



# SHELL-O-GRAM

Official Publication of the  
**JACKSONVILLE SHELL CLUB, INC.**

January-February, 2012

Volume 53 no. 1

The club will meet at the usual time (7:00 PM) and place (SW Branch Jacksonville Public Library), and we have reprised the time-honored monthly date, the **fourth Thursday (Jan. 26, 2012)**. The program will be presented by Charlotte Thorpe and Harry Lee on the club field trip to Cedar Key the weekend after Thanksgiving. Following the presentation there will be time allotted for show-and-tell as well as an ID clinic, so bring any west FL shells you might find of interest to the group and/or in need of identification. Brian Marshall will open the meeting with a chronicle of the New Years Day hunt for the first living specimen of the Panasoffkee Liptooth, the Shell-of-the-Month and a snail new to science.

On **February 23** we will convene at the usual time and place. On tap will be a presentation by Rick Edwards, who, with Roz and their son William, enjoyed a Caribbean cruise including Grand Cayman Island and Cozumel. He was able to get his feet in the water in both ports-of-call, and his underwater camera was fully operational. Harry Lee will talk about how he deployed pharmaceutical rep's to collect marine sediments in Grand Cayman and other Caribbean waters. A recently-named micromollusk provided by this armchair collecting method will be featured.



Eighteen Jacksonville Shell Club Members attended the Christmas Party hosted by Claire Newsome on December 10th. We enjoyed a wonderful dinner, a fun gift exchange, companionship, and a "Good Time" was had by all.

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This club meets each month at the Southeast Branch of the Jacksonville Public Library, 10599 Deerwood Park Blvd., Jacksonville, Florida. Please address any correspondence to the club's address above.

The Shell-O-Gram is issued bimonthly and emailed or USPS mailed to all regular members. Annual membership dues are \$15.00 for individuals or \$20.00 for families (domestic) and \$25.00 (foreign). Lifetime membership is available. Please send checks to the above address and made out to the Jacksonville Shell Club, Inc. For members that use PayPal, you can now go to PayPal to pay your dues. Use [neflshells@bellsouth.net](mailto:neflshells@bellsouth.net) as the address and be sure to add a note with your name.

We encourage members to submit articles for this publication. Closing date for article submission is two weeks prior to the first of each month of publication. Articles from this newsletter may be republished provided full credit is given the author and this newsletter, and one copy of the complete publication in which the article appears.

### **President's Message:**

Dear Shell Club Members,

Happy New Year to everyone. I would like to thank Claire Newsome for opening her home to us and hosting the 2011 JSC Christmas Party. We had a great turn out, a lot of good food, a fun gift exchange and an opportunity for all of us to gather together and socialize. I am already looking forward to next year's party! Our primary focus for the upcoming meetings in January and February will be organizing and delegating responsibilities for the 2012 Shell Show. I encourage everyone to attend if at all possible, as we will need all the help we can get in order to make the 2012 JSC Shell Show a success. Thank you to all members and your contributions to the Jacksonville Shell Club. Brian



## **SHELLERS' JAMBOREE**

YES!! Plans are being made for Suncoast Conchologists Shellers' Jamboree, to be held next year in Clearwater, May 26-27, 2012, Saturday and Sunday of Memorial Day weekend. We hope you and your shelling friends will make plans to join us for our two day mini-convention featuring, of course—Shells, Shells, and more Shells! Co-Chairmen of this week-end for shell-lovers everywhere are Mary Ellen Akers, Carolyn Petrikin, and Sharlene Totten. This will be the 10<sup>th</sup> Jamboree, a popular Suncoast Conchologists tradition, first held in May, 1989. Highlights of this well-known event will include:

**A Shellers' Flea Market + Programs + Shell Measuring + Happy Hour + Parade of Shells  
+ Lunches, Dinner and Banquet +  
Shell ID + Shell Art and Craft Show + Raffle + Silent Auctions +  
Single-Specimen Shell Show + Door Prizes + Verbal Auction**

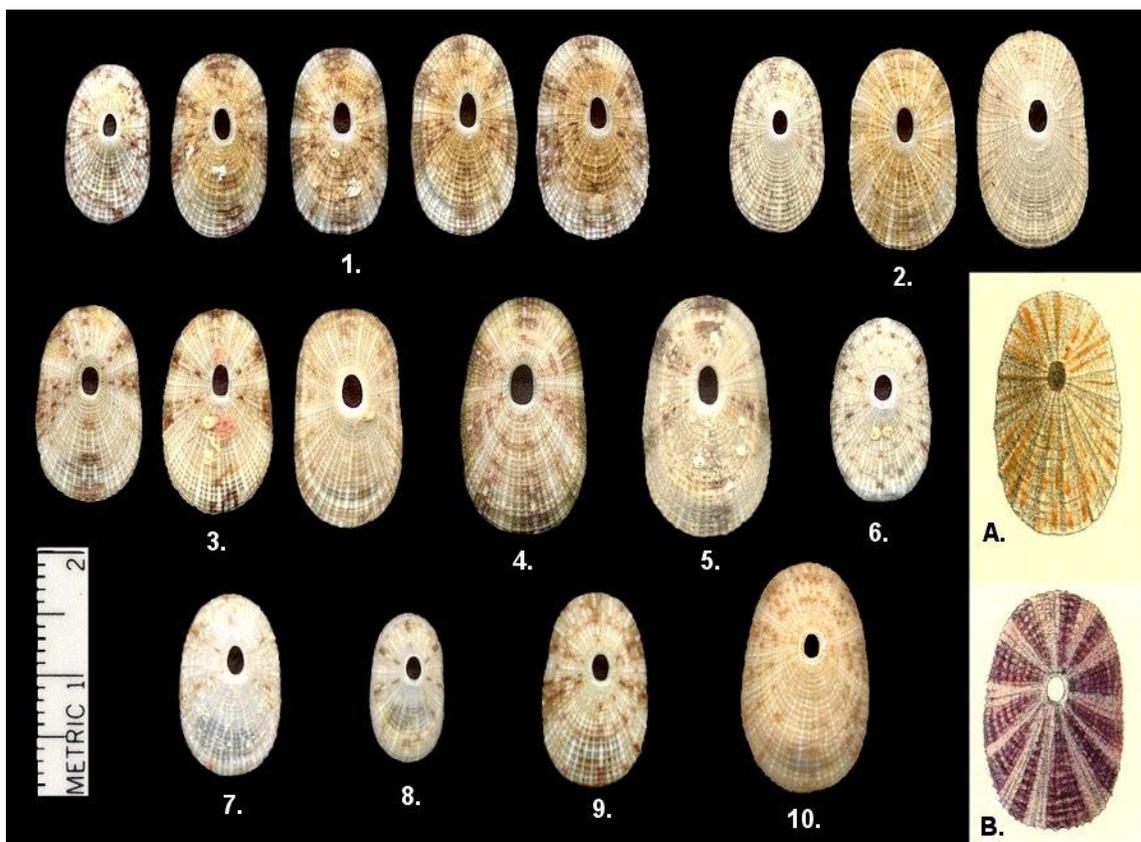
**And—Fun—Fun—Fun!!**

You won't want to miss this jam-packed shellers' weekend. More information and registration forms will be available after the first of the year. So stay tuned—send your e-mail address now to [jamboree2012@aol.com](mailto:jamboree2012@aol.com) to receive further details and get in on all the Jamboree news!

## A reassessment of *Lucapina* in the western Atlantic

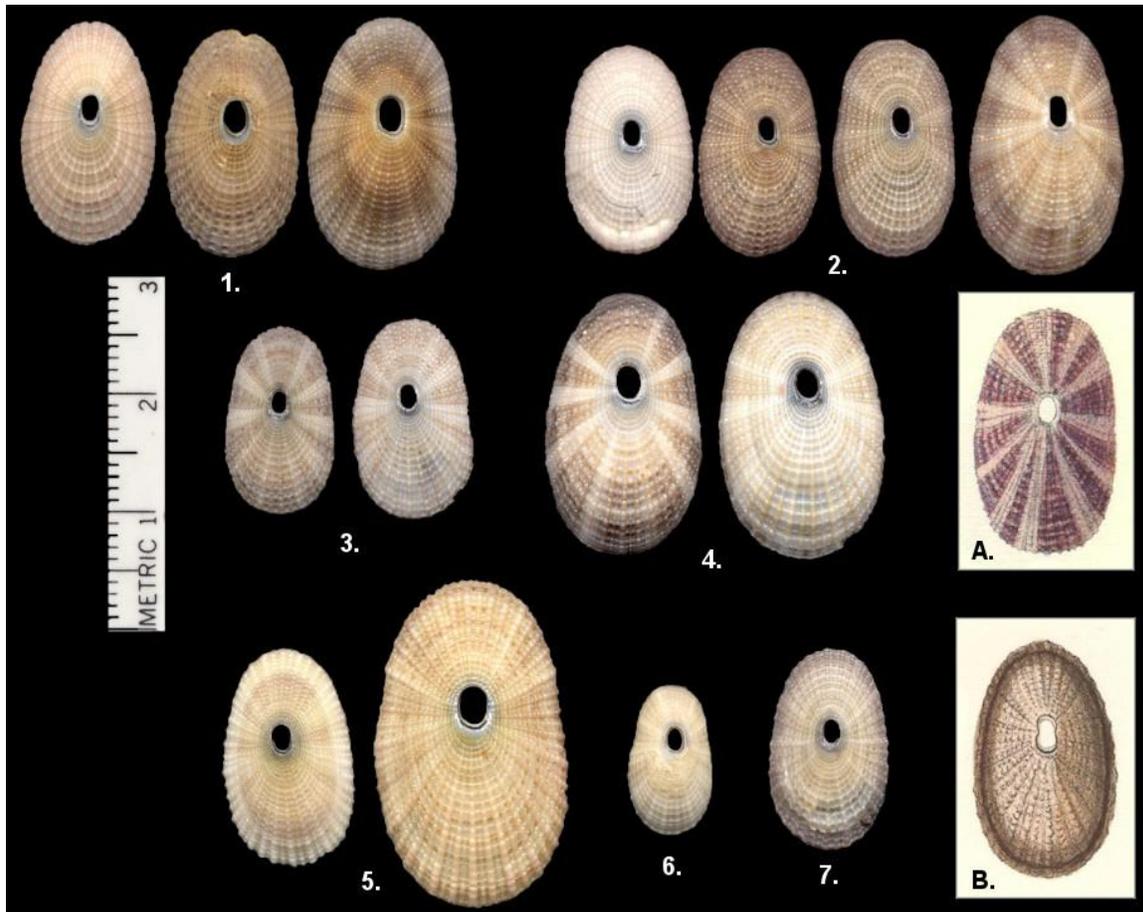
By Harry G. Lee

Since the 1950's it struck me a little odd that for G.B. Sowerby I was cited as the author of the well-traveled name of the Fleshy-limpet *Lucapina sowerbii*. Was this a bit of unparalleled egocentricity? Much later I was impressed by a passage in de Jong and Coomans (1988: 10, 11) questioning the prevailing use of this name (e.g., Abbott, 1974: 25). Now curiosity prevailed, and I delved into Byzantine taxonomic and nomenclatorial history of this binomen. The following summarizes my findings and demonstrates the importance of using original references in the identification of shells – even those bearing today's most commonly and widely-used names. I began by simply sorting shells to which I had applied the names *L. sowerbii* and *L. suffusa*. Using instruments of the electronic age I created (with Bill Frank's assistance) two composite images. Using these and the literature I (1) exonerated Sowerby and (2) had to rewrite a bunch of labels.



### *Lucapina adspersa* (Philippi, 1845) [*L. sowerbii* of authors, not G.B. Sowerby I, 1835]

FLORIDA: 1. Palm Beach Co. 2. Monroe Co., Islamorada. 3. Pickles Reef. 4. Little Duck Key. 5. Looe Key. 6. Boca Chica Key. BAHAMAS: 7. Eleuthera. TURKS AND CAICOS: 8. West Caicos Is. PUERTO RICO: 9. Cabo Rojo. BRAZIL: 10. Salvador, Bahia. Inset A: Type figure *Fissurella adspersa* Philippi, 1845; inset B: Type figure *Foraminella sowerbii* G. B. Sowerby, 1835.



***Lucapina sowerbii* (G. B. Sowerby I, 1835) [+ *L. suffusa* (Reeve, 1850)]**

FLORIDA: 1. Miami-Dade Co. 2. Monroe Co. MEXICO: 3. Quintana Roo. HONDURAS 4. Roatan. BAHAMAS: 5. Eleuthera. BRITISH VIRGIN ISLANDS 6. Peter Is. CAYMAN ISLANDS: 7. Grand Cayman Is. Inset A: Type figure *Foraminella sowerbii* G.B. Sowerby I, 1835; inset B: Type figure *Fissurella suffusa* Reeve, 1850.

**Here is the “new” taxonomic and nomenclatorial analysis:**

***Lucapina* Gray in G.B. Sowerby I, 1835** (pt. 80: catalogue p. 4)

Introduced in synonymy but treated by Gray (1840: 114, 147) as valid thus becoming available (ICZN, 1999: Article 11.6.1). Gray’s treatment has been followed by many authors, e.g., H. and A. Adams (1854: 447), Herrmannsen (1847: 627), and Dall (1915: 437, 438).

**+ *Foraminella* G.B. Sowerby I, 1835** "Guilding M.S." (pt. 80; catalogue p. 4)

Introduced in synonymy. As First Reviser (ICZN, 1999: 24.2), Dall (1915: 438) gave precedence to *Lucapina* Gray in Sowerby. Despite being listed in a few works, e.g., Catlow (1845: 102), Agassiz in Scudder (1882: 139 and 126 in part 2), Neave, and Sherborn, it is unavailable since it was never treated as valid before 1961 (ICZN, 1999: Article 16).

**Type species** by monotypy: ***Lucapina elegans* Gray in G.B. Sowerby I, 1835**. Subsequent designation of *Fissurella cancellata* G.B. Sowerby I, 1835 by Herrmannsen (1847: 627) is superfluous.

**= *Fissurella cancellata* G.B. Sowerby I, 1835 non Gray, 1825<sup>1</sup>**

Introduced in synonymy and given priority over *Lucapina elegans* under the Principle of the First Reviser (Philippi, 1844: 90; ICZN; 1999: Article 24.2.1). However, *F. cancellata* of Sowerby is unavailable under the Principle of Homonymy (ICZN, 1999: Article 52.2).

**= *Foraminella sowerbii* G.B. Sowerby I, 1835**

Introduced in synonymy but given priority over *Lucapina elegans* under the Principle of the First Reviser, Dall (1915: 438; ICZN, 1999: Article 24.2.1), who applied the Principle of Position Priority, an attribute no longer considered legitimate (ICZN, 1999) but nonetheless binding in this instance.

***Lucapina sowerbii* (G.B. Sowerby I, 1835)**

***Foraminella sowerbii* G.B. Sowerby I, 1835 "Guilding M.S." (pt. 80: 4, species 38; pl. 72, fig. 29)**

Introduced in synonymy but given priority over *Lucapina elegans* by the First Reviser, Dall (1915: 438; see above)

**= *Fissurella cancellata* G.B. Sowerby I, 1835 (pt. 80: 4, species 38; pl. 72, fig. 29) non Gray, 1825.<sup>1</sup>**

Unavailable under the Principle of Homonymy (see above). For this species Sowerby cited his "Tank. Cat." (Sowerby, 1825: 32, lot no. 802), but only the name, attributed to Solander, appears there, making that usage unavailable (*nomen nudum*; ICZN, 1999: Article 12; Glossary, p. 111). Solander's usage, *Patella cancellata* (see Sowerby, 1835: 4), albeit the earliest, was in manuscript only and is thus unavailable (ICZN, 1999: Article 8).

**+ *Lucapina elegans* Gray in G.B. Sowerby I, 1835**

Introduced in synonymy but yields priority to *Foraminella sowerbii* under the Principle of the First Reviser (Dall, 1915: 438; see above). Unavailable since it was never treated as valid before 1961 (ICZN, 1999: Article 16).

Type species of *Lucapina* Gray in G.B. Sowerby I, 1835

Type species of *Foraminella* G.B. Sowerby I, 1835 a junior objective synonym of *Lucapina* and unavailable; see above.

Type locality: St. Vincent. Probably collected by Rev. Lansdown Guilding (1797-1831), a resident of that island colony and apparently the coiner of the specific epithet.

***Lucapina suffusa* (Reeve, 1850)**

***Fissurella suffusa* Reeve, 1850 (pl. 10; species 70).**

Introduced in plate explanation as *F. hondurasensis* but emended to *F. suffusa* in errata.

Type locality: (British) Honduras. Collected by David Dyson (1823-1856), resident of that colony.

N.B. G.B. Sowerby II (1862: 200-201, species 115; plate 8, figs. 187, 189) observed: "*F. suffusa* Rve. is only a variety of this [*F(issurella) cancellata* Solander" = *F. sowerbii* G.B. Sowerby I, 1835] without the variegated bands." His fig. 187 is a close copy of the Reeve's (1850) figure of *Fissurella suffusa* [both having been drawn by him], and fig. 189 appears to be *F. adspersa* Philippi. The plate explanation reads: "187, 189. CANCELLATA, 115, *Solander*, (*Patella*), var. f 197, *suffusa* Rve. var. *adspersa*, *Ph.*, *Abbid.* 1, f. 13?." Thus he clearly synonymized the first two taxa and considered *F. adspersa* Philippi a possible third synonym [see remarks under *L. adspersa*]. Pilsbry (1890: 200) likewise synonymized *L. suffusa* with *L. sowerbii* [as *L. cancellata* (Sowerby)] but considered *L. adspersa* distinct.

***Lucapina adspersa* (Philippi, 1845)**

***Fissurella adspersa* Philippi, 1845a: 33; *Fissurella* pl. 1, fig. 3. See also 1845b: 144.**

Type locality: unknown.

Type species of *Chlamydoglyphis* Pilsbry, 1890: 198, 200.

Dall (1915: 438) synonymized *L. adspersa* with *L. sowerbii* [as *L. cancellata* (Sowerby)]; also see Sowerby's remarks under *L. suffusa*.

***Lucapina philippiana* (Finlay, 1930)*****Diodora philippiana* Finlay, 1930: 39.**

Replacement name for *Fissurella elongata* Philippi, 1845a: 33-34; *Fissurella* pl. 1, fig. 2 [also 1845b: 144] non M'Coy in Griffith (1844: 43) nec C.B. Adams (1845: 8); see also Clench and Turner (1950: 276; pl. 41, fig. 7).<sup>2</sup> Not a homonym of *Fissurella philippiana* Dunker, 1846: 26.

The relationship between this taxon and *L. adspersa* not certain. It will be addressed in a future *Shell-O-Gram*.

<sup>1</sup> *Fissurella cancellata* Gray 1825: 407 was described as "[=] *Patella graeca* 'Montague [Montagu, 1803].'" Considered not of Linnaeus [1758: 784; sp. 683] by Gray but subsequently placed in its synonymy by Jeffreys (1865: 267) yet considered distinct by Dall (1915: 439) and synonymous with *P. reticulata* Donovan, 1803 non Linnaeus and *P. apertura* Montagu, 1803 non Born 1778. Nineteenth Century authorities consulted rarely interpreted the Linnaean species, and modern authors seldom mention *F. cancellata* Gray, 1825 while generally recognizing *P. graeca* of Linnaeus. This E. Atlantic taxon is now assigned to *Diodora* Gray, 1821, of which it is quite possibly a senior synonym of the monotype, *Patella apertura* Montagu, 1803, a taxon treated as valid by McMillan (1968: 25).

<sup>2</sup> *Fissurella elongata* C.B. Adams, 1845 = *Fissurella minuta* Lamarck, 1822: 15-16, a Caribbean species now assigned to *Diodora* Gray, 1821.

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[gilDkE&hl=en&ei=xHPfTre9KsmCtgfOkpSUDQ&sa=X&oi=book\\_result&ct=result&resnum=1&sqi=2&ved=0CC0Q6AEwAA#v=onepage&q&f=false](http://books.google.com/books?id=IINIAAAAYAAJ&pg=RA1-A126&lpg=RA1-A126&dq=Foraminella+%22Nomenclator+Zoologicus%22+Scudder&source=bl&ots=eZaL2k6Mp5&sig=diiBnpq60PdfUO2NxfFPY&hl=DkE&hl=en&ei=xHPfTre9KsmCtgfOkpSUDQ&sa=X&oi=book_result&ct=result&resnum=1&sqi=2&ved=0CC0Q6AEwAA#v=onepage&q&f=false).

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**CEDAR KEY FIELD TRIP REPORT**

The Cedar Key field trip resulted in only four members showing up to take part in the search for west coast shells on the minus low tide. It was predicted to be the best low tide of the year, however, we were buffeted by winds out of the Gulf, which kept the tides in, and several of us really did not want to have to wade in the cold water to find shells. Present on this excursion was, Harry Lee, Brian Marshall, and Frank & Charlotte Thorpe. The area we did search resulted in more shells than we have seen in many years. Photos following show the abundant marine shells. We did reward ourselves with an excellent dinner for four which included stone crab claws, clams, cole slaw, cheese and crackers, bread and butter, and wine. The following day we went land snailing, which was very productive, and we did not have to get our feet wet.



Harry & Frank watching Brian collect *Urosalpinx perrugata* (Conrad, 1846).



Brian examines shells looking for albinos.

Below is *Busycon perversum sinistrum* Hollister, 1958 in mud dining on an oyster meal.



Photos by Charlotte Thorpe

Below is a photo of sunset in the Cedar Key Marshlands.



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**NORTHERN FLORIDA SHELLERS CONNECTION co-sponsored by two shell clubs:**  
**Back-to-back Shell Shows with shelling excursions planned between the two show dates:**  
**July 13 - 15, 2012** Jim Brunner, 2511 Parkwood Drive .....Tel: (850) 215-2086  
**GULF COAST SHELL SHOW**, Panama City Beach, FL .....E-mail: jili@knology.net  
**July 20 - 22, 2012** Charlotte Thorpe, 1010 N. 24th St. Jax. Bch. FL...Tel: (904) 246-0874  
**JACKSONVILLE SHELL SHOW**, Jacksonville, FL .....E-mail: challoyd@bellsouth.net