



# City and County of San Francisco Voucher Sheet

Species: *Rictaxis punctocaelatus*

Voucher #: MG450

Authority: (Carpenter, 1864)

Taxa: Gastropoda: Acteonidae

Common Synonyms: *Acteon punctocaelatus* (Carpenter, 1864); *Tornatella punctocaelata* Carpenter, 1864

Original Prep.Date: 17 Jul 2004

Prepared By: S. McCormick

Species Code: RIC\_PUNCTOCAELA

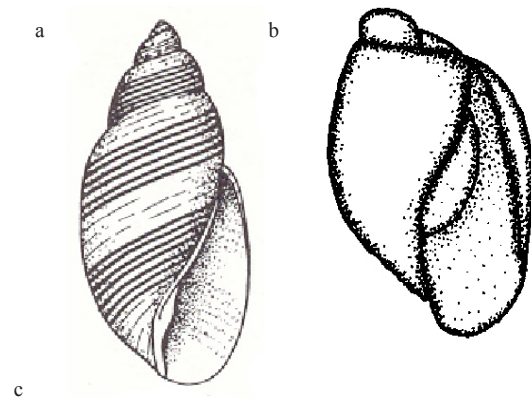
## Voucher Information

SAMPLE NUMBER	STATION	SAMPLE DATE	NUMBER OF SPECIMENS	COMMENTS/NOTES
BSSWE165	SWBSO405	13 May, 1991	?	1.0 mm sieve; ID by Brian Sak

### Characters:

- Translucent white with alternating black bands (a and c); juvenile with uniformly white shell (b)
- Spire moderately elevated, about one third shell length (a); whorls convex, with deeply incised suture (a and c)
- Body whorl with numerous rows of fine punctations (a and c)
- Aperature wide, elongate, pointed above, rounded below (a and c)
- Columella strongly twisted
- Nuclear whorl, smooth, rounded, tilted (b)
- Radula well developed

### Illustrations:



a from Smith and Carlton (1975)  
 b from Gosliner (1996)  
 c from Rehder (1981)

### Additional Information:

SIZE: 10-16 mm

DISTRIBUTION: Ketchikan, Alaska to Magdalena Bay, Baja California

HABITAT: Low tide to 100 m; mud and sand flats; usually in protected areas, rarely along open coast

### Similar Species:

Prominent black and white bands are distinctive and separate this species from other members of the family.

### Comments:

Feeds on polychaetes. Radular teeth described in Gosliner (1996).

***Rictaxis punctocaelatus*** (continued)

**References:**

Gosliner, T. M. 1996. Family Acteonidae pp.168-172, in Blake, J. A., *et al.*, Eds., Taxonomic Atlas of the Benthic Fauna of the Santa Maria Basin and Western Santa Barbara Channel. Vol. 9 - The Gastropoda part 2. Sta. Barbara Mus. Nat. Hist., Santa Barbara, California. 228 pp.

Morris R. H., D. P. Abbott, and E. C. Haderlie. 1980. Intertidal Invertebrates of California. Stanford University Press, Stanford, CA. 690 pp.

Rehder, H. A. 1981. The Audubon Society Field Guide to North American Seashells. Alfred A. Knopf, New York  
894 pp.

Smith, R. I. and J. T. Carlton (eds.). 1975. Light's Manual: Intertidal Invertebrates of the Central California Coast, Third Edition. University of California Press, Berkeley, CA. 716 pp.

**Revision History:**