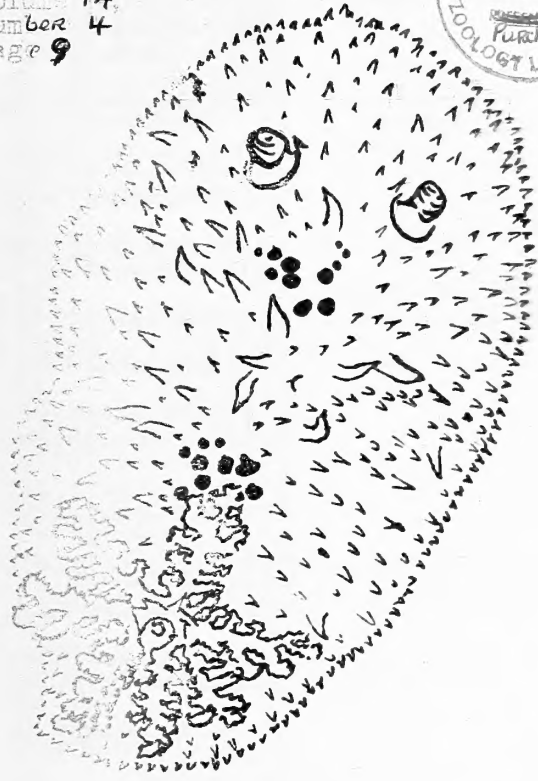




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*Aldisa sanguinea*, Cooper, 1862  
Drawing by Wesley M. Farmer

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The **Opisthobranch Newsletter** is published by Steven J. Long, 359 Roycroft Ave, Long Beach, California 90814, USA. Telephone 213-433-7148 (message recorder) or 439-2028. Subscription rates are \$15.00 per calendar year for individuals and \$17.50 per calendar year for institutions. The **Opisthobranch Newsletter** is issued in parts at irregular intervals as material becomes available.

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09157-12-4-19  
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09426-12-(4-12)-32  
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09463-12-(4-12)-33  
09464-12-(4-12)-34  
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09482-12-(4-12)-34  
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09533-7-9-45  
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09542-7-11-51  
09543-7-11-52  
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09548-7-11-52  
09549  
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09639  
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09648-8-1-4  
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09665-8-2-10  
09666-8-2-11  
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09685-8-(3-4)-16  
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09689-8-(5-6)-18  
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09691-8-(7-8)-23  
to  
09705-8-(7-8)-23  
09706-8-(7-8)-24  
09707-8-12-40  
to  
09717-8-12-40

09718-9-1-2  
to  
09730-9-1-2  
09731-9-2-5  
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09732-9-2-5  
09733-9-2-5A  
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09744-9-2-5A  
09745-9-2-6  
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09785-9-2-7  
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09936-11-(7-9)-46  
09937  
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09950-11-(7-9)-46  
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09959-11-(10-12)-48  
09960-12-1-2  
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09971-12-3-8  
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09980-12-3-8  
09981-13-2-7  
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10003-13-7--26  
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10028-13-7-26  
10029-13-7-26  
to  
10035-13-7-26  
10036-13-7-27  
to  
10041-13-7-27  
10042-14-4-?  
10043-13-7-27  
10044-13-8-41  
to  
10050-13-8-41  
10051-13-8-42  
to  
10068-13-8-42  
10069-14-4-?  
to  
10072-14-4-?

End

PERSONAL NOTES

From Bob Henderson: "I would assume that you've spoken to Dave Behrens recently so that any information I have will probably be old hat. In case it isn't, the big recent news is two trawled specimens of *Platydoris macfarlandi*, apparently the first seen since around 1951. We got photos of the living animals as well as the actual sponge substrate they were living on. Dave and I are putting the final touches on a redescription complete with photos."

Dave Mulliner and friends have been doing some collecting off the islands near San Diego and collecting some interesting animals. I hope a paper will be forthcoming in the near future.

From Eveline Marcus: "I am almost through [January 1982] with the Pleurobranchaeidae, some 30 species, of which about 10 are unrecognizable. But I have the reproductive organs of 14 or 15. The rest are synonyms. Now comes the tedious finishing the MS, the figures are nearly all ready. So I don't have more to tell, this has taken all my time and thoughts."

About May 21st, Jim Lance, Connie Boone and some other folks will be travelling to L.A. Bay, Mexico, for about 8 days collecting.

Between 23 April and 30 April, 1982, Steve Long and Roberta Reinhard will be travelling to Sanibel Island, Florida for a business meeting (Steve won a sales contest). They hope to see Kerry Clark

and Kathe Jensen while there. Kathe is to be in Florida around that time. If anyone else will be around, please contact Kerry Clark or Steve Long to see if we can get together.

### EDITOR'S NOTE

I am looking for a way to keep the content of the *Opisthobranch Newsletter* similar to past years in terms of open communications and personal notes. I hope that everyone will read Dr. Edmunds' comments and seriously consider the course the ON should take. As a pure information resource, I feel the ON has provided a most valuable service and it can continue to do so in the future. I would like to provide the publication forum as well but that will depend on the majority of you and what you feel is proper. I definitely do not want to lose the open comments on all aspects of opisthobranchs.

### INFORMATION WANTED

From Bob Henderson (Pacific Bio-Marine Labs, Inc., P.O. Box 536, Venice, CA 90291): "I'm interested in finding out whether anyone else has run across incidences of color attenuation or loss as a function of increasing depth. I've collected a few specimens of deep water *Archidoris* which seem to point to this trend but not anywhere near enough to make any claims. I'd be interested in any input on *Archidoris* or other dorid species."

### CHANGE OF ADDRESS/NEW SUBSCRIBERS

Here is the rest of the list of people I would like to have current addresses verified:

Gloria Snively  
Dr. Gamil N. Soliman  
M. Sordi  
Sam Spaulding  
Mr. Gale Sphon  
Mike Spieth  
Joan Steinberg  
Cathy Lamar Stephens  
Linda L. Stephens  
Hugh M. Stirts  
V. Storch  
E.R. Strong  
M. Switzer-Dunlap  
Iwao Taki  
Dennis L. Taylor  
Dr. Dwight Taylor  
Ronald F. Thomas  
Dr. Thomas E. Thompson  
Christopher D. Todd  
Robert Trelease  
Richard K. Trench  
Ruth D. Turner  
V. Urganji  
Nardo Vicente  
Howard Wachtel  
Edgar T. Walters  
S. Weaver  
U. Welch  
Gary Williams  
Wilkie A. Wilson  
Heinz G. Wolff  
Terufumi Yamasu  
John Lee Yarnall  
Dr. David K. Young  
Sheldon Zack  
Dr. Bernhard Zoder

Ronald Rutowski  
Department of Zoology  
Arizona State University  
Tempe, AZ 85281

Roger D. Longley  
Alison J. Longley  
Friday Harbor Laboratories  
Friday Harbor, WA 98250

Scott Johnson  
Mid Pacific Research Laboratory  
P.O. Box 1768  
APO San Francisco, CA 96555

If you know of anyone with a continuing association or interest in opisthobranchs, please send me their current address and phone numbers where available. Please include their current status and interest if known (eg -- Student, Professor, no interest, amateur)

### CURRENT EVENTS

Bay Area Malacologists, Saturday, March 6, 1982, 10am to 4pm. First floor, Shell Building #8 (Room 8111), U.S. Geological Survey, 275 Middlefield Road, Menlo Park, California. Write or call for info: Gene Coan, 891 San Jude Ave., Palo Alto, CA 94306, (415) 493-8242 (evenings). Sorry that I did not get this information out earlier.

The American Malacological Union annual meetings will be held in New Orleans, Louisiana, in 1982; in Seattle, Washington, in 1983, and probably in Norfolk, Virginia, in 1984. For information on membership contact Dr. Robert Robertson, Department of Malacology, Academy of Natural Sciences of Philadelphia, 19th and the Parkway, Philadelphia, PA 19103.

Western Society of Malacologists annual meeting, University of Redlands, Redlands, California, June 20-23, 1982. For information contact: Ms. Kit Stewart, 19 La Rancheria, Carmel Valley, CA 93921. The call for papers is out now. Contact Dave Mulliner.

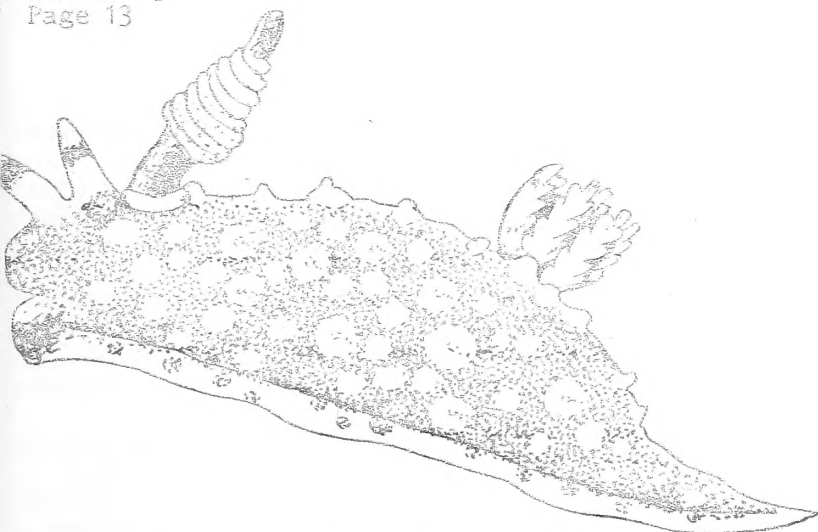
### BIBLIOGRAPHY OF OPISTHOBRANCHIA

10069 Bavendam, Fred, 1980. *Beneath Cold Waters: The Marine Life of New England*. Down East Books, Camden, Maine, 127p. [A gorgeous book, cover to cover superb underwater color photography. All invertebrate phyla and fish covered. You've got to see it to believe it. 8x10 color photos of *Aeolidia papillosa*, *Coryphella verrucosa* and *Onchidoris bilamellata*. Smaller photos of *Cadlina laevis* & *Polycera dubia*.]

10070 Kuppermann, I. & T.C. Carew, 1974. Behavior patterns of *Aplysia californica* in its natural environment. *Behav. Biol.*, 12:317-337.

10071 Meinkoth, Norman A., 1982. *Field Guide to North American Seashore Creatures*. The Audubon Society. Chanticleer Press, New York, 798p., 690 color photos. [31 opisthobranch species covered from two coasts of the US. 31 color photos of branches. The book is very hard to use because the species are grouped by shape, a format the Audubon series has always used. In this case the nudibranch section includes flatworms and the cucumber *Parastichopus*. One sea hare is even included with the anemones. Photographs are beautiful: familiar branches providing photos include Hans Bertsch, Dan Gotshall & Dave Behrens]

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*Polycera odhneri* Marcus, 1955  
Drawing by Eveline Marcus

\* \* \* \* \*

The *Opisthobranch Newsletter* is published by Steven J. Long, 359 Roycroft Ave, Long Beach, California 90814, USA. Telephone 213-433-7148 (message recorder) or 439-2028. Subscription rates are \$15.00 per calendar year for individuals and \$17.50 per calendar year for institutions. The *Opisthobranch Newsletter* is issued in parts at irregular intervals as material becomes available.

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#### PAPER

A NEW COLOR CHARACTERISTIC FOR *ROSTANGA PULCHRA*, MACFARLAND 1905.  
Michael W. Haberland

*Rostanga pulchra*, MacFarland 1905, is a common cryptobranch dorid nudibranch of the eastern Pacific ranging from Vancouver Island, British Columbia, to the Gulf of California, Mexico, and is additionally reported from Isla Chiloe, Chile (Marcus, 1959).

Morphological and color descriptions are reported by Marcus, 1959; MacFarland, 1956; McDonald, 1977; Behrens, 1980; Morris et al, 1980; McDonald and Nybakken, 1981. The body of *Rostanga pulchra* is elliptical with both anterior and posterior ends rounded. Small hispid papillae with glandular tips (caryophyllidia) cover the dorsum and are strengthened by surrounding spicules. The rhinophores of this species are unique (see Behrens, 1980, Figure 2j) with a cylindrical extension set above 20-24 nearly vertical lamellae. The general body color of *Rostanga pulchra* has been reported to vary from shades of salmon, orange and bright red.

On 15 August 1981, one 6mm specimen of *Rostanga pulchra* was collected in Morro Bay, California, which did not match the above color description. The specimen was collected on a sand substrate at a depth of 6m directly under the Coast Guard pier. The body was almost colorless; the only distinguishing coloration being a spot of white pigmentation on the back of the rhinophores (Figure 1). All other morphological features agreed with those of a typical *R. pulchra*.



Figure 1. Rhinophore of colorless *Rostanga pulchra* collected in Morro Bay, California. Arrow points to patch of opaque white pigmentation.

Due to this departure from more typically colored specimens, James Lance, Scripps Institute of Oceanography, was contacted because of his experience with this species and his opinion concerning the possibility of this specimen being either an exotic or an introduced species. Lance recommended that I examine the marginal rows of papillae for the presence of white coloration similar to that observed on the rhinophores. This coloration was observed.

Specimens of *Rostanga pulchra* from the northeastern Pacific, regardless of their overall ground color, appear to share a common trait -- the marginal papillae bear opaque white tips in contrast to those covering the notum in general. This may be used as a distinguishing feature. Additionally, some specimens bear an opaque white spot about midway up the exposed rhinophoral club.

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- 09970 McDonald, Gary R., 1977. A Review of the Nudibranchs of the California Coast. Masters Thesis, California State Univ., Hayward. 373p.
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- 09990 Morris, Robert H., Ronald P. Abbott and Eugene C. Haderlie, 1980. Intertidal Invertebrates of California. Stanford Univ. Press. 690p.

