,500 | |
| 10.9x14.9 | Greyish greenish yellowish | \$2,500 | |
| 10x12 | Pistachio | \$6,000 | |
| 10x13.2 | Black with purple | | |
| | overtone, slight green \$4,8 | | |
| 11.6x10 | Slight bluish green | \$5,250 | |
| 11-14. | Light Grey | \$2,500 | |
| 12-14. | Black with peacock | | |
| | overtone | \$11,750 | |
| 12-14.3 | Black with strong green | | |
| | overtone | \$7,000 | |
| 12-15.5 | multicolor | \$6,000 | |
| 13.1x15 | Black with green and | | |
| | slight rosé overtone | \$8,000 | |
| 13.4-10 | Black with green overtone | \$3,500 | |
| 13.6-12 | Black with green overtone | \$14,000 | |
| 14.8-12 | Black with green overtone | \$9,000 | |
| 14.8x13.1 | Light grey | \$10,500 | |
| 14-10 | Black with green overtone | \$5,500 | |
| 17.4-15 | Greenish grey | \$14,000 | |

8.5x10mm bead inTahitian round Cultured Pearls Courtesy of Mastoloni & Sons, Inc.





| Tahitian Cultured Pearl Baroque | | | |
|---------------------------------|---------------|---|---------|
| Size (mm) | Shape | Color | Price |
| 9x14 | Semi-baroque | medium silver | \$1,200 |
| 10x12 | Baroque | Multi color | \$850 |
| 14.8x12 | Semi-Baroque | Silver with greenish bluish overtones, yellow, rosé | \$3,500 |
| 14x10 | Keshi Baroque | Green overtone | \$5,500 |
| 15.5-13 | Semi-Baroque | Rosé, green, peacock, | \$3,900 |

"Tucson 2010" to page 14





questions - and much more!



Summary

The information contained in this report is intended to provide a cross section of what is available in the current pearl market at the wholesale level. The tables, listings, sizes, and prices are not intended for grading purposes. All pictures were taken by Lois H. Berger, G.G.

My sincere thanks to the members of our pearl group: K.C. Bell, David Blount-Porter, Sara Canizarro, Jo Ellen Cole, Mary Dona Dirlam, Al Freedman, Heidi Harders, Josh Humbert, Carolyn Jacoby, Dr. Cigdem Lule, Renee Newman, Stuart Robertson, Gary Roskin, Andrew Schoenecker, Elisabeth Strack, Gabriele Weinmann, and Fuji Voll.

My special thanks to the dealers who were so helpful: American Pearl Company; Eliko Pearl Co. Inc; King's Ransom; Sea Hunt Pearls; Pacific Pearls; Tara & Sons, Inc; King Plutarco, Inc.; Frank Mastoloni & Sons, Inc.; Imperial Deltah, Inc.; and A & Z Pearls, Inc. \diamondsuit



| Mixed Cultured Pearl Strands | | | |
|------------------------------|-------------------|--|-------------------------|
| Size (mm) | Shape | Color | Price |
| 9.5x10 | Off round - round | Some beads, lower luster - CFWCPs, Tahitian, | |
| | | Golden SS - mixed pastels | \$2,000 |
| 12x13 | Round | CFWCPs, Tahitian, Golden SS - mixed pastels | \$6,500 |
| 14.8x12 | Round | CFWCP, White SS, Golden SS, Tahitian | \$9,000 |
| 15.1x13.3 | Baroque | CFWCP, South Seas, Metallic, excellent match - purple, lavender, cream with rosé, pink, blue, | |
| 15x17.5 | Off Round | intense golden, white, metallic peach Mixed Tahitian - Black with purple, silver rosé, | \$5,400 |
| 15417.5 | | pistachio, mint green, natural chocolate, white, | A 4 7 000 |
| | <u> </u> | silver with blue overtone | \$17,000 |





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