

Introduction – At the June 11, 2015 SCAMIT Species List Review Committee, the Committee decided that SCAMIT should codify the method by which species are added to the SCAMIT Species List, and standardize the minimum information required for voucher or identification sheets to be accepted by the Committee. The resulting Guidelines were adopted on July 24, 2015.

Purpose – These guidelines that follow specify the process by which a provisional species may be added to the SCAMIT Species List.

Taxonomic Data – A SCAMIT voucher sheet should minimally contain the following elements:

1. Taxon name including an abbreviated phylogeny (following the strict orthography provided for in the most current SCAMIT Species List)
2. Author and date of origination of the voucher sheet
3. Applicable synonyms (indicate “none” if no synonyms are available)
4. Location(s) for all material examined (Program, Station (including Latitude/Longitude if possible), Date collection, Sample Depth)
5. Diagnostic characters
6. Comparison with morphologically similar taxa outlining differences
7. Images (digital images and/or line drawings at print resolution) that demonstrate diagnostic characters
8. Known geographical distribution (single occurrences acceptable)
9. Literature used

Review – A voucher sheet may take two different, though not mutually exclusive, routes for initial review (below). In each case, the resulting *draft* document should be circulated to all SCAMIT members via electronic media (e.g., General Discussion list server). Barring any mitigating circumstances, members will have 30 days to reply with comments.

1. A provisional voucher sheet can be presented and reviewed at a regular SCAMIT meeting appropriate to the species in question; however,
2. Alternatively, a provisional voucher sheet can be distributed and discussed with known expert(s) in the field.

Publishing – At the end of the review period, the final voucher sheet(s) should be distributed to membership either through publication in a newsletter and/or electronically via the General Discussion list server. Following publication, the voucher sheet will be posted in the taxonomic toolbox on the SCAMIT website.

Deadline – Voucher sheets need to be published according to above guidelines no later than **June 1** to be included that year’s edition of the SCAMIT Species List (published on July 1 of each year).

These requirements go into effect upon their publication at SCAMIT.org on the date indicated therein. The Species Review Committee will be the final arbiter as to which taxa will be included in the Species List. **See Example Voucher Sheet** (page 2).

SCAMIT Voucher Sheet

Species: *Nuculana* sp A

Group: Nuculanidae

Vol. 25, No. 3

Date examined: 11 September 2006

Vouchered by: P. Valentich-Scott & K. Barwick

Material Examined: 3 spm: CSD Sta. B11(2), 14JUL92, 288 FT, SBMNH#80296
1 spm: CSD Sta. B11(1), 14JUL92, 288 FT, SBMNH#80298
1 spm: CSD Sta. B5(2). 14JUL92, 200FT, SBMNH #80297
14 spm: CLAEMD Sta. FB17, SMB, 25JUL05, 115m
1 spm: LACSD Sta. 9B JUL96

Synonyms: *Nuculana elenensis* of authors SCB not (G. B. Sowerby I in Broderip and G. B. Sowerby I, 1833)
Nuculana sp SD1 Barwick, 1992

Description: Shell periostracum silky, with lighter colored streaks radiating from the umbone to the outer margin of the shell (seen in dry specimens); color is light tan to dirty white (Fig. 1-3) Sculpture of slightly rounded commarginal ridges evenly spaced ending abruptly at the posterior-dorsal slope. Posterior produced in sharp point, acute. Shell moderately inflated with narrow escutcheon. Lunule shallow, narrow (Fig. 3). Length to 6 mm.

Related Species: *Nuculana elenensis*, unlike *N. sp A*, has a pointed strongly recurved posterior. *N. taphria* (Dall, 1896), when compared to *N. sp A*, has a more rounded, produced posterior. The commarginal sculpture of heavy ribs becomes obsolete along the posterior-dorsal slope. *N. penderi* (Dall & Bartsch, 1910) has a shorter, less acute posterior, slightly recurved in larger specimens. The shell of *N. penderi* is typically plumper and can reach a much larger size than *N. sp A*. *N. eburnean* (G. B. Sowerby, 1833), a panamic species, possesses an acute pointed posterior but has fine dense commarginal sculpturing.

Distribution: Point Loma to Santa Monica Bay, California. Depth for CSD records: 60 – 200 m.

Comments: Historically this species has been identified as *N. elenensis* by workers in the SCB. Based, in part, on these records Coan, et al (2000) reported the distribution for *N. elenensis* to occur as far north as Santa Monica Bay. Subsequently Coan and Valentich-Scott (in preparation) now believe it to be restricted to the Panamic Province. A comparison of the SCB material with the images of the syntypes from the BMNH bears this out. All southern California records for *N. elenensis* are in doubt.

Literature: Coan, Eugene V., Paul Valentich-Scott and Frank R. Bernard. 2000. Bivalve Seashells of Western North America: Marine Bivalve Mollusks from Arctic Alaska to Baja California. Santa Barbara Museum of Natural History, Santa Barbara, California. 764 pp.

SCAMIT Voucher Sheet

Species: *Nuculana* sp A
Group: Nuculanidae

Vol. 25, No. 3



Fig. 1 – CLAMED: FB17/SMB, 115m, 25JUL05 (Length ranges from 5.5 mm to 2.5 mm.) Dry mount



Fig. 2 – LACSD: 9B 7/1996 (length = 4.9 mm) Dry mount



Fig. 3 – CSD: B11(2), 14JUL92, 288 FT, SBMNH#80296 (Length ranges from 5.2 mm to 2.6 mm.) Dry mount