

Opisthobranch Newsletter

Volume 22, Number 2, page 3

February, 1996

Subscription: c/o Steven J. Long; 12537 9th NW, Seattle, WA 98177; 206-364-9424; 206-364-2153 FAX; e-mail <miranda@oz.net>; messages in US @ 1-800-793-6188. Individual back issues are available for \$2.50 each. Individual subscriptions \$15.00 per volume. Institutional subscriptions are \$30.00 US per year.

Current Events

The 1996 gathering of Bay Area Malacologists (BAM) will meet on Saturday, March 9, from 9 am to 4 pm at the Oceanside Laboratory of the Bureau of Water Pollution Control in San Francisco. Michael G. Kellogg, who works at the Oceanside Laboratory, has generously volunteered the use of a meeting room for the day. The Oceanside Laboratory is located at the 3500 Great Highway on the western edge of San Francisco. Send responses to: Matt James, Department of Geology, Sonoma State University, Rohnert Park, CA94928, <matt.james@sonoma.edu>, 707-664-3012 Fax; 707-664-2301 voice. Mike Kellogg 415-242-2218.

The Western Society of Malacologists, Santa Barbara Malacological Society, San Diego Shell Club and Northern California Malacozoological Club offer a Student Research Grant in Malacology. Contact <<http://www.rain.org/~inverts/wsm/wsmgrant.htm>> or write: Malacology Grant, Department of Invertebrate Zoology, Santa Barbara Museum of Natural History, 2559 Puesta del Sol Road, Santa Barbara, CA 93105 USA (US residents send SASE).

The Western Society of Naturalists meetings were held about two weeks ago on the other side of Puget Sound from me. Unfortunately, I didn't have enough advance notice to get to them. If anyone has information on opisthobranch happenings, please let me know.

Geological Society of America is having annual meetings for 3 sections during March. Contact the Geological Society of America, P.O. Box 9140, Boulder, CO 80301, 303-447-2020.

The Western Society of Malacologists' 29th Annual Meeting, 23-27 June, 1996, in San Diego, California. Contact Hans Bertsch, 192 Imperial Beach Blvd. #A, Imperial Beach, CA91932, 619-423-8900, 619-563-7194 Fax. On the Internet you can contact Hugh Bradner <hbradner@ucsd.edu>.

Information Exchange

From David Behrens, 510-866-5745, <dwb1@pge.com>: I am trying to correspond with my dear friend Dr. Kikutaro Baba in Japan. Does anyone know of his well being and possibly an e-mail address I can use to reach him. Your assistance is appreciated.

From Chris Garvie <Cgarvie@xetel.com>: Could someone recommend a paper, or book, that briefly biographies the life and work of the 19th century molluscan worker G. P. Deshayes? Also, has anyone listed all the taxa he described?

Personal Notes

Dave Mulliner, James Lance, Mike Miller & Don Cadien got together the third weekend in January at Lance's. One result was Don's beautiful photo on The Slug Site.

Jeff Hamann got down to the Caribbean a couple of times during the past year. He is hoping to get back there later this year.

From Paula Mikkelsen: I've been at Delaware Museum of Natural History for about a year now, as Curator of Malacology. Just finished preparing my dissertation -- on anatomy and phylogeny of Cephalaspidea -- for Malacologia which should be published in the next issue. Next projects include a new species of *Cylindrobulla* from Florida, cephalaspids of Amboina, cephs of New Caledonia, and fossil cephs of the Dominican Republic. Whew! Lots of leftovers from B.D. (before dissertation).

From Sandra Millen: "My most interesting 'branching expedition took place in late '94, early '95 when I went to southern Chile (Concepcion to the Strait of Magellan) with Michael Schroedl. Michael has been studying the nudibranchs of Chile for several years. I currently have a number of projects in various stages of completion, but since my teaching load has increased tremendously, these are very slow to reach completion. I have papers "in progress" on several sacoglossans, *Haminaea*, *Adalaria*, *Akiodoris*, *Cumanotus* and several *Flabellinas*. I am also working on papers with Jeff Hamann, Hans Bertsch, Alex Martynov and Michael Schroedl so I have lots of work to do when I find the time.

Dave Mulliner has had some serious back troubles for the past few months and is hoping to get things settled down and back to diving by late spring.

Editor's Notes

I doubt that I will have the time and storage space to keep the back issues of the ON online. The issues are all available in hard copy. I hope to use a lot of space to develop a relational database of opisthobranch citations and species cross-index. If someone has the radular drawings digitized I will be glad to include them in the database. Gary McDonald is working to get his nudibranch bibliography information available to incorporate into an opisthobranch bibliography.

Bibliography

Trowbridge, Cynthia D. 1991. Diet Specialization Limits Herbivorous Sea Slug's Capacity to Switch Among Food Species. *Ecology*, 72(5):1880-1888; figs. 1-5; tpls 1-2. [*Placida dendritica*, Ascoglossa]

Trowbridge, Cynthia D. 1991. Group Membership Facilitates Feeding of the Herbivorous Sea Slug *Placida dendritica*. *Ecology*, 72(6):2193-2203; figs 1-6; tpls 1-3. [Ascoglossa]

Trowbridge, C.D. 1992. Phenology and Demography of a Marine Specialist Herbivore: *Placida dendritica* (Gastropoda: Opisthobranchia) on the Central Coast of Oregon. *Marine Biology* 114:443-452, figs 1-6, tpls 1-4.

Trowbridge, Cynthia D. 1992 [July 16]. Mesoherbivory: the Ascoglossan Sea Slug *Placida dendritica* may Contribute to the Restricted Distribution of its Algal Host. *Mar. Ecol. Prog. Ser.*, 83:207-220; figs 1-8; tpls 1-4.

Trowbridge, Cynthia D. 1993 [April 1]. Population Structure of Two Common Species of Ascoglossan (= Sacoglossan) Opisthobranchs on the Central Coast of Oregon, USA. *Veliger*, 36(2):99-106; figs 1-6; tpls 1-1. [*Aplysiopsis enteromorphae*, *Alderia modesta*, *Placida dendritica*, *Elysia hedgpethi*, *Aplysiopsis smithi*, *Ercolania fuscata*, *Stiliger felinus*, *Limapontia capitata*, *Limapontia. senestra*]

Trowbridge, Cynthia D. 1993 [October 1]. Local and Regional Abundance Patterns of the Ascoglossan (= Sacoglossan) Opisthobranch *Alderia modesta* (Loven, 1844) in the Northeastern Pacific. *Veliger*, 36(4):303-310; figs 1-6; tpls 1-2. [*Limapontia depressa*, *Elysia chlorotica*]

Trowbridge, Cynthia D. 1993. Feeding Ecology of the Ascoglossan Opisthobranch *Aplysiopsis enteromorphae* (Cockerell & Eliot): Patterns of Distribution and Impact on Tidepool-dwelling Green Algae. *J. Exp. Mar. Biol. Ecol.*, 169(1993):233-257; figs 1-8; tpls 1-5. [*Placida dendritica*, *Limapontia capitata*, *Stiliger felinus*, *Limapontia senestra*, *Elysia viridis*, *Ercolania nigra*, *Limapontia depressa*, *Aplysiopsis smithi*]

Trowbridge, Cynthia D. 1993 [November 25]. Interactions Between an Ascoglossan Sea Slug and its Green Algal Host: Branch Loss and Role of Epiphytes. *Mar. Ecol. Prog. Ser.*, 101:263-272; figs 1-7. [*Placida dendritica*]

Trowbridge, Cynthia D. 1994. [February 17]. Defensive Responses and Palatability of Specialist Herbivores: Predation on NE Pacific Ascoglossan Gastropods. *Mar. Ecol. Prog. Ser.*, 105:61-70; figs 1-5; tbl 1. [*Stiliger fuscovittatus*, *Alderia modesta*, *Placida dendritica*, *Aplysiopsis enteromorphae*, *Hermaea bifida*, *Elysia viridis*, *Elysia hedgpethi*]

Trowbridge, Cynthia D. 1994. Life at the Edge: Population Dynamics and Salinity Tolerance of a High Intertidal, Pool-dwelling Ascoglossan Opisthobranch on New Zealand Rocky Shores. *J. Exper. Mar. Biol. Ecol.*, 182(1994):65-84; figs 1-9; tpls 1-6. [*Stiliger felinus*, *Limapontia capitata*, *Limapontia senestra*, *Aplysiopsis enteromorphae*, *Ercolania boodlea*, *Ercolania margaritae*, *Elysia australis*, *Aplysiopsis sinusmensalis*, *Ercolania felina*, *Elysia viridis*, *Limapontia depressa*, *Stiliger gopalai*]

Trowbridge, Cynthia D. 1995 [April 3]. New Zealand Opisthobranchs Associated with the Low Intertidal, Crustose Green Alga *Codium convolutum*: Ascoglossans "Down Under". *Veliger*, 38(2):116-125; figs 1-9; tbl 1. [*Placida dendritica*, *Elysia maoria*, *Hermaea capensis*].

Trowbridge, Cynthia D. 1995 [July 3]. Hypodermic Insemination, Oviposition, and Embryonic Development of a Pool-dwelling Ascoglossan (= Sacoglossan) Opisthobranch: *Ercolania felina* (Hutton, 1882) on New Zealand Shores. *Veliger*, 38(3):203-211; figs 1-5; tpls 1-3. [*Limapontia capitata*, *Limapontia senestra*, *Aplysiopsis enteromorphae*, *Ercolania boodlea*, *Ercolania margaritae*, *Ercolania felina*, *Ercolania coerulea*, *Ercolania emarginata*, *Ercolania funerea*, *Ercolania fuscata*, *Ercolania fuscovittata*, *Ercolania gopalai*].

Wirtz, P. 1995. [Underwater Guide Madeira Canary Islands Azores Invertebrates.] *Unterwasserfuhrer Madeira Kanaren Azoren Niedere Tiere*. S. Naglschmid Verlag, Stuttgart, 247p. [includes 34 opisthobranchs, available from the author (DM 49 + post)].

Wirtz, P. [in press]. Three Shrimps, Five Nudibranchs, and Two Tunicates New for the Marine Fauna of Madeira. *Bol. Mus. Mun. Funchal* [*Chromodoris purpurea*, *C. britoi*, *Hypselodoris webbi*, *Discodoris atromaculata* & *Platydorid argo*].

Wirtz, P. [in press]. One Vascular Plant and Ten Invertebrates New for the Marine Fauna and Flora of Madeira. Arquipelago [*Dolabrifera dolabrifera*, *Elysia viridis*, *Marionia blainvillea*, *Thecacera pennigera*, *Polycera quadrilineata*, *Glossodoris edmundsii* & *Discodoris fragilis*].

Current Addresses

Acosta-Urquidi, Dr. Juan; Department of Biology, Western Washington University, Bellingham, WA98225

Ahmed, Dr. Zahur; Department of Physiology, State University of New York; 313 Cary Hall; Buffalo; NY14214

Aldrich, Dr. Richard W.; Department of Physiology; Yale School of Medicine; New Haven, CT06510

Alkon, Dr. Daniel L.; N.I.H., Molec. & Cellular Neurobiol. Lab.; PK5 Bldg., Room 435; Bethesda; MD20892

Anderson, Dr. Raymond J.; Dept. Chemistry, University of British Columbia; Vancouver; B.C., Canada V6T 1W5

Arias, Dr. J.L.; Dept. de Morfologia Microscopica; Universidad de Oviedo; Julian Claveria s/n; Oviedo, Spain

Arshavashy, Dr. Yu. I.; Institute of Problems of Information Transmission; Academy of Sciences of the USSR; Moscow; Russia

Audesirk; Dr. Gerald; Dept. Biology; University of Colorado; PO Box 173364; Denver, CO80217

Auerbach, Dr. S.B.; Dept. Biological Sciences; Nelson Laboratory, Busch Campus; Rutgers University; Piscataway; NJ08854

Avila, Conxita, <conxita@ceab.es>.

OPISTHOBRANCH NEWSLETTER, February, 1996 - 22(2):6

Baba, Dr. Kikutarō; Shigigaoka 1-11-12; Sango-cho, Ikoma-gun; Nara-ken, Japan 636

Ballesteros; Dr. Manuel; Dept. de Zoología, Facultad de Biología; Universidad de Barcelona; Av. Diagonal, 645; 08028 Barcelona; Spain

Barash, Dr. Al.; Dept. Zoology; Tel-Aviv University; 69978 Ramat Aviv; Israel

Bebbington, Dr. Alan; 13 Red House Lane; Westbury-on-Trym; Bristol; England BS9 3RY

Behrens, David; PG&E, Res. & Dev.; 3400 Crow Canyon Rd; San Ramon; CA94583

Belcik, Dr. Francis; Biology Dept., Box 2577; East Carolina University; Greenville; NC27834

Bickell-Page, Dr. Louise R.; Dept. Biology; University of Victoria; Victoria, B.C., Canada V8W 2Y2

Bloom, Dr. Stephen A.; Dept. Zoology; University of Florida; Gainesville, FL32611

Brodie, Gilianne, Dept. Marine Biology, James Cook University, Townsville 4811, Australia, <gilianne.brodie@jcu.edu.au> [primary interest dendrodorids].

Cervera Currado, Dr. Juan Lucas, Dpt. Biología Animal, Vegetal y Ecología, Fac. Ciencias del Mar, Univ. Cadiz, Spain, <lucas.cervera@uca.es>.

Hamann, Jeff, c/o Hamann Construction, 475 W. Bradley Ave, El Cajon, CA92019, 619-440-7424 work, 619-561-8511 home.

Loch, Ian, <ianl@amsg.austmus.oz.au>.

Macia, Silvia M., University of Miami, Rosenstiel School of Marine & Atmospheric Science, Marine Biology & Fisheries Division, 4600 Rickenbacker Causeway, Miami, FL33149, 305-361-4833, 305-361-4077 Fax, <smacia@oj.rsmas.miami.edu> [second-year graduate student, community ecology of invertebrate fauna of seagrass beds, with particular interest in sea urchins & gastropods].

Megina Martinez, Cesar, Dpto. Biología Animal, Vegetal y Ecología, Fac. Ciencias del Mar (Univ. Cadiz), Apdo. 40, 11510 Puerto Real (Cadiz), e-mail <cesar.megina@uca.es>.

McLean, James H., Los Angeles County Museum of Natural History, 900 Exposition Blvd., Los Angeles, CA90007, e-mail <jmclean@bcf.usc.edu> [Including shelled cephalaspideans in research].

Mikkelsen, Dr. Paula M., Department of Malacology, Delaware Museum of Natural History, P.O. Box 3937, Wilmington, DE19807-0937, 302-658-5004, 302-658-9111, 302-658-2610 Fax, <paulam@ssnet.com>.

Millen, Sandra, Postal Code V6T 1Z4 (last month was incorrect), 604-822-2416 Fax.

Mulliner, Dave, 5283 Vickie Dr., San Diego, CA92109, 619-488-2701

Noack, Katharina; Dept. of Ecology and Evolution; State University of New York; Stony Brook, NY11794-5245; <kat@live.bio.sunysb.edu> [graduate students; interested in molecular phylogeny of nudibranchs]

Northern Association of Marine Invertebrate Taxonomists, c/o EILS - Ambient Monitoring Section, Washington State Department of Ecology, P.O. Box 47710, Olympia, WA98504-7710.

Rudman, Bill, <billr@amsg.austmus.oz.au>

Runham, Dr. N.W., School of Biological Sciences, University of Wales, Bangor, Gwynedd LL57 2UW, U.K., <n.w.runham@bangor.ac.uk> [functional morphology & cytology particularly in relation to mollusc reproduction and the radula].

Swennen, Dr. C., <swennen@pi.net> [I did some work with opisthobranchs in about 1950-1960, thereafter quite different topics, but am now turning back to old favorites. Currently collecting molluscs in SE Asia, mainly Gulf of Thailand].

Trowbridge, Cynthia, Dept. Zoology, Oregon State University, Corvallis, OR97331-2914, 541-737-5359 office; 541-574-0820 home, e-mail <trowbric@bcc.orst.edu> [ecology of opisthobranchs, particularly herbivorous species].

