



# The Beauí

## Newsletter of the Sarasota Shell Club

[www.Sarasotashellclub.com](http://www.Sarasotashellclub.com)

Meetings 2nd Thursdays, September-April at Fire Station #2, 2071 Waldemere St Sarasota.

**The Sarasota Shell Club's  
51st Shell Show  
February 14, 15, and 16, 2014  
Bradenton Area Convention  
Center  
One Haben Blvd.  
Palmetto, Florida**

### Show Committee Meets

Jan 6 & 26, and Feb 3 at 1:00 pm at the  
Fire Station on 4th St in downtown Sarasota.

### Other Shell Shows

It's fun to go to other shell shows and see  
how they do things! Get together with some  
friends and go to some of these shows!

- **Jan 11-12, Space Coast Seashell Festival**,  
The Melbourne Auditorium, 625 E Hibiscus  
Blvd, Melbourne, FL
- **Jan 18-19, 49th Annual Broward Shell  
Show**, Emma Lou Olson Civic Center, 1801  
NE 6th St, Pompano Beach, FL.
- **Feb 22-23, St Petersburg Sea Shell Show**,  
Seminole Recreation Center, 9100 113th St  
N, Seminole, FL.
- **Mar 6-8, Sanibel Shell Festival**, Sanibel  
Community Center, 2173 Periwinkle Way
- **Mar 13-15, Marco Island Shell Club Show**,  
United Church of Marco Island, 320 N  
Barfield.

**Next meeting** Jan. 9 at 7:00. Program  
"What else is down there" by Jim  
Wedge.

**Board meeting** prior to meeting at 5:00  
**Educational Session** Jan. 20 at 2:00  
(see details below)

**This year's shell show is  
Feb. 14-16, 2014**

### Board Members

Dennis Sargent	President
Sally Pepitone	Vice President
Bruce Paulsen	Treasurer
Donna Bartels	Recording Secretary
Peggy Williams	Corresponding Secretary
Board: Terry Jones, Roseane Roble, Nancy Marini, Rich Cirrintano, Anni Ferretti, Harry Berryman	

### Committee Chairmen:

Artisans	Nancy Marini
Librarian:	Linda Greiner
Field Trips & Membership:	Lynn Gaulin
Historian:	Duane Kauffmann
Shell Show:	Donna Cassin
Sunshine:	

### Educational Session

This month we will have a short followup on  
December's session, explaining the parts of a  
shell and what various descriptive phrases  
mean. Bring page three of the *Beauí* with you!

Then Harry Berrryman will present  
suggestions for creating a shell show exhibit.  
Harry has been exhibiting for a great many  
years and has won numerous awards, both in  
northern shows (he came from Philadelphia)  
and lately in Florida shows.

The meeting will be Jan 20 at 2:00 (about 2  
hours) at the Goodwill on the north Tamiami  
Trail, between Myrtle St and University Pkwy.

January, 2014



## Field Trips

by Lynn Gaulin

**January 16, 2014** (Thursday) is our second trip on the **Carefree Learner**. We will need many members to sign up for this trip or it will need to be cancelled. I need about 6-8 members to make this trip go. Departure will be at 7:00 A.M. and **cost** is the usual **\$5 pp in cash**. Sign up at either the December or January meetings for this trip. Be sure to pick up the information sheet also at the club meetings.

**January 30, 2014** (Thursday) is our last trip out to **Sarasota Bay** on the Carefree Learner this winter. Departure is at 6:45 A.M. and cost is the same, **\$5 pp. in cash**. Sign up at the club meeting in December or January.

Both trips have the minimum number so they are both a "go". **PLEASE call Lynn if you need to cancel or have questions!**

We will NOT have a field trip in February because of the shell show.

I am investigating a trip to the DaVinci Exhibition in Bradenton. An interest sheet for this March trip will be available for sign up at both January and February meetings.

This is my last year as Field Trip Chair. After about 10 years I need a break. I will gladly help my successor with planning and anything else they might need. Speak up if you are interested.

## Membership Report

by Lynn Gaulin

Please remember to pick up your roster at the January meeting. If you paid the \$4 you get the small booklet with photos. Otherwise you get the copy of the roster with pertinent information but no photos. We have several extra copies if you want to buy the small roster with photos. Corrections to either, please notify me.

## Shell Show

**NEEDED: a PA System to use in the auditorium.** We are allowed to bring our own PA system, and it would make life easier if we had one, but the Auditorium's rental rate is impossible! If you have a system you can lend for the three days of the show, please let Donna Cassin know.

**RAFFLE ITEMS NEEDED!** We need nice items for the raffle table at the shell show!!! These should be new or very gently used items that we can include in the raffle. All proceeds from the raffle table go to the club. Think about a shell related item or perhaps even a nice specimen shell that you may have a duplicate of. Please bring raffle items to the January meeting. Lou Cirrantano and Mel Elwood will be organizing the raffle table for the shell show. This is a tax deductible donation. Please include approximate value with the item and your name so that we can issue a receipt. Thanks!!!

**VOLUNTEERS:** We will be allowed into the convention center at 6:00AM on Friday February 14 to set up. We are usually allowed to do this Thursday afternoon...but this year is different. We will need to place table coverings and measure for exhibits in an orderly and speedy manner BEFORE the exhibitors and dealers arrive. PLEASE CONSIDER HELPING AT THIS EARLY HOUR.

Other **Volunteer** Needs

**Admission Table:** One person Sunday 1-4PM. A sit-down job!

**Club Table:** Two hour shifts from 8AM on Friday through the entire weekend.

### Sponsors for Special Awards

Our club members generously donate to sponsor all of the special awards that the club offers at the show. This year we are sponsoring 9 awards and 4 are already sponsored.

Please consider a \$50 donation to sponsor an award or \$25 to co-sponsor an award. Remember that this donation is tax deductible and your willingness to help manifests the true spirit of the Sarasota Shell Club.

The awards are: Sponsor  
The Robert and JoAnn Morrison award;;;Dan and Linda Greiner  
Best of Art with Shell Motif...Violet Bochan in memory of Dorothy Bochan  
Special Award to honor Terri Goselin...The Artisans  
The Hertweck Fossil Award...Ron and MaryJo Bopp  
The Fran Schlusemann Award (Artistic)...  
June Bailey Best of Member Art....  
SSC Member's Trophy (scientific)....  
Best Self Collected..(scientific)....  
Best Small Scientific Exhibit...

## Information for the Educational Session

by Peggy Williams

My portion of the Educational session on January 20th will be about identifying shells. Here are some terms you should learn:

### Gastropods (from top to bottom)

- **Spire, Apex:** The top part of the shell, which comes to a point.
- **Whorl:** One complete revolution of the **spiral** shell.
- **Protoconch:** The very first whorls of the shell, usually 1 1/2-2 1/2 whorls.
- **Suture:** The edge formed by the bottom of each whorl.
- **Body Whorl:** The last and largest whorl.
- **Siphonal Canal:** The tube formed at the base of the shell to protect the animal's siphon. Many people call this the "tail", but it's really a "nose!"
- **Aperture:** The opening through which the animal emerges.
- **Outer Lip:** The outer edge of the aperture. In many species it is thin when the animal is growing and thickens to a **varix** when it has completed the new whorl.
- **Siphonal Canal:** The top edge of the outer lip may form a U-shaped channel.
- **Columella:** The central core around which the shell grows. At the inner edge of the aperture, it may have a depression like a dimple. In shells with a flat bottom it may form a hole going up into the shell, called an **umbilicus**. This may be partially or even wholly obscured.
- **Operculum:** The horny or shelly "door" of a shell. Most are large enough to close the opening, but some are tiny, "vestigial."
- **Periostracum:** Skinlike or hairlike outer covering of a shell.

### Bivalves

- **Beak:** The place where the hinge of the shells is located.
- **Umbo, Umbones:** Swelling part of shell near the beaks.
- **Hinge Teeth:** Central toothlike projections and depressions on the hinge. They merge with the teeth on the other half of the shell to keep it closed.
- **Escutcheon:** A regularly shaped depression on the hinge margin behind the umbones. Usually heart-shaped.

- **Lunule:** An impressed area, often crescent-shaped, on the upper edge of some bivalves.
- **Anterior End:** The front end of where the animal emerges.
- **Posterior End:** The rear end, opposite the Anterior End.
- **Base:** The part opposite the hinge.
- **Dorsal Margin:** The upper edge of the shell (where the beak and hinge are.)
- **Muscle Scar, Adductor Scar:** Depression marks on inside of shells showing where the muscle (what we eat in a scallop) was attached.
- **Pallial Line:** The Muscle Scar often has a thin, line starting at the scar and tracing the edge of the shell, then curving upward towards the beak.

### Terms for Identification

- **Attenuate:** Long and tapering, slender, thin.
- **Cancellate:** Crossed by horizontal (spiral) and vertical ( ) lines which produce a lattice-like effect.
- **Carinate:** Having a keel shaped, elevated edge.
- **Channelled:** Grooved or deeply furrowed.
- **Compressed:** Flattened from side to side.
- **Concave:** Dished or incurved.
- **Convex:** Swollen or outwardly curved.
- **Crenulate:** Wrinkled or scalloped.
- **Denticulate:** With toothlike points.
- **Flamulations:** Flame shaped spots of color.
- **Growth Lines:** Lines on the surface showing where there was a former lip.
- **Imbricated:** Overlapping like shingles.
- **Incised:** Having sharp grooves.
- **Maculated:** Spotted.
- **Nacreous:** Pearly.
- **Reflected:** Bent backwards.
- **Reticulate:** Resembling a network.
- **Rugose:** Rough or wrinkled; Strong-looking.
- **Shoulder:** Top or largest part of whorl outline.
- **Spines:** Stiff outgrowths.
- **Spiral:** Coiled in a cylindrical manner.
- **Striate:** Marked with fine lines.
- **Tubercles:** Small, round projections: knobs.
- **Varices:** Raised ribs showing former lips.

### Terms for Identification (Bivalves)

- **Byssus:** Strong fibers by which some bivalves fasten themselves to solid objects.
- **Equivalve:** Valves same size and shape.
- **Gaping:** Having a gap where valves do not fit together.



January, 2014

## Rare Archaeological Find of Cloth Dyed using Shells

Israeli archaeologists have uncovered three rare, Roman-era fabrics believed to have been dyed using murex snail extracts in unique colors mentioned in the Bible.

Israel Antiquities Authority researchers say they have identified three pieces of cloth dyed in colors considered the most valued at the time, including special shades of blue, purple and crimson-scarlet — colors cited in scripture. The textiles are believed to have been used in the clothing of wealthy residents 2,000 years ago.

“The importance of this fabric is extremely significant as there are practically no parallels for it in the archaeological record,” Yoli Shwartz, Israel Antiquities Authority spokeswoman said in a statement.



*One of the rare fabrics archaeologists found in the Judean Desert (Israel Antiquities Authority)*

In the book of Exodus chapter 25, God gives Moses instructions for building the tabernacle during which blue and purple and scarlet yarns were specified. These were also the colors to be used for the making of the priestly garments, as described in Exodus chapter 27.

The fabrics were discovered in the Wadi Murabba'at caves south of Qumran, the area in which the Dead Sea Scrolls were found during the 1940s and 1950s.

The unique make of the fabrics was discovered during a wider study of 180 textiles found in Judean Desert caves conducted by Dr. Naama Sukenik.

“Among the many textiles, most of which were dyed using substances derived from plants, were two purple-bordeaux [crimson] colored textiles — parts of tunics that were double dyed utilizing two of the most

expensive materials in antiquity: *Murex trunculus* and American Cochineal\* insect,” the Israel Antiquities Authority spokeswoman added.



*Photo: Israel Antiquities Authority*

The Tazpit News Agency further explained: “A third textile, made of wool, indicating the thread fibers were dyed by exposing them to sunlight or heated after having been dyed, represent another use of the murex snail for achieving a shade of blue, and it is possible that the item in question is an indigo fabric made by means of a technique similar to making the tekhelet (blue) in tzitzit, the four-fringed garment worn by Jews.”

The purple shade was considered to have been the most valued of the pigments used during the period, the Hebrew website Walla reported.

“Fabrics dyed purple testified to the prestige of the garment and to the social status of its owner. In some periods, purple clothing was permitted to the emperor and his family only,” Walla reported, adding that the price of the dye at times reached the price of gold.

Israel Antiquities Authority researchers say they still don't know how the pricey fabrics got into the caves. One theory is they may have belonged to Jewish refugees on the run during the Bar Kochba Revolt which began in 132-136 A.D., during which the Jews rebelled against Roman Empire rule of the Holy Land. Alternatively, the clothing may have belonged to a Roman military unit living in the caves.

*\*Cochineal would not have been available until the discovery of the New World!*



January, 2014

## Those Were the Days

by Peggy Williams

Shell photos by Bill Frank, Jacksonville Shell Club

*Liguus* is a genus of tree-dwelling snails



that is found only in Florida, Cuba and the island of Hispaniola. There are

*Liguus virgineus*, from Haiti

about five species but there are dozens of forms of *Liguus fasciatus*, most of which are in Florida, and endemic to (found only in) certain stands of hardwood in the Everglades.

These are color forms, which range from pure white to nearly black with yellow, orange, gray-blue, striped, checked solid colors and other mixes. They have long been sought for their beauty and variety, and some people, like Archie Jones, collect no other kind of shell!



*Liguus fasciatus*, color forms

The "Lig" country stretches from Pompano Beach across to Marco Island and south to Key West. In the early 1900's, snails were abundant in their stands of hardwood (called "hammocks"), each separated from other populations by Everglades water. Just before WWII, there were 25 collectors in one area, and their weekend take could be 1,000 shells!

When the Everglades National Park was being contemplated, many collectors rushed to get the best shells before collecting was banned. Some even transplanted rare forms to other hammocks or their own Miami yards to preserve the form. They also created "hybrid" forms by putting two colors of Ligs together. However, some of the collectors conceived of the idea of planting endangered forms in Everglades hammocks to protect them when the Park was established.

Many hammocks have been destroyed by development and, with them, the Ligs.

## Ligging with Archie Jones

by Peggy Williams

Some years ago I had the opportunity to go "Ligging" with Archie Jones in the Everglades. The Park rules said we had to list all the shells we took, and we could only collect because Archie had a special permit. Permits are no longer available and all Ligs are on the Endangered Species List.

June Bailey, Marilyn Barkley and I and a few others met at a remote area in the park. After getting our gear ready, we marched off, following Archie down barely seen trails, through water and beside Seminole chickees to two or three hammocks where we collected amongst the spiders, mosquitoes and snakes.



To collect, you carry along a series of screw-together poles, each about 5 feet long,

the top one with a small cup attached. When you spot a snail, high up in the trees, you assemble your pole a section at a time and try to knock the shell off the tree and into the cup.

I think I netted a couple of dozen shells of several color forms. I have never ligged again, and I don't want to; once was enough!



January, 2014

## Shoebox Results

We had several good exhibits entered in the Shoebox competition last month. Here are the winners:



First Place:  
Linda Greiner



Third Place: Sally Peppitoni.  
Thanks to all who put together entries for the Shoebox Show!



Second Place:  
Lyn Gaulin

### December's Low Tides

1 Sun	12:26 pm	-.40	17 Tu	2:05 pm	-.43
2 Mon	1:20 pm	-.55	18 W	2:30 pm	-.40
3 Tu	2:12 pm	-.63	19 Th	2:53 pm	-.36
4 W	3:02 pm	-.62	20 F	3:18 pm	-.30
5 Th	3:47 pm	-.54	21 Sa	3:45 pm	-.22
6 Sa	4:27 pm	-.39	28 Sa	10:45 am	-.22
14 Sa	12:22 pm	-.30	29 Su	11:54 am	-.47
15 Su	1:04 pm	-.39	30 M	12:44 pm	-.67
16 Mo	1:38 pm	-.42	31 Tu	1:25 pm	-.79

### Meetings

on the 2nd  
Thursday of  
Sept through  
April at 7:00  
p.m., at  
Waldemere Fire Station,  
2071 Waldemere St. in  
Sarasota. Park in small  
lot on the right or in  
nursing home lot across  
the street.

The Annual **Shell  
Show** is February 14-16,  
2014 at the Bradenton  
Area Convention Ctr.

**Dues:** New  
members \$21.50 New  
Family members (2+ at  
same address) \$33.00.

**Renewals:** \$15.00  
for Single, \$20.00 for  
Family (2+ at same  
address).

**If you want your  
newsletter printed and  
mailed add \$15.00.**



### DID YOU KNOW...

Most of the "Common Names" were invented by R. Tucker Abbott. Tucker wrote a number of shell books and shepherded (suckered?) people into collecting shells (and buying books) by making it easy to remember names. Some of them had been used by the public before, such as "Crown Conch", but many had no common name until he wrote his books. Some names he made up are simply translations of the Latin, but others were more fanciful...and not what I used as a child!

### Sarasota Shell Club

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*January, 2014*

SARASOTA SHELL CLUB MEETING, December 12, 2013

The meeting was opened at 7:03p.m. by Sally Peppitone, at the Waldemere Firehouse in Sarasota. 23 members and 1 guest were present.

Donna Bartels, Recording Secretary read the November meeting minutes. They were filed with one correction with adding Terri's name as Goz Gosselin's wife.

Treasurers' Report – Bruce Paulsen announced total of bank account is \$12,187.92. The Holiday auction brought income of \$939.00. Bruce reminded everyone that there are events and classes going on at the Chamber of Commerce. We can access their website and be entitled to attend now that we are members. Bruce went to an educational meeting at the Chamber that gave information on how smaller businesses and clubs can have a higher visibility. Bruce is also looking into having a Facebook page to help promote the club.

The program for the evening was "Shoe Box Displays" which were viewed and voted on during our break. Linda Greiner received a ribbon for 1<sup>st</sup> place, Lyn Gaulin for 2<sup>nd</sup> place and Sally Peppitone for 3<sup>rd</sup> place.

Shell Show Report – Donna Cassin requested members to be thinking about their displays and to fill out entry forms and get them submitted so further planning can be done. The committee has purchased new black table coverings for all of the Scientific area. She is requesting if anyone has a bullhorn or karaoke machine we can use for the show to make announcements please contact her. 1500 shell bags have been completed to pass out at the entry with admission. Lynn Gaulin will look into approved food vendors after the holidays. Donna said she is looking for volunteers for specific positions during the 3 day show and will have signup sheets at the January meeting. She is also in need of bottled water and canned soda (individual servings) to make available to all when setting up the show. Volunteer Sponsors for four of the awards are needed, information will be at the January meeting. Tickets for the Awards banquet will be available at the January meeting. It will again be at the Marriott Courtyard and the final deadline for a dinner count is 1-31-14.

Programs- Sally Peppitone announced that January's meeting our program will be put on by Jim Wedge on "What else is down there?"

Nominating Committee- Jim Wedge announced there was one candidate for the open two year seat on the board. Further nominations were opened at the meeting with no further results. Harry Barryman had previously agreed to take the seat and was approved unanimously by the members.

Librarian – Linda Greiner announced that the library is set up and ready for anyone who would like to view or check out books. Please call her and she will arrange a time for your visit.

Historian – Duane Kaufman's report read by Lynn Gaulin reported 56 years ago, 26 members attended with decisions to meet once a month in the evening. 25 years ago spoke to the Christmas party and auction that had been held. Duane has reviewed all minutes available to him and has put them on a disc. Anni Ferretti suggested we put a copy of that disc in our Library.

Membership – Lynn Gaulin noted we currently have 127 members. She also explained the difference between the new membership rosters and booklets that were handed out.

Field Trips – Lynn Gaulin reported 9 members went to Marco Island, the trip was very successful with the beach being full of shells. December 30 will be the trip to Cedar Key. Further information on future trips please contact Lynn.

Educational Group – Lynn Gaulin reported the group met at the north Tamiami Trail Goodwill and had a good time learning all about scientific names. The next meeting will be January 20<sup>th</sup>, 2014 at the same location from 2.p.m. – 4p.m. and will include how to set up a scientific exhibit

Newsletter – Please remember to submit any articles you would like to see printed in the next newsletter to Peggy Williams as soon as possible.

Artisans – Bruce Paulsen reported that 2/3s of the items on the Holiday auction came from the Artisans group. Peggy and Dennis also donated some items for the auction along with some other miscellaneous donations. The next Artisans meeting will be January 2<sup>nd</sup> at 9a.m., Southern Storage.

New Business – Sally reviewed ideas for the new brochure and passed out colored samples for the final approval. It was suggested that we leave an open space on the back of the brochure where we can attach a sticker with new or yearly shell show information. Costs of printing will be discussed at the January board meeting.

No further business was discussed and Sally closed the meeting at 8:20p.m.

Donna Bartels, Recording Secretary