



- 9903 KESSLER, CATHERINE G. & HENRY D. RUSSELL, 30 October 1978. Leopold and Rudolph Blaschka's Nudibranch Glass Models. THE NAUTILUS, 92(4):167-172, fig. 1.
- 9904 LaFOLLETTE, PATRICK I., 9 January 1979. Observations on the Larval Development and Behavior of *Chrysallida cincta* Carpenter, 1864 (Gastropoda: Pyramidellidae). THE WESTERN SOCIETY OF MALACOLOGISTS, Annual Report, 11:31-34.
- 9905 MEYER, K.B., April 1977. Dorid Nudibranchs of the Caribbean Coast of The Panama Canal Zone. BULLETIN OF MARINE SCIENCE, 27(2):299-307, illus.
- 9906 MUMAW, LAURA M., March 1978. Effects of Oil on Nudibranch Development. ANNUAL REPORT OF THE COLLEGE OF FISHERIES, University of Washington, Seattle, WA 98195, 1977 Research in Fisheries, Contribution No. 480, pp. 74-75. [*Onchidoris bilamellata*]
- 9907 ORTEA, J.A., 1978. Cinco Opisthobranquios nuevos para la fauna iberica (Gastropoda: Opisthobranchia) colectados en Asturias. SUP. CIEN. BOL. IDEA, (23):107-120, figs. A-E. [Spanish; English summary; *Odostomia minima*, *Aldisa banyulensis*, *Janolus hyalinus*, & others]
- 9908 PURVIS, IAN, Summer 1978. Marine Mollusca from the Egmont Islands. OF SEA AND SHORE, 9(2):81-83, tbls. i-vi, 1-4, fig. 1. [Pyramidellids & Bullids listed]
- 9909 RICE, TOM, Summer, 1978. Our O.S. &S. Tour. OF SEA AND SHORE, 9(2): 77-80, 12 photos, 1 map. [*Smaragdia viridis*]
- 9910 RIVEST, BRIAN R., February 1978. Development of the Eolid Nudibranch *Cuthona nana* (Alder and Hancock, 1842), and Its Relationship with a Hydroid and a Hermit Crab. THE BIOLOGICAL BULLETIN, 154(1):157-?
- 9911 ROBERTSON, ROBERT, 1978 (October). Spermatophores of Six Eastern North American Pyramidellid Gastropods and Their Systematic Significance (with the New Genus *Boonea*). BIOLOGICAL BULLETIN, 155(2): 360-382, figs. 1-77.
- 9912 ROGINSKAYA, I.S., 1978. On the Reproduction of *Acteonia cocksii* (Alder & Hancock) (Opisthobranchia: Sacoglossa) in the Intertidal Zone of the Kanin-Nos Peninsula. Fifth Meeting on Molluscs, MALACOLOGICAL REVIEW, 11:117-118. [English abstract of the Original Russian paper]
- 9913 ROS, JOANDOMENEC, 1978. La alimentacion y el sustrato en los opisthobranquios ibericos. [Food and Substrate in Iberian Opisthobranchs.] OECOLOGIA AQUATICA, 3:153-166, tbls. 1-4. [Spanish; English summary]
- 9914 SCHMEKEL, LUISE, 1 January 1979. First Record of *Okenia impexa* Marcus, 1957 from the Western Atlantic in the Mediterranean. THE VELIGER, 21(3):355-360, figs. 1-5.
- 9915 SHERBANY, ARIEL A., RICHARD T. AMBRON & JAMES H. SCHWARTZ, 5 January 1979. Membrane Glycolipids: Regional Synthesis and Axonal Transport in a Single Identified Neuron of *Aplysia californica*. SCIENCE, 203 (4375):78-81, 2 text figs.
- 9916 SHONMAN, DAVID & JAMES W. NYBAKKEN, 1 July 1978. Food Preferences, Food Availability and Food Resources Partitioning in Two Sympatric Species of Cephalaspidean Opisthobranchs. THE VELIGER, 21(1):120-126, tbls. 1-4, 1 text fig.
- 9917 SHYAMASUNDARI, K. & M. NAJBUDDIN, 1976. Experimental Investigations of Salinity and Temperature Effects on Early Developmental Stages in *Dendrodoris (Doriopsilla) miniata* (Alder & Hancock) (Gastropoda Opisthobranchia). MONIT. ZOOL. ITAL., 10(2):93-94.
- 9918 SPHON, GALE G., 1 October 1978. Additional Notes on *Spurilla alba* (Risbec, 1928). (Mollusca: Opisthobranchia). THE VELIGER, 21(1):305.
- 9919 STRENGTH, NED E. & JAMES E. BLANKENSHIP, 1 July 1978. Laboratory Culture, Metamorphosis and Development of *Aplysia brasiliiana* Rang, 1828 (Gastropoda: Opisthobranchia). THE VELIGER, 21(1):99-103, fig. 1.

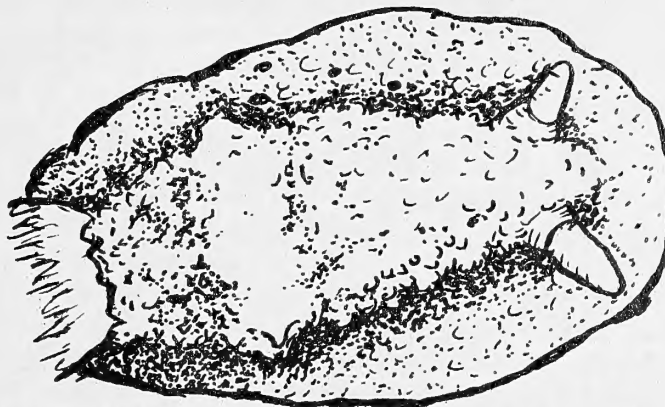


Illustration at right:

*Dendrodoris coronata*

Kay & Young 1969.

Drawing by P.J. Hoff

- 9920 STRENGTH, NED E. & JAMES E. BLANKENSHIP, April 1978. On the Valid Name of the Common Texas and Florida Species of *Aplysia* (Gastropoda, Opisthobranchia). BULLETIN OF MARINE SCIENCE, 28(2):249-254.
- 9921 SWITZER-DUNLAP, MARILYN & MICHAEL G. HADFIELD, 1977. Observations on Development, larval Growth and Metamorphosis of Four Species of Aplysiidae (Gastropoda, Opisthobranchia) in Laboratory Culture. JOURN. EXP. BIOL. ECOL., 29(4):245-261, 4 text figs.
- 9922 TARDY, JEAN, September 1973. La morphogenèse comparée du système nerveux des Mollusques Nudibranches. HALIOTIS, 4(1-2):61-76.
- 9923 TARDY, J., 1976. Contribution à la connaissance de la biologie des nudibranches: développement et métamorphose; vie prédatrice: II. Les premiers stades benthiques d'*Aeolidia papillosa* (Linné) (Mollusque nudibranche). HALIOTIS, 6:255-260.
- 9924 TRAYNOR, M. ELAINE, PAUL B.J. WOODSON, WERNER T. SCHLAPFER & SAMUEL H. BARONDES, 1976. Sustained Tolerance to a Specific Effect of Ethanol on Posttetanic Potentiation in *Aplysia*. SCIENCE, 193 (4252):510-511.
- 9925 WICKSTEN, MARY K., 1 July 1978. Checklist of Marine Mollusks at Coyote Point Park, San Francisco Bay, California. THE VELIGER, 21 (1):127-130, tbls. 1-2, fig. 1. [*Aplysia californica*, *Odostomia* sp.]
- 9926 WILLAN, RICHARD C., April 1977. A Review of *Pleurobranchella* Thiele, 1925 (Opisthobranchia: Pleurobranchaeinae). THE JOURNAL OF CONCH- OLOGY, 29(3):151-156?
- 9927 WILSON, WILKIE A. & HOWARD WACHTEL, 17 November 1978. Prolonged Inhibition in burst Firing Neurons: Synaptic Inactivation of the Slow Regenerative Inward Current. SCIENCE, 202(4369):772, 2 text figs. [*Aplysia californica*]
- 9928 BURN, ROBERT, 1 January 1978. Publication Dates of Bergh's 1879 Papers Describing American Chromodorids. THE VELIGER, 20(3):298-299.
- 9929 BURN, ROBERT, 1 July 1978. Records of *Philinopsis lineolata* (H. & A. Adams, 1854) (Opisthobranchia: Aglajidae) from South-Eastern Australia. JOURNAL OF THE MALACOLOGICAL SOCIETY OF AUSTRALIA, 4(1-2):6.
- 9930 BURN, ROBERT, 1 July 1978. A New Record of *Thecacera pennigera* (Montagu, 1815) (Opisthobranchia: Polyceridae) from New South Wales. THE JOURNAL OF THE MALACOLOGICAL SOCIETY OF AUSTRALIA, 4(1-2):22.
- 9931 BURN, ROBERT, 1 July 1978. *Marianina rosea* (Pruvot-Fol, 1930) (Opis- thobranchia: Dendronotacea): Further Records from Australia. THE JOURNAL OF THE MALACOLOGICAL SOCIETY OF AUSTRALIA, 4(1-2):28.
- 9932 BURN, ROBERT, 1 July 1978. A Review of Australian Species of *Austrocylichna*, *Nipponatys*, *Cylichnatys* and *Diniatys* (Mollusca: Gastropoda: Haminoeidae). THE JOURNAL OF THE MALACOLOGICAL SOCIETY OF AUSTRALIA, 4(1-2):93-112, figs. 1-25.

Thanks to Jim Lance, Dr. I.S. Roginskaya, Virginia Waters, Jim Carlton, Clay Carlson, Dr. Eveline Marcus, Hans Bertsch, Dave Behrens, Dr. Ros, J. Ortea, Dr. Robert Robertson, Dr. George Davis, Ruth Rosin, Dr. O. Paget, Tom Rice, Dr. K. Baba, Mr. Hamatani, and others for informa- tion and reprints.

Thanks to Tom Rice for the following list of opisthobranch stamps:  
 Afars & Issas (now called Republic of Djibouti): #465, *Glossodoris* sp. (1977), 70 fr.  
 Haiti: #669, *Micromelo undata* (1973) 5¢; #671, *Cyerce cristallina* (1973) 25¢  
 Lundy: *Caloria maculata* (1978) 10p.  
 Mauririus: *Hexabranchnus marginatus* (1969) #349, 40¢  
 New Caledonia: #309, *Glaucus marinus* (1959) 10fr.; #C37, *Calliphylla orientalis* (1969) 37fr.; #C112, *Hydatina physis* (1974) 32fr.  
 Paupua New Guinea: 4 1978 issues showing *Roboastra arika*, *Chromodoris fidelis*, *Flavellina macassarana* and *Chromodoris trimarginata* in values of 10, 15, 35 and 40t respectively.  
 Singapore: #267, *Amplustrum amplustre* (1977) 20¢.

Eveline Marcus writes that she is expecting the Rehders from the Smithsonian to visit in Brazil and later, other visitors. Her summer trip for this year will again leave out California.

Speaking of trips: We live about 30 minutes from the San Francisco International Airport and would love to hear from any of you who are travelling through. Please let us know even if it is only a short stop between planes. I won't be able to do any foreign travelling for quite a while so please don't miss the opportunity to say hello if you get to California.

I still have microfiche available for many, many opisthobranch and general molluscan works. Most of the fiche are 24x reduction and contain 98 pages when full. Most are also negative appearing and have a black background with clear characters for optimum viewing and printing. Paper copies of any paper I have are available for \$.35 per page as I have to pay that much to have them done commercially. I hope to lower this cost but that will have to wait until the volume of requests justifies the purchase of a good reader/printer. I will also have to spend about \$2,000.00 more to get the text editing set-up computerized. Quite a few original papers and books are available. If you desire prices on any of these items you need only to send a request with the ON citation numbers.

Dr. Ruth Rosin has moved. Her new address is: 126 W. 83rd. Street, New York, NY 10024.

Chris Kitting is now Dr. Christopher Kitting since he has received his Ph.D. from Hopkins (Stanford). Chris is working as a research associate until March and will then probably go to U.C. Santa Barbara as a research associate. Congratulations Dr. Kitting!

The 1979 meeting of the Western Society of Malacologists will be held in conjunction with the American Malacological Union and the Coastal Bend Shell Club, from August 5-11 at Corpus Christi, Texas. The call for papers should go out around April 1, 1979. If you are planning to attend and present a paper, please let me know. I would like to see a coordinate group of opisthobranch papers if possible.

James T. Carlton has moved. His new address is: Department of Biology, Woods Hole Oceanographic Institution, Woods Hole, Massachusetts 02543.

The Bay Area Malacologists meeting, held January 27, 1979, was well worth attending. Approximately 40 people attended and discussed a variety of subjects. Dr. James Nybakken talked about two opisthobranch publications which should be out this year. One will be published by R. Tucker Abbott and one by the California Academy of Sciences. If any of the often-heralded "Color California Opisthobranchs" books is actually published and distributed, it will be cause for shouting!

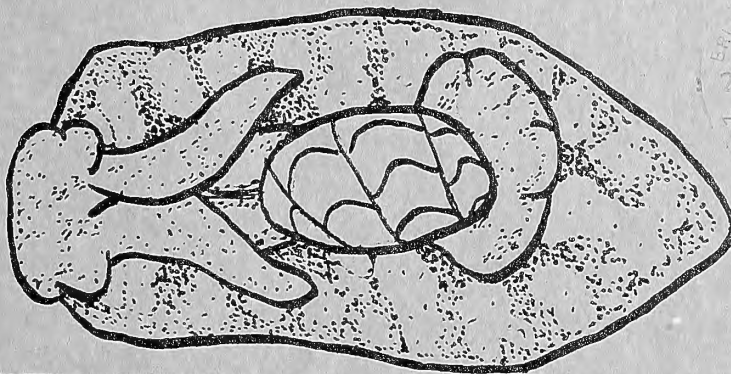
Ian Loch and Bill Rudman are still at the Australian Museum. Bill is spending time getting to know the local fauna.

MARCH, 1979.

VOLUME XI, NUMBER 3,

PAGE 5.

Illustration at right:  
*Micromelo guamensis*  
 (Quoy & Gaimard, 1824)  
 Illustration by  
 P.J. Hoff.



From Kerry B. Clark: "In clarification of an earlier note [ON XI(2): 3-4] on tank culture, we discovered that we actually had two species of *Oxynoe* living in our culture systems. *O. antillarum* has type 1 development and large egg masses, while the second species has very extended intracap-sular development and small inconspicuous egg masses. Kathe Jensen is preparing a description of the new species. This explains why *Oxynoe* appeared to be developing in our tanks, as the new species can be cultured very easily (as long as we can supply *Caulerpa*).

We are continuing our identification of diets of Florida Ascoglossa, which should help clarify feeding trends within the order, and also help workers locate specimens. Almost invariably, if the food can be located, the animal can be collected the holding the alga in aquariums for several days, after which the juveniles grow to visible size. The adults can also be collected by snorkeling, grabbing handfuls of algae and shaking vigorously underwater. These techniques are necessary to collect sufficient numbers for lab work, because tropical populations have very low densities relative to those of temperate climates. Nearly every siphonalean alga in Florida supports one or more species of ascoglossan, though often seasonally. We have collected nearly all reported species of Florida Ascoglossa in this way, with some apparently new species and several interesting range extensions, including *Costasiella liliana*, *Mourgona germaineae*, and *Caliphylla mediterranea*. Many species appear to be quite habitat-specific, and we have collected these from only a few localities in Florida despite relatively widespread occurrence of the algal food. Perhaps some of these anomalies are due to currents, but we often find that a distance of a hundred meters may make a tremendous difference in density of a population, even though conditions appear quite similar.

I have three papers in press - one in Baruch symposium volume, and two in the December JOURNAL OF MOLLUSCAN STUDIES. Two are on plastid symbiosis and one on developmental patterns."

From James T. Carlton: "Greetings!, and congratulations on seeing the Opisthobranch Newsletter through its first ten years! I still remember the day when the first issue (and covering sheet) arrived on our desks at the California Academy of Sciences. Of all the other newsletters -- for barnacles, amphipods, polychaetes, echinoderms, *Corbicula*, and many others -- the ON is surely one of the, if not the, oldest and most continuous of them all.

Let me comment on my old friend Dave Behrens' comments on the matter of nomenclatural changes. There are of course two general types of such changes: 'legal' changes necessitated by ICZN rules (matters of priority, homonymy, etc.), and somewhat more 'subjective' changes, based on the opinions of one worker or another as to the generic placement of a species, as to the synonymy of two or more species, etc. It is the latter that most often give the most trouble: Worker A thinks species X and Y are the same, but Worker B thinks species X and Y are not only quite distinct but should perhaps be in different genera, leaving Worker C not knowing which name or names to use. Only time and further data can resolve such

