

NOTES, INFORMATION & NEWS

New Records of Two Rare Aeolid Nudibranchs from the Coast of California

by

Terrence M. Gosliner

Department of Invertebrate Zoology and Geology,
California Academy of Sciences,
Golden Gate Park,
San Francisco, California 94118, USA

Babakina festiva (Roller, 1972)

In its original description *Babakina festiva* was found from the coasts of California and Japan. ROLLER (1972) recorded seven specimens from the coast of California from Malibu Reef, Los Angeles County to La Jolla, San Diego County. He also recorded eight specimens from the west coast of Honshu, Japan. McDONALD (1983) recorded an additional specimen from Mantanchen, Nayarit, México, collected by Constance Boone.

On 14 June 1987, I collected a single 32-mm specimen of *Babakina festiva* from a tide pool at the Fitzgerald Marine Reserve, Moss Beach, San Mateo County. This specimen is deposited in the California Academy of Sciences as CASIZ 067110. On 14 June 1988, Marin County Parks Naturalist Bob Stewart observed a specimen of this species in the mid-intertidal zone at Duxbury Reef, Bolinas, Marin County. These collections represent the northernmost localities known for this species and the latter collection represents a range extension of approximately 480 km.

Babakina caprinsulensis Miller, 1974, was described from a single specimen collected from the North Island of New Zealand. This species differs from *B. festiva* in only a few minor regards, such as the elaboration of its rhinophores. These differences need to be verified with additional New Zealand material. It is highly likely that these two species are in fact conspecific.

Rioselleolis anadoni Ortea, 1979, was described from a single specimen from Asturias, Spain. Only its external morphology was described. Nevertheless, its known morphology is strikingly similar to *Babakina festiva*. Additional material from Spain must be collected for comparative purposes, but *R. anadoni* is likely to be a junior synonym of *B. festiva*.

Emarcusia morroensis Roller, 1972

Emarcusia morroensis was described from 32 specimens largely collected from Morro Bay, San Luis Obispo, California. The known range was from Elkhorn Slough, Monterey County, to Mission Bay, San Diego County. On 2 November 1989, I collected five specimens of this species from colonies of *Obelia* sp. attached to floating docks at the Presidio Yacht Club, Fort Baker, Marin County. The living animals were 3-15 mm in length and produced tightly coiled egg masses on the hydroid colonies. Each egg is contained in an individual capsule. These specimens are deposited in the California Academy of Sciences collections where they bear the number CASIZ 067111. These specimens represent the first record of this species since its original description.

Literature Cited

- MILLER, M. C. 1974. Aeolid nudibranchs (Gastropoda: Opisthobranchia) of the family Glaucidae from New Zealand waters. Zool. Jour. Linn. Soc. 54:31-61.
- MCDONALD, G. 1983. A review of the nudibranchs of the California coast. Malacologia 24(1-2):114-276.
- ORTEA, J. A. 1979. Nota preliminar sobre *Rioselleolis anadoni* n. gen., n. sp., un nuevo eolidáceo (Mollusca: Opisthobranchia) capturado en Ribadesella, Asturias, España. Sup. Cien. Bol. I.D.E.A. 24:131-141.
- ROLLER, R. A. 1972. Three new species of eolid nudibranchs from the west coast of North America. Veliger 14(4):416-423.



Gosliner, Terrence M. 1990. "NEW RECORDS OF 2 RARE AEOLID NUDIBRANCHS FROM THE COAST OF CALIFORNIA." *The veliger* 33, 321–321.

View This Item Online: <https://www.biodiversitylibrary.org/item/134373>

Permalink: <https://www.biodiversitylibrary.org/partpdf/94239>

Holding Institution

Smithsonian Libraries and Archives

Sponsored by

Biodiversity Heritage Library

Copyright & Reuse

Copyright Status: In Copyright. Digitized with the permission of the rights holder.

Rights Holder: California Malacozoological Society

License: <http://creativecommons.org/licenses/by-nc-sa/3.0/>

Rights: <https://www.biodiversitylibrary.org/permissions/>

This document was created from content at the **Biodiversity Heritage Library**, the world's largest open access digital library for biodiversity literature and archives. Visit BHL at <https://www.biodiversitylibrary.org>.