

Tidelines

Celebrating our 80th
year!

November 2016

St. Petersburg Shell Club, Inc.

Web site: stpeteshellclub.org

Shell Club meetings are held on the first Friday of the month, except June, July and August, at the **Seminole Recreation Center, 9100 113th Street North, Seminole**. The doors open at 6:30p.m. and the meetings start at 7:00 p.m. The public is always invited.



If you are on Facebook there is a new group, MOLLUSKS ON POSTAGE STAMPS.. Tom Rice has been posting lots of pictures of shell stamps. Here is just one, a Christmas stamp from the Cocos Islands a cut nautilus and ornament. There are several thousand stamps with molluscan themes ranging from molluscs as the primary theme to minor themes. One can specialize with a certain type of shell, such as cone shells, or just be a general collector. There are also a number of postal envelopes (pre-stamped), aerogrammes and postal cards depicting shells. First Day Covers are pieces postmarked with the day of issue. My favorites are those that have a shell stamp, a cachet showing molluscs and a cancel depicting a mollusc. It's fun to hunt down a particular stamp desired. It can be challenging to identify the species depicted. Many shells are incorrectly identified by the issuing country. The majority of stamps are very inexpensive. An exhibit at a shell show could be made with stamps and the actual shell depicted.



A MESSAGE FROM THE DESK OF YOUR PRESIDENT

There is a lot happening now what with club meetings and different events. The Discover the Island event on Egmont Key is almost here. This fundraiser for the Egmont Key Alliance is an annual event to help preserve and maintain the island's natural and historic infrastructure. We will be one of the many organizations represented there (jointly with Suncoast Conchologists) to help educate people about shells and this wonderful hobby we are involved in.

The Florida Fossil Hunters Fossil Fair is Nov 5th & 6th at the Central Florida Fairgrounds in Orlando. Here's one of two major fossil events in Florida where you can find a lot of fossils available for sale.

Florida shell shows will be starting up in January. These great events are put on by a lot of hardworking people to show off various collecting interests. A shell show is a great place to talk with other collectors, and to learn more about these fascinating animals. I encourage everyone to attend as many shows as possible. And, don't forget, our own show is happening in February. This show couldn't happen without your help, so please volunteer to be there.

Our holiday party is Dec 2nd at the Golden Corral. Detailed info is inside.

So, the holidays are coming up fast, and many of us will be travelling. I wish you all a safe journey. If you find any interesting shells along the way, how about sharing with everyone? We would all like to here about your shelling adventures.

Until the next newsletter, I wish everyone a safe and happy holiday season.

John



Club Officers and Committees

President John Jacobs; Vice President Robert Gould; Recording Secretary Sandy Boddy & Cheryl Jacobs; Treasurer Betty Lipe; Newsletter Editor Cheryl Jacobs; Directors at Large: Peggy Dill, Marilyn Wall, Jane McKinney, Meredith Myers; COA Representative John Jacobs; Refreshments Open; Photographer John Jacobs; Field Trips Entire Board; Corresponding Secretary John Jacobs; E-mail contacts John Jacobs; Director of Education Open; Shell Show Cheryl Jacobs & Betty Lipe; Webmaster Bill Hoefer; Annual Picnic open; Raffle/Door Prizes Cheryl Jacobs & Peggy Dill; Facebook Cheryl Jacobs & Betty Lipe.

Tides are for Mullet Key Channel (Skyway). Other specific locations may be up to 2 hours later or earlier. Listings from saltwatertides.com .

Forecast Minus Tides

Nov

13 Sun 4:56AM -0.1
14 Mon 5:43AM -0.3
15 Tue 6:32AM -0.5
16 Wed 7:22AM -0.5
17 Thu 8:14AM -0.4
18 Fri 9:09AM -0.3
19 Sat 10:07AM -0.1
27 Sun 5:02AM -0.1
28 Mon 5:35AM -0.2
29 Tue 6:07AM -0.3
30 Wed 6:40AM -0.3

Dec

1 Thu 7:15AM -0.3
2 Fri 7:52AM -0.3
3 Sat 8:34AM -0.3
4 Sun 9:19AM -0.2
5 Mon 10:08AM -0.1
11 Sun 4:01AM -0.1
12 Mon 4:52AM -0.6
13 Tue 5:41AM -0.6
14 Wed 6:29AM -0.7
15 Thu 7:15AM -0.6
16 Fri 8:01AM -0.6
17 Sat 8:45AM -0.5
18 Sun 9:30AM -0.3
19 Mon 10:15AM -0.1
25 Sun 4:07AM -0.2
26 Mon 4:46AM -0.4
27 Tue 5:23AM -0.5
28 Wed 5:57AM -0.6
29 Thu 6:29AM -0.6
30 Fri 7:02AM -0.6
31 Sat 7:36AM -0.6

Jan 2017

1 Sun 8:15AM -0.5
2 Mon 8:54AM -0.4
3 Tue 9:35AM -0.3
8 Sun 2:57AM -0.3
9 Mon 3:56AM -0.6
10 Tue 4:50AM -0.7
11 Wed 5:38AM -0.8
12 Thu 6:22AM -0.8

Upcoming Club Meetings
6:30pm Meet and Greet, 7pm Meeting

Nov 1 Meeting of Suncoast
Conchologists

Nov 4 Regular Meeting Carolyn
Petrikin will be speaking "California's
Monterey Bay Aquarium"

Dec 2 Holiday Party Will be at the
Golden Corral on Ulmerton. Please
sign up so we know how many people
are coming. Plan on showing up at
6:30Pm.

UPCOMING SHELL SHOWS & RELATED EVENTS

Nov 5-6 **FLORIDA FOSSIL HUNTERS FOSSIL SHOW** Central
Florida Fairgrounds, Orlando, FL

Nov 12-13 **DISCOVER THE ISLAND** 19th Annual Egmont Key
Alliance Fundraiser. see pg. 5 and 6 for flyer and info.

Jan14-15, 2017 **BROWARD SHELL SHOW** Emma Lou Olson
Civic Center 1801 NE 6th St, Pompano Beach FL
www.browardshellclub.org

Jan 21-22, 2017 **ATSC SHELL SHOW** Eau Gallie Civic Center
1551 Highland Ave, Melbourne, FL New Location for show.

Courtesy of Donald Dan and others



Holiday Party

Dec 2 we will be having our Holiday party at the Golden Corral located on Ulmerton Road. 10050 Ulmerton Road, Largo, FL. When you go in do not get any drink but water, we have a waitress coming in for the drink order and the Club will pay for it. We will be having a gift exchange, and if you want to participate, bring a wrapped shell or shell-related item with a value of between \$10-\$20.

Sign up at the November meeting or contact Betty Lipe. We need to know how many people are coming so we get everyone together. Plan on showing up at

6:30pm so we can start the festivities.

In Memorium: A Loss to the Shell World

Eloise Boynton Bosch, a beloved wife, mother, grandmother and great-grandmother passed away on Friday, October 7, 2016 after a brief illness. She was a friend to so many and lived her retirement years in her beloved Oman with her late husband, Dr. Donald Bosch. She spent her working life in Oman as a teacher at the Mission School in Muscat, the Al Amana School, teaching in both Arabic and English.

The Bosches became collectors of seashells as a result of the family's weekend visits to the local beaches, where they noticed the many shells on the shore. This began their love affair with the world of conchology. Donald would be recognized as an expert on seashells of the Arabian Gulf and Eloise would be his helpmate and partner. Over the years the Bosches wrote books on seashells including **Seashells of Oman**, **Seashells of Southern Arabia**, and **Seashells of Eastern Arabia**. Donald and Eloise, often with the help of their children and grandchildren, discovered over 20 new species of seashells in Omani waters. One of the most beautiful shells was named *Punctada eloisae* after Eloise.

THE SHELL COLLECTOR'S CODE OF ETHICS

I realize that molluscs are part of our precious national wildlife resources, therefore:

I WILL make every effort to protect and preserve them not only for my own future enjoyment, but for the benefit of generations to come.

I WILL always leave every shelling spot as undisturbed as possible.

I WILL take only those specimens needed for my collection and for exchange at the time... Shells in a box cannot reproduce while I am waiting for a place to send them.

I WILL leave behind the damaged and the young specimens so that they may live and multiply.

I WILL NOT collect live egg cases unless they are to be used for study, and then, only in small quantities.

I WILL NEVER "clean out a colony" of shells.

I WILL practice and promote these conservation rules in every way possible.

Nudibranchs:

Researched by Cheryl Jacobs

Melibe nudibranch also called the hooded nudibranch. Tom Rice posted a video on Facebook of *Melibe viridis* eating. (10-21-16) After watching it I wanted to know what it was and found out it was a nudibranch.

Melibe is a genus of sea slugs, nudibranchs, marine gastropod mollusks in the family Tethydidae. Most nudibranchs are carnivores, but their prey is usually sessile or slow-moving animals such as sponges or bryozoans. In contrast, *Melibe* is an active predator which traps fast-moving free-swimming animals such as small crustaceans, using its extendable oral hood

Melibe viridis Kelaart, 1858 This nudibranch is quite big. It's average size is about 30-40cm with a translucent body, of a brown-yellowish or greenish hue. Like the other species of the genus it feeds on small crustaceans and other organisms that are captured with the large oral hood, throwing it as a cast net while it moves along the bottom. This species is native to the Indo-Pacific, it has also been cited in the Mediterranean.

Melibe viridis Kelaart, 1858



Melibe leonine Gould, 1852 close up of the hood

Melibe leonine Gould, 1852 is an invertebrate who's diet is copepods, ostracods, and other small planktonic animals. It grows to about 4 inches (100 mm) and lives in and on the Kelp Forest from Alaska to the Gulf of California.

This melibe is like no other nudibranch (sea slug). Instead of a rasping tongue, it sports a unique oral hood that captures small planktonic animals. To feed, a melibe firmly attaches itself to a kelp blade and then sweeps its raised hood downward or to the side. When food lands on the lower surface of the hood, the melibe sweeps together the two sides of the hood, and its fringing tentacles lock in the prey. The hood contracts to force the captured food into the melibe's mouth.

Melibe and the giant kelp plants they live on have matching colors—yellowish brown to olive green. Melibe are hermaphrodites (they have both male and female sexual organs),

and fertilization is internal. The animal can lay as many as 30,000 eggs, which are enclosed in a long, gelatinous ribbon.

During the warmer months, huge numbers of melibe appear in kelp canopies and eelgrass beds. Although they prefer to stay attached to a surface, melibe do swim when dislodged or if they're approached by a kelp crab—then they close their hood to reduce drag.

Most predators avoid the noxious secretions of nudibranchs, but the kelp crab is an exception.

The noxious secretions of the melibe smell like watermelon, according to aquarists who clean the melibe exhibit.

References:

Monterey Bay Aquarium

Wikipedia

Opisthobranchius.info

Facebook

Have you checked out our Facebook page. I have been posting pictures of the meetings and the field trips. You can post pictures too if you have them. We would love to see some of the shells you found recently. I would like to know if you enjoy the pictures and want to see more. We have lots of people that check out our page from all over the world, so come join us.

Notes

MEMBER NEWS

It is time to renew. Check with Betty Lipe on your renewal status.

Send in any member news to John Jacobs
Email
johncheryl@earthlink.net

Would you like to have your picture in the Directory? If so please email or send us a picture. We can scan in and return your picture to you. You can also bring it to a meeting. Would love to have everyone pictured. We can then put a face to a name. Thank you.

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Happy Birthdays

Nov

4 - Rob Geater
7 - Isabel McKinney
7 - Gail Haseley
9 - Carolyn Petrikin
11 - Robert Holzworth

Dec

12 - Robert Gould
14 - Doug Boddy

Jan

6 - Tamara Hein
25 - John Jacobs



St. Petersburg Shell Club, Inc.
Founded 1936
Annual Dues: Individual \$15.00
Family \$20 (1 copy of TIDELINES per household)

Meetings are held on the 1st Friday of the month, except June, July and August, at the **Seminole Recreation Center, 9100 113th Street North, Seminole**. Meetings start at 7:00p.m. and include educational short programs, social times, opportunities to identify shells, and a main program on some aspect of the shell collecting hobby. The club publishes "**TIDELINES**" 5-6 times a year with a special edition at Shell Show time. The membership year begins Jan 1st and dues are delinquent after Apr 1st. Please make your check payable to the St. Petersburg Shell Club.

Return the application to the membership chairperson at the address below.

Please complete—Detach and Return

New Member: Individual _____ Family _____
Renewal: Individual _____ Family _____

Name: _____ Phone: _____

Address: _____ Apt# _____

City, State, Zip: _____

E-mail: _____

Birthday: _____ Shell Interests: _____

If you use another address part of the year, please list where & when here:

Donation to the Awards and Ribbons Fund for the Shell Show

Print as you want to be listed.

Return to: Membership Chairperson
P. O. Box 3472
Seminole, FL 33775-3472

E-mail: blipe@tampabay.rr.com
Web site: stpeteshellclub.org
Like us on Facebook

	Total Enclosed:
Membership \$	_____
Awards and Ribbons Fund \$	_____
Total \$	_____

Time to Renew your membership

Just a reminder that our membership runs the calendar year...so all dues are up on December 31st. You can check with Betty Lipe on your renewal status for 2017.

Email:
blipe@tampabay.rr.com

Egmont Key Discover the Island November 12 & 13, 2016

Our Clubs have been invited to participate in this fund raising event for the Egmont Key Alliance. The St. Petersburg Club has done this before, and everyone enjoyed the event. Volunteers who choose to go to the island on the 8am ferry will pay nothing. But if you go later, there is a \$5 fee (still better than the \$18 regular fare). Entry into Ft. DeSoto is still free for volunteers. A list of the volunteers has been turned in to the organizers.

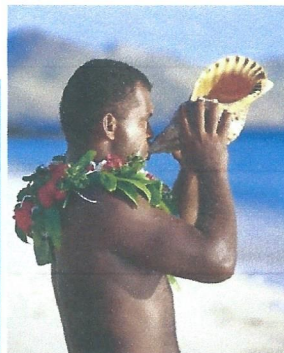
The event starts at 9am, with the last ferry leaving Egmont at 4pm. So we'll be shutting down at 3pm. The volunteers who work Sunday need to pack everything up, and bring it back with them.

Food and drink is available for sale, but you can bring your own, if you wish.

Show 'n Tell

Bring that special shell to the meeting and talk for a few minutes about it. What was it that appealed to you about that specimen? Was it the color, the family, the location it came from?

Whatever the reason, Blow your horn, show it off.



Did you notice we are only 6 pages long. Well, I have 2 pages reserved for your articles and I am hoping you can fill them in the next issue.