

Tidelines

May 2019

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.

How Snails Grow Their Own Shells

Snails grow their own shells just like we humans grow our own fingernails!

mantle

The outer skin that surrounds the snails' internal organs is called the **mantle**.

The mantle secretes the calcium and protein material that builds the shell.

When a baby snail hatches from its egg, it has a small shell with one "whorl", or rotation of the spiral.

The shell grows as the snail's body grows. Instead of simply growing larger, the shell grows in a spiral shape around the center.

When the snail eventually reaches its adult size, it stops growing. The mantle still produces shell material when repairs are needed.

©2019 MARLA COPPOLINO

I want to thank The Snail Wrangler facebook page for this great graphic.

If you have a question about shells. Ask me and I will try to find the answer.

You may get a whole article in the newsletter.

Email the club at stpeteshellclub@gmail.com or johncheryl@earthlink.net



A MESSAGE FROM THE DESK OF YOUR PRESIDENT

Hi all,

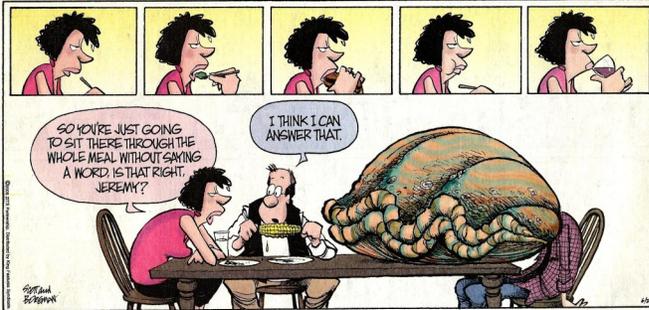
As we approach our summer hiatus from club meetings, I know that many of you are making plans for travel. I'm hoping you all have a safe and enjoyable time, with thoughts of possibly adding to your collection. The really big event for opportunities like this will be the Conchologists of America convention being held on Captiva Island here in Florida. Even if you are not registered for the convention, you can attend the oral auction and the dealers bourse; both are open to the public. The bourse has dealers from around the world, bringing with them shells of all kinds. Hope you can make time for it.

Be safe, and happy shelling!

John

Two British cuttlefish are in the pub. One hands the other a sorry-looking coleoid and says: "Here's the sick squid I borrowed off you" —Thanks to Paul Callomon via conch-l

ZITS/ by Jerry Scott and Jim Borgman



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

Club Officers and Committees

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

Forecast Minus Tides

May

- 4 Sat 7:12PM -0.1
- 5 Sun 7:51PM -0.3
- 6 Mon 8:34PM -0.3
- 7 Tue 9:23PM -0.4
- 8 Wed 10:20PM -0.4
- 9 Thu 11:24PM -0.3
- 11 Sat 12:32AM -0.2
- 12 Sun 1:39AM -0.1
- 17 Fri 6:36PM -0.2
- 18 Sat 7:19PM -0.3
- 19 Sun 8:00PM -0.4
- 20 Mon 8:42PM -0.4
- 21 Tue 9:25PM -0.3
- 22 Wed 10:11PM -0.2
- 23 Thu 11:01PM -0.1

June

- 1 Sat 6:22PM -0.1
- 2 Sun 7:03PM -0.3
- 3 Mon 7:46PM -0.4
- 4 Tue 8:32PM -0.5
- 5 Wed 9:22PM -0.5
- 6 Thu 10:16PM -0.4
- 7 Fri 11:11PM -0.3
- 9 Sun 12:07AM -0.2
- 14 Fri 5:47PM -0.1
- 15 Sat 6:32PM -0.2
- 16 Sun 7:13PM -0.3
- 17 Mon 7:52PM -0.3
- 18 Tue 8:30PM -0.3
- 19 Wed 9:08PM -0.2
- 20 Thu 9:46PM -0.2
- 21 Fri 10:26PM -0.1
- 30 Sun 6:08PM -0.2

July

- 1 Mon 6:54PM -0.4
- 2 Tue 7:40PM -0.5
- 3 Wed 8:26PM -0.5
- 4 Thu 9:13PM -0.5
- 5 Fri 10:00PM -0.3
- 6 Sat 10:46PM -0.1
- 13 Sat 5:40PM -0.1
- 14 Sun 6:24pm -0.2
- 15 Mon 7:04PM -0.2
- 16 Tue 7:39PM -0.2
- 17 Wed 8:12PM -0.1
- 18 Thu 8:44PM -0.1
- 29 Mon 5:53PM -0.1
- 30 Tue 6:41PM -0.3
- 31 Wed 7:27PM -0.3

Aug

- 1 Thu 8:10PM -0.3
- 2 Fri 8:51PM -0.2
- 3 Sat 9:31PM -0.1
- 28 Wed 6:19PM -0.1

Upcoming Club Meetings
 6:30pm Meet and Greet, 7pm Meeting
May 3 Regular Meeting Dr Greg Herbert who will talk about Argentina and Patagonia.
May 4 Tampa Bay Fossil Club Meeting
May 7 Meeting of Suncoast Conchologists
Season ending for the clubs.
September we all start up again
See you then

UPCOMING SHELL SHOWS & RELATED EVENTS
 May. 31--June 2 **22nd GULF COAST SHELL SHOW**, Panama City Beach Senior Center, 423 Lyndell Lane, Panama City Beach
 Jun 17-23 **Conchologists of America Convention**, Captiva Island, Florida. See conchologistsofamerica.org for registration forms.
 Courtesy of Donald Dan and others

HONEYMOON ISLAND

On April 13-14 Bob and Pat Linn worked inside the visitor center. They had a large display of shells both local and worldwide. They spent the day talking about shells. That is something we all would like to do...talk shells all day long. We hope they had a good time and taught something new to a everyone that day. Thanks for all you do.



Phyllis Diegel Collection

by Her daughter Cathy Paxton

The Marine Shells from the diverse and interesting Phyllis Diegel Collection are for sale by Families. Please visit the Website below after April 20, 2019 for all the details and to make an offer by the June 15th deadline. There is also a list of hundreds of Marine, Land and Fossil Books for sale on the Website: <https://diegelcollection.weebly.com>



Phyllis was an avid collector and will be missed by everyone. She lived to far to come to our meetings but always tried to come to the Shell Show.

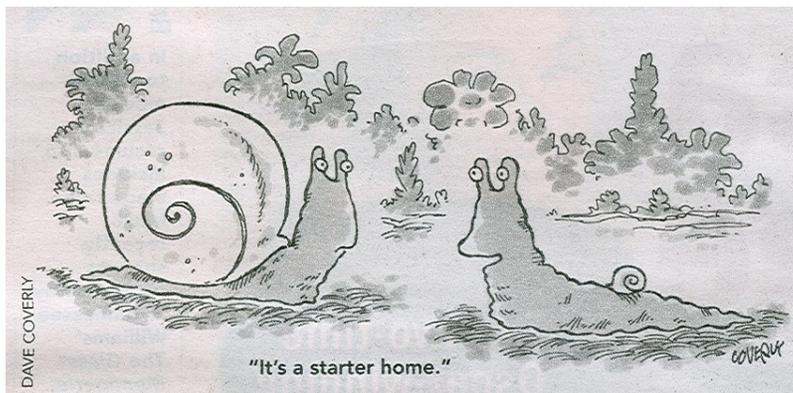
COA Convention 2019

Registration forms are on the website.
<http://www.conchologistsofamerica.org>
Click on the 2019 convention, and all the forms come up;
just print the ones you need. Don't miss it!



Snail Parade:

A word about the Snail Parade being held at the June, Captiva meeting. Many of you have asked what this is. Simply, it is a parade of figurine snails entered into 6 categories. These can be glass, metal, plastic, paper, or stuffed, any snail at all. You do not have to make them, these are collectibles. This is a fun event, attendees vote for their favorite in each category,, and trophies are awarded. The best will be Snail of the Show. So dust off your curio cabinets, go to Dollar Stores and find snails, then fill out the entry form included with the registration, and mail them in.



Conchologists of America

R. Tucker Abbott

1919 2019

Captiva 2019

South Seas Island Resort

Pre-Convention Field Trips
June 17 & 18

Programs June 19 - 21

Bourse June 22 & 23

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.

A new species of 'gigantic' mollusc has been discovered in the Antarctic waters



Date: October 8, 2011
Source: Plataforma SINC
Summary: Researchers have discovered a rare mollusc in Antarctic waters that looks the same as limpets but is bigger in size than the species known to date. The specimen appeared in waters much further away from where this type of species is normally found.
Page cite: Plataforma SINC. "A new species of 'gigantic' mollusc has been discovered in the Antarctic waters." ScienceDaily. ScienceDaily, 8 October 2011. <www.sciencedaily.com/releases/2011/10/111006084232.htm>.
Journal Reference: Cristian Aldea, Jesus S. Troncoso, Diego G. Zelaya. **A new gigantic species of *Zeidora* Adams from Antarctic waters.** *The Nautilus*, 125(2):79-82, 2011

A new species of 'gigantic' mollusc has been discovered in the Antarctic waters.

Credit: Image courtesy of [Plataforma SINC](#)

Spanish researchers have discovered a rare mollusc in Antarctic waters that looks the same as limpets but is bigger in size than the species known to date. The specimen appeared in waters much further away from where this type of species is normally found. A new species of mollusc that shares the same morphology as the limpet (Fissurellidae) and is 14 millimetres in length has been found in Antarctic waters. This discovery by a research team from the Ecology and Zoology Department of the University of Vigo, Spain has been published in *The Nautilus* and provides more information on the members of the *Zeidora* genus and their geographic distribution.

Cristian Aldea, co-author of the study, explains that "this genus belongs to a group which we know very little about. This group is made up of 14 species of which very few specimens have found." Named *Zeidora Antarctica*, this 14 millimetre long specimen is much bigger than members of the same genus, who are not normally longer than 5 millimetres.

It was discovered at a depth of more than 600 metres in the Bellingshausen Sea in Antarctica -- a habitat with very different characteristics to that of other *Zeidora* species. Previously found specimens of this group live in tropical and warm waters. Out of all of them, eight species have been discovered in the Northern Hemisphere in the Caribbean, Japan, Panama and the Red Sea. Furthermore, six have been found in the Southern Hemisphere in places like the Galapagos Islands, Easter Island, Australia and New Zealand. The specimen was found during the BENTART expedition of the Spanish National Antarctic Programme on board the *Hespérides*. Aldea recognizes that he was not expecting "to find such a species on the trip since those that have already been discovered are known to be distributed from low (tropical) to medium latitudes with the closest becoming a species found in New Zealand."

Aldea states that "we carried out the description of the species based on the shell, given that no soft tissue could be found in the only caught specimen." These studies have allowed us to show, for instance, the number and size of ribs that the mollusc has. However, the morphology of its soft tissue was not revealed but "all of the characteristics taken from the shell indicate that it is a living species as opposed to a fossil species," according to the expert.

The discovered specimen is on display at the Madrid's National Natural History Museum (MNCN) and has been compared with other *Zeidora naufraga* Watson, *Zeidora maoria* Powell and *Zeidora reticulata* species that are on display at the London's Natural History Museum.

Editors note: found on the web. Facebook post of Paulo Kiyoshi

WHAT IS IT?

Facebook post Jan 2, 2019

By Roger Clark to the San Diego Shell Club page. It was asked what is it:

David Feld replied.....it's a solenogaster - a naked mollusc from the subclass Solenogastres of the class Aplacophora ('not shell-bearing'). They are generally much smaller than this 4" one, and are rarely seen.

Solenogaster neomenia cf yamamotoi Baba, 1975



FINANCIAL AWARD

Our Financial Award Winner is Nicole Seiden a grad student under Dr. Gregory Herbert at the University of South Florida. She is pursuing her Master's in Environmental Science and Policy with a focus on Marine conservation. She has gone on 2 research cruises with Dr. Herbert to study the biodiversity out in the Gulf of Mexico and is in the process of composing a thesis project from the data. She was our speaker in April and we hope she returns to speak again.

SHOW & TELL

Pat Linn giving us a talk about the horse conchs she has found and what she shares with people that come to Honeymoon Island.



MEMBER NEWS

The club picnic was on April 14. It was very early this year to give some of our snowbirds the chance to attend. The weather did give us a beautiful day, but it was really windy. So, we had fun holding onto our plates to eat. Our turnout was not very large but we all had a great time. We had a chance to meet and get to know a couple of our newest members.

Got a shell question???
Send me an email. I will try to answer it in the [Tidelines](#).

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

Shells – Crafts – Bags – Florida Books



THE SHELL STORE LLC

8211 Ulmerton Road (Route 688)

Largo FL 33771

Phone 727-360-0586

Email: shells@theshellstore.com

www.theshellstore.com

Ken Lipe & Jim the Shell Man

Mirror Frames with and without Glass

Sailor's Valentine boxes custom made in Mahogany, Cherry or Walnut

Plastic Bags, for cataloging and storing your shells

Finished Mirrors many sizes and colors

Home of do-it-yourself shell craft supplies.

Shell Characters, Flowers and Trees all made on the premises

One Stop Sheller's Supermarket

Open 10 am to 5 pm

Monday thru Saturday

May

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

Happy Birthdays

June

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

July

- 11 – Elaine Smith
- 12 – Jessica Spearman
- 24 – Cynthia Beck
- 26 – David Ward
- 28 – Peggian Ankrom
- 28 – Melanie Thoenes

Aug

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

	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.



HAVE I RENEWED ?



Our club membership runs from January to December. If you are not sure if you have renewed call or email us.

Contact Cheryl & John Jacobs
johncheryl@earthlink.net
 or 813-309-2608