

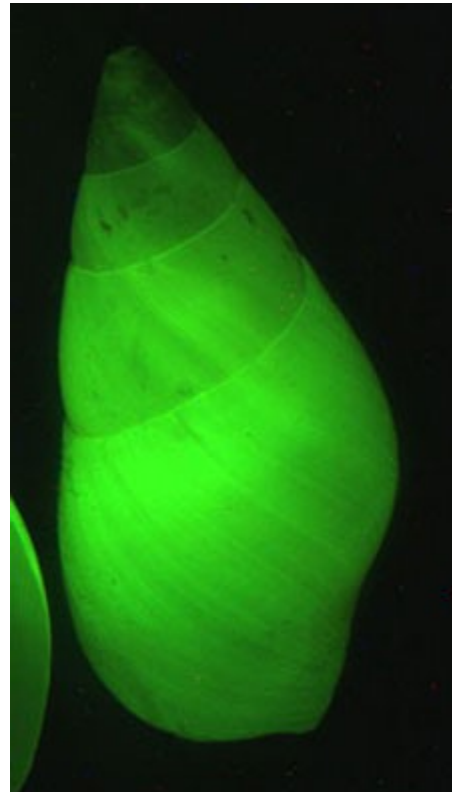
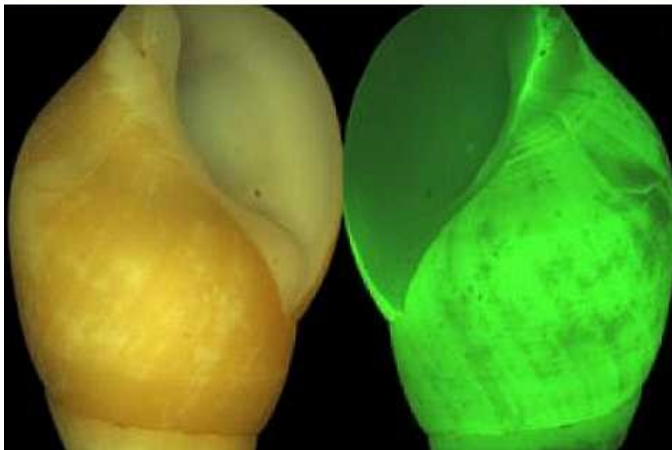
Tidelines

May 2018

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.



Hinea brasiliana (Lamark, 1822)

The common name is the yellow-coated clusterwink, is a small species in the family Planaxidae. Native to New Zealand and southern Australia found in the littoral zone of rocky shores. It is one of only a few species able to bioluminesce. The shell is thick, narrowly conical, usually smooth, white in color with a yellow periostracum and a horny operculum. When disturbed it emits a series of short flashes of bluish-green light. The light is produced from the mantle tissue and shines through the pale translucent shell. The light may serve to startle or dazzle a potential predator.

References: Wikipedia, photos from gajitz.com, webcoist.momtastic.com
You can see a small display of these shells at the Bailey-Matthew National Shell Museum



A MESSAGE FROM THE DESK OF YOUR PRESIDENT

Hi all,
Summer is almost upon us along with a 3-month hiatus for our club meetings. This doesn't mean shell collecting has to be over with until September when meetings start up again. During your travels, you can still collect and/or take pictures of live shells.

Hopefully, you will consider submitting your wonderful pictures for inclusion into the next newsletter. We have one planned trip on May 17th at the south Sunshine Skyway bridge area (see inside for details).

We are hoping that some of you will volunteer to chair and help out with some committees that are needed for next year. We really need a Shell Show committee, Financial Award committee, and a Picnic committee. We also need a Nominating committee for next season as elections are required. Please seriously consider helping out your club with any of these vital committees.

Our annual picnic is set for May 20 at the south Sunshine Skyway Bridge picnic area. It would be a good idea to have a board meeting a little earlier at 2pm.

Most important of all is to have a safe and enjoyable summer. Take care in your travels, and we look forward to seeing you all in September.

John

Club Officers and Committees

President John Jacobs; Vice President Robert Gould; Recording Secretary Toni Treadway & Sandy Boddy; Treasurer Tamara Hein; Newsletter Editor Cheryl Jacobs; Directors at Large: Peggy Dill, Marilyn Wall, Jane McKinney, Otis Taylor; COA Representative John Jacobs; Refreshments Bob Holzworth; Photographer John Jacobs; Field Trips Entire Board; Corresponding Secretary open, Shell Show Cheryl Jacobs; Annual Picnic the Board; Raffle/Door Prizes Cheryl Jacobs & Peggy Dill; Facebook Cheryl Jacobs; Webmaster Cheryl Jacobs.

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

May

1 Tue 8:23PM -0.2
2 Wed 9:02PM -0.2
3 Thu 9:45PM -0.2
14 Mon 6:47PM -0.2
15 Tue 7:32PM -0.4
16 Wed 8:20PM -0.5
17 Thu 9:13PM -0.5
18 Fri 10:10PM -0.5
19 Sat 11:12PM -0.4
21 Mon 12:16AM -0.2
28 Mon 7:01PM -0.2
29 Tue 7:36PM -0.2
30 Wed 8:11PM -0.3
31 Thu 8:48PM -0.2

June

1 Fri 9:27PM -0.2
12 Tue 6:39PM -0.4
13 Wed 7:28PM -0.5
14 Thu 8:18PM -0.6
15 Fri 9:09PM -0.5
16 Sat 10:01PM -0.4
17 Sun 10:53PM -0.3
26 Tue 6:51PM -0.2
27 Wed 7:26PM -0.2
28 Thu 7:59PM -0.2
29 Fri 8:33PM -0.2

July

10 Tue 5:40PM -0.2
11 Wed 6:32PM -0.4
12 Thu 7:22PM -0.5
13 Fri 8:10PM -0.5
14 Sat 8:55PM -0.4
15 Sun 9:39PM -0.2

Aug

8 Wed 5:28PM -0.1
9 Thu 6:20PM -0.2
10 Fri 7:07PM -0.2
11 Sat 7:49PM -0.1

Sep

No minus tides

Upcoming Club Meetings

6:30pm Meet and Greet, 7pm Meeting

May 4 Regular Meeting this is our last meeting of the season until we start back up in September.

May 5 Tampa Bay Fossil Club Meeting

May 8 Meeting of Suncoast Conchologists

May 17 Field trip We are having a night time shelling trip to the South Skyway Bridge. Meet at 8pm by the first table when you drive in. More info on page

May 20 Picnic At South Sunshine Skyway Bridge. 2pm see the info below.

Field trip:

On Thursday **May 17** we will be having a night time field trip. We are meeting at the South Sunshine Skyway Bridge rest stop at the south end. There is a picnic table near the entrance to the parking lot for the rest stop. We will be going out at 8pm and the sunset is around 814pm. It is a -0.5 tide so we should be able to go out quite a way.

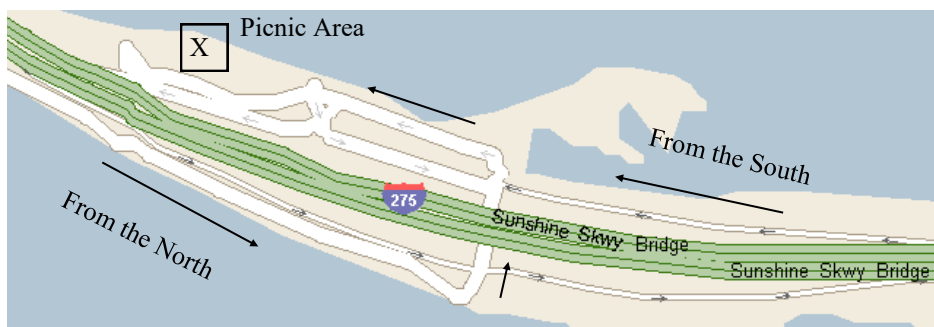
Bring a flashlight (everyone needs a flashlight), water, bucket or bags, shoes that can get wet and muddy, gloves if you want. Sign up at the May meeting or contact Cheryl Jacobs at johncheryl@earthlink.net

END OF SEASON PICNIC

Our picnic this year will be on Sunday May 20th.

Time: 2 pm

Place: South Sunshine Skyway Bridge Picnic area. South end of Sunshine Skyway Bridge (I-275), just past the rest area. There is a toll for the bridge. The picnic area has tables and small shelters. Take the exit for the rest area and follow the signs, go thru



need to bring your own drinks and a dish to share.

Example of dishes to share:

Potato salad, fruit salad, other salads, beans, vegie plate, cut up watermelon, chips, desserts

We can go in the water, or play Crown (Shell bingo).

UPCOMING SHELL SHOWS & RELATED EVENTS

Jun 2-3 **GULF COAST SHELL SHOW**, Panama City Beach Senior Center, 423 Lyndell Lane, Panama City Beach, FL

Aug. 25-26 **3rd WEST COAST SHELL SHOW**, San Diego, CA Casa del Prado, Rm 104 Balboa Park David Berschauer E-Mail: shellcollection@hotmail.com

Aug. 30-Sept. 3 **CONCHOLOGISTS OF AMERICA ANNUAL CONVENTION**, San Diego, CA Sheraton San Diego Hotel & Marina, 1380 Harbor Island Drive, San Diego, CA 92101 Registration: Nancy Hale (email: tomnan12@att.net) Web site: conchologistsofamerica.com

Aug. 24 – Sept. 3 **OREGON SHELL SHOW**, Salem, OR. Oregon State Fair Grounds – Jackman-Long Bldg., 2330 17th St. NE Marici Reid, 673 Cessna St., Independence, OR 97351 E-Mail: marici@earthlink.net

Sept. 28 - 30 **NORTH CAROLINA SHELL SHOW**, Wilmington, NC (New Venue: Coastline Conference & Event Center, 501 Nutt Street) Karlynn Morgan, 3098 Shannon Dr., Winston-Salem, NC 27106-3647 E-mail: karlynnmorgan@earthlink.net Web site: www.ncshellclub.com

Oct. 27-28 **PHILADELPHIA SHELL SHOW**, Philadelphia, PA Academy of Natural Sciences, Parkway & 19th St. Paul Callomon, E-mail: prc44@drexel.edu Web site: www.phillyshellclub.org

Courtesy of Donald Dan and others



the parking lot, pass the restrooms and you will see a road for the picnic area.

Sign up at the May meeting or contact Cheryl Jacobs at johncheryl@earthlink.net. We need to have a count so I can buy enough chicken.

Club will supply chicken, you will

VULCAN MINE FIELD TRIP

On Saturday April 14, 2018 we had a trip to the Vulcan mine. Fossil collecting is always fun and everyone came home with something. We parked and walked into the old mine area.



Airy found what looks like a juvenile Strombus mold. Very cool and rare.



Vulcan Mine Field Trip

John Jacobs

On April 14th, an intrepid group of 17 fossil collectors met at the Vulcan Mine in Brooksville. The Vulcan Materials Company is a division of CEMEX, and graciously allows collectors in on the second Saturday of the month. There were three other groups there which made for a nice sized amount of people.

The age of the material here is about 24-36 million years old, which is Oligocene. Shell material doesn't preserve well here, so casts, both internal and external, are what we usually find here. The primary focus of collectors are the echinoderms, comprised of sea biscuits, sand dollars, and sea urchins. The tests of these fragile animals preserve very well.

Rare small scallop shells are found here in intact condition, not just a cast. Casts of moon snails, cones, turril-las, carrier shells, and numerous bivalves are commonly found here just to name a few.

To clean the echinoids, try soaking them in vinegar for about 15 minutes, rinse with water, then use a small wire brush to help remove the matrix. Further soaking may be needed, but keep it short, as prolonged soaking in vinegar will dissolve the specimen. Small picks, like dental tools, can be used for the more stubborn bits. Muriatic acid can also be used, but this is very serious stuff requiring great care in a well-ventilated area.

It seemed like everyone had a good time, and hopefully found something interesting. I'm looking forward to my next visit to Vulcan and finding new treasures to add to my collection.

Reference:

Evers, Anita Bowe and Debbie P. Bowe. 2018. Identification Guide to Florida Fossil Echinoids

Cemex Fossil Trip

John and I went on a field trip with the Tampa Bay Fossil Club to Cemex in Center Hill. The site was very similar to the Vulcan mine and so was the age of the fossils. This site is closed to the general public and is hard to get into. We had to watch a safety film, and wear hard hats. (yes we own hard hats) While we were waiting to enter the Cemex plant area, John found a snail on the cement columns by the road. He has identified this as *Drymaeus dormani* (Binney, 1857). We found shell molds very few echinoderms but lots of foraminifera and every once in a while a shell mold that was crystalized. Our prize find was what we believe is an architect shell, juvenile before it has inverted.

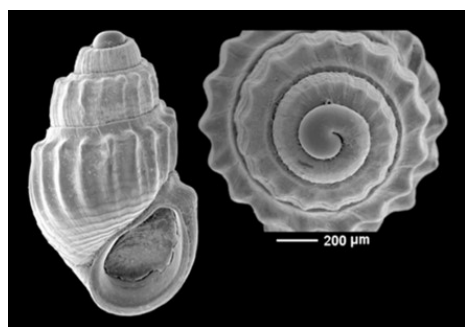


Snail and shell mold to the left.

Crystal shell mold on bottom left and the architect shell bottom right.



New species found in 2017



The Solomon Islands pyramidellid snail. *Eurathea solomonensis* Penas & Rolan, 2017

Measuring a mere 2.25mm. Found in a dredge haul at a depth of 98-200 meters taken off the island of Malaita in the Solomon Islands.

Like all other pyramidellids, it is assumed that *Eurathea solomonensis* is an ectoparasite on other benthic invertebrates, probably a polychaete (worm) or another mollusc.



The invasive 'Spiderman' worm-snail. *Thylacodes vandyensis* Bieler, Rawlings & Collins, 2017.

A strange new marine worm-snail species with an interesting story. The species is described from an artificial reef (a deliberately scuttled shipwreck) off Florida - a new species, with interesting morphology and biology (a sessile gastropod that looks like a tube worm), certainly not native to the type locality, with high invasive potential, and presenting a potential threat to the local coral reefs. The picture shows the animal without its shell.

Reference: a Facebook post by Rudiger Bieler. LifeWatch Belgium
www.lifewatch.be/en/worms-top-2017

Just found this really neat site. www.malacologicalterms.org

www.malacologicalterms.org/Terms-GastropodShapes.asp page

An Illustrated and Cross-Referenced Glossary of Malacological and Conchological Terms by Paul S. Mikkelsen

All Gastropod Shape Terms in the Glossary

HIGH SPIRED A shell which is much higher than wide.



INVOLUTE Having the last whorl enveloping earlier ones, so that the height of the aperture is generally the height of the shell, as in the Bullidae

There are lots of terms and this site was easy to read. I hope you try it out and it helps you. From the home page I clicked on Composite Illustrations, then under Gastropods I clicked on listed with definitions.

I have only given you a few terms here to see how it works.

Paulo Kiyoshi posted on Femorale Shells Facebook page a picture and the website.

Publication Date: April 17, 2018

Publicity Contact: Amy Rosi, AROS Communications

Phone: 212--953--5177

E-mail: arosi@aroscommunications.com

The Beachcomber's Companion

An Illustrated Guide to Collecting and Identifying Beach Treasures

Written by Anna Marlis Burgard

Illustrated by Jillian Ditner

ON SALE APRIL 17, 2018

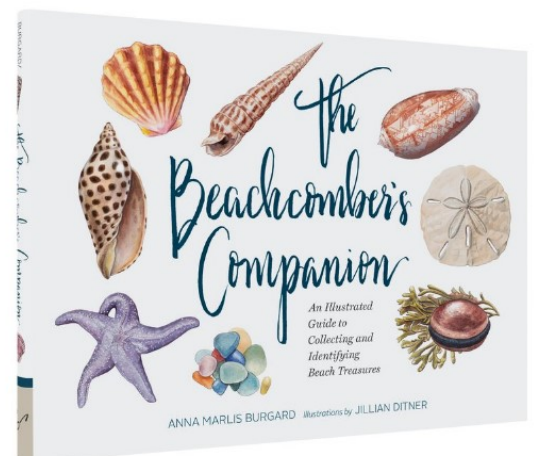
128 pages | 45 full color illustrations | \$16.95

ISBN: 9781452161167

BREEZY, INVITING, AND DELIGHTFUL – Just like a day at the beach

The Beachcomber's Companion is a charming illustrated guide for collecting and identifying shells and many other objects tossed ashore by the waves.

We received this press release and think it may be a good beginners book. So, we are passing the info on to you. (editor)



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.

MEMBER NEWS

Send in any member news to Cheryl Jacobs
Email stpeteshellclub@gmail.com

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.

Would anyone like to be our corresponding secretary? Duties would be to send out Birthday Cards, Get Well Cards and Sympathy Cards to our members. If you would be interested contact Cheryl Jacobs at stpeteshellclub@gmail.com

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May

1 – Jerry Puigdomenech, Jr.
9 – Airy Callahan
16 - Tina Murders
20 – Roger Smith
23 - Mary Ellen Akers

Sep

2 – Otis Taylor
4 – Wendy Spearman
4 – Matt Spearman
10 – Linda Taylor
11 - Sharlene Totten
20 – Robert Marchiselli

July

11 – Elaine Smith
12 - Jessica Spearman
28 - Peggiann Ankrom
28 – Melanie Thoenes

Jun

5 - Sandy Boddy
7 – Maureen Keefe
12 – Julie Benedict-Dolney
13 - Karla Mason

Aug

3 – William Turner
11 – Gloria Gould
15 – Bob Linn
22 – Bradley Spearman
28 – Linda Spiegel
29 - Cheryl Jacobs

Happy Birthdays



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

Total Enclosed:

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

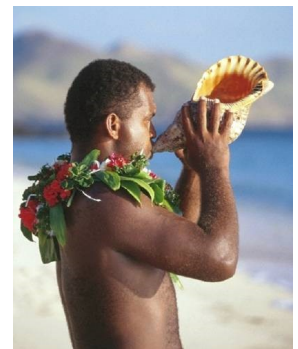
E-mail: stpeteshellclub@gmail.com
Web site: stpeteshellclub.org
Like us on Facebook

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?

Do you have a question on the identification of a shell?

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



WOW!

Check this Out We have a new website

We revamped the site and updated the information. Please check us out and tell us if you see anything that needs to be corrected. Suggestions are also good. Just keep in mind we are new at this stuff. www.stpeteshellclub.org The new site has a blue background, so if you don't see that, you may have to refresh your screen. The Shell Show information and applications are on the site along with a membership application.

You can reach us at the club email stpeteshellclub@gmail.com

