

Opisthobranch Newsletter

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Editor: Steven J. Long; 20220 21st Ave. NW, Shoreline, WA 98177; 206-546-5977; 1-800-793-6188. e-mail <miranda@oz.net>. Web Site: <<http://www.oz.net/~miranda>>

EDITOR'S NOTES:

The search engine is running again. The results are getting better all the time as people send me additional material. At present it is operating with only the "AND" function and the "WILDCARD" but you can do good things by combining AND's for searches up to 40 characters long. For example, you could search on /Long/&/Steven/&/J./ which would return both Steven James Long and Steven J. Long. You can still be very specific by doing / Long / and leaving a space before and after. Remember that technique allows no commas or any character before or after the word. Only a space.

In the next few days I will change the search so that you can search only bibliography or bibliography and taxa. About 3 days ago my primary hard drive died causing the loss of a lot of data. I will try to recreate the lost data as soon as I can recover the ability to upload to the web site. I am also behind looking at my e-mail.

Please e-mail electronic text files or send hardcopy or fax of lists and bibliography. I also need reprints for any publication including opisthobranchs or related species.

Thanks to Robert Bolland, Ester Farinati, Wes Farmer, Kerry Clark, Sandra Millen, Guido Poppe, Mike Miller, Machiko Yamada, Mark Rushing and Gary McDonald for help with this issue.

I am starting a new web "Biography" section including short biographies for anyone connected with opisthobranchs, current or past.

PERSONAL NOTES:

Kerry Clark was mentioned in the NY Times (September 17) in an article on marine biodiversity. He was also recently elected as a Fellow of the American Association for the Advancement of Science for "research that documents vanishing populations and species of marine organisms, and for contributions to the understanding and conservation of marine biodiversity."

Wes Farmer will be travelling to Costa Rica in early November.

Michael Schrödl is in Chile for a time.

Malcolm Edmunds will be travelling to Seattle in November.

Sandra Millen visited with Steve Long in Seattle in early October.

From Sara Campani: I am a young italian student and my doctoral thesis will be devoted

to Nudibranchs. So I am interested in subscribing to Opisthobranch Newsletter. This e-mail is from my father's mail service and you can reply to campani@pifidpt.difi.unipi.it specifying to Sara.

INFORMATION EXCHANGE:

Guido Poppe: has set up hundreds of shell photos on the internet. The opisthobranch illustrations will be linked from the illustration list on the Opisthobranch Site. To reach them use this: <http://www.innet.be/~year0078>

READER FORUM:

Indicator Species: I have proposed that tropical opisthobranchs, which often occur in very small and isolated populations and lack a dispersal larval stage (at least in the Caribbean), may serve as models for conservation of other rare marine invertebrates, because their obligate association with more conspicuous prey species makes populations potentially studyable; with some preliminary study, opisthobranchs do occur in predictable locations and times. Few experimental studies have been performed on marine specialists (and opisthobranchs are among the most specialized marine invertebrates); understandably, most biologists work on generalist species which occur in large numbers and are readily available, and especially on commercially-useful species. However, study of the extremes in variation often provides critical insight into evolutionary trends, and ultimately the specialists must be studied to properly understand many processes in marine systems. For example, some Caribbean ascoglossans feed on ecologically critical macrophytes (seagrasses in nearshore systems, and calcareous algae such as *Halimeda*, which provides the major bulk of calcium carbonate deposition on most coral reefs), and may play a role in regulation of prey populations that is disproportionate to their biomass.

As the marine biodiversity crisis gains public attention, opisthobranchs, with many amateur enthusiasts and inherent photogenic nature, will increasingly appear in the public spotlight. - Kerry Clark.

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ADDRESSES:

- Beck, James; Department of Zoology; University of Washington; Box 351800; Seattle, WA98195-1800; Phone: 206-543-8932; Interests: Neurobiology, Cell Biology, Synaptic Physiology; <beck@zoology.washington.edu>
- Brueggeman, Dr. Peter; Scripps Institution of Oceanography Library; University of Calif San Diego, 9500 Gilman Dr, Dept 0175C; San Diego CA 92093-0175 <pbueggeman@ucsd.edu> <http://scilib.ucsd.edu/sio/>; Telephone: 619/534-1230; Fax: 619/534-5269
- Clatworthy, A.L.; Dep. Integrative Biol., Univ. Texas Med. Sch. at Houston, P.O. Box 10708, Houston, TX 77225
- Cropper E.C.; Cuny Mt Sinai Sch. Med., Dept. Physiol. & Biophys., Box 1218, 1 Gustave L Levy Pl, New York, NY 10029, USA
- De Nys, R.; Sch. Biol. Sci., Univ. N.S.W., Sydney, NSW 2052, Australia.
- Dewilde, S.; Dep. Biochemistry, Univ. Antwerp, Universiteitsplein 1, B-2610 Antwerp, Belgium.
- Dixon, Anna R.; <adixon@hawaii.edu> Dept. Anthropology; Porteus 346 ; 2424 Maile Way; University of Hawaii at Manoa; Honolulu, HI 96822; Home: (808) 944-6142; Office: (808) 956-8415 [Indo-Pacific coral reef ecology, Chemical defense in marine organisms]
- Dyer, J.R.; Clinical Res. Inst, Montreal, Neurobiology & Behavior Lab, Montreal, PQ H2W 1R7, Canada
- Evans C.G.; Mt. Sinai Med Ctr., Dept. Physiol. & Biophys, Box 1218, 1 Gustave L. Levy Pl, New York, NY 10029
- Farinati, Dra. Ester; Departamento de Geologia; San Juan 670; 8000 - Bahia Blanca, Argentina; <farinati@criba.edu.ar>
- Fredman, S.M.; Dep. Physiol., Meharry Med. Coll., Nashville, TN 37298, USA.
- Fusetani, N.; Fusetani Biofouling Project, Exploratory Res. Advanced Technology, Res. Development Corporation of Japan, c/o Niigata Eng. Co. Ltd., Isogo-ku, Yokohama 235, Japan.
- Ghirardi, M.; Univ Turin, Dipartimento Neurosci, Corso Raffaello 30, I-10125 Turin, Italy
- Hu, K.H.; NCI-NIH, Bldg. 37, Rm. 2D21, 37 Convent Dr. MSC4255, Bethesda, MD 20892-4255, USA.
- Ichinose, M.; Shimane Med. Univ., Dept. Physiol., Izumo, Shimane 693, Japan
- Jacklet, J.; SUNY Albany, Dept. Biol. Sci., Albany, NY 12222
- Kandel, Dr. Eric R.; Cent. Neurobiol. Behavior, Howard Hughes Med. Inst., Coll., Physicians Surgeons of Columbia Univ., 722 West 168th St., New York, NY 10032, USA
- King, W.M.; School Public Health, Albany, NY12201
- Klein, M.; Clin. Res. Inst. Montreal, Univ. Montreal, 110 Pine Ave. West, Montreal, PQ H2W 1R7, Canada.
- Knox, R.J.; Yale Univ, Dept Pharmacol, New Haven, Ct 06520
- Kollien, A.H.; Arbeitsgruppe Spezielle Zool., Ruhr- Univ. Bochum, 44780 Bochum, Germany.
- Komatsu, H.; Kagawa Med Sch, Dept Anesthesiol & Emergency Med, 1750 Ikenobe, Miki, Kagawa 76107, Japan
- Libertini, A.; CNR, Inst. Marine Biol., Riva 7, Martiri 1364/A, I-30122 Venice, Italy.
- Lukowiak, K.; Univ Calgary, Fac Med, Neurosci Res Grp, Calgary, Ab T2N 1N4, Canada.
- Marshall, Julie jmarshall@latrobe.edu.au
- Mothet, J.-P.; Lab. de Neurobiol. Cellulaire Mol., Unite Propre de Recherche 9040, Centre National de la Recherche Scientifique, 1 Ave. de al Terrasse, 91198 Gif-sur-Yvette, France.
- Mpitsos, G.J.; Univ. Helsinki, Dept. Anat., Helsinki 00290, Finland, Univ. Helsinki, Dept. Neurol., Helsinki 00290, Finland
- Nagai, H.; Dep. Pathol., John A. Burns Sch. Med., Univ. Hawaii, Honolulu, HI 96822, USA.
- Narad, Chuck <narad@nudibranch.asd.sgi.com>; 92 Blake Ave; Santa Clara, CA 95051
- Palatzidis, S.; Kagoshima Univ, Lab Aquaculture Physiol, 4-50-20 Shimo Arata, Kagoshima 890, Japan
- Parker, Michael W.; <parker@u.washington.edu> Computer Services Specialist, Department of Radiology, University of Washington, Box 356004, Seattle, WA 981xx; voice: 206-548-4521; fax: 206-543-3495
- Phares, G.A.; Dep. Pharmacol. Physiol. Sci., Univ. Chicago, Chicago, IL 60637, USA.
- Rosen S.; Mt. Sinai Med Ctr, Fishberg Res Ctr Neurobiol, New York, NY 10029
- Sanger, J.M.; Dep. Cell Developmental Biol., Univ. Pennsylvania Sch. Med., Philadelphia, PA 19104-6058, USA.
- Sawada, M.; Dep. Physiol., Shimane Med. Univ., Izumo 693, Japan.
- Schaefer, K.; Zool. Inst., Univ. Wien, Althanstrasse 14, A-1090 Wien, Austria.
- Schuller, Terry, 3304 Ketch Ave., Oxnard, CA 93035; (805)984-9104, Fax: (805)984-3008; <terry@ulcs.com>
- Soinila, S.; Oregon State University, Mark O. Hatfield Marine Science Center, Newport, OR 97365
- Sossin, W.S.; McGill Univ., Montreal Neurol. Inst., Dept. Neurol. & Neurosurg., Montreal, PQ H3A 2B4, Canada
- Steffesen, I.; Neurosci., Loeb Inst., Univ. Ottawa, OCH, Ottawa, ON K1Y 4E9, Canada.
- Suenaga, K.; Dep. Chem., Fac. Sci., Nagoya Univ., Chikusa, Nagoya 464, Japan.
- Sulaiman, S.; Dep. Parasitology Med. Entomology, Fac. Med., Univ. Kebangsaan Malaysia, Jalan Rja Muda Abdul Azi, 50300 Kuala Lumpur, Malaysia.
- Tamse, C.T.; Marine Biology Lab, Woods Hole, MA 02543
- Trowbridge, Dr. Cynthia D.; Gatty Marine Laboratory, Univ. St. Andrews; St. Andrews KY16 8LB Scotland; <trowbric@bcc.orst.edu> (permanent e-mail at Oregon State University)
- Tsubokawa, Ryoko; Tokyo University of Fisheries, 4-5-7 Konan, Minato-ku, Tokyo 108, Japan
- Wright, W.G.; Dep. Biol., Colo. State Univ., Fort Collins, CO 80523, USA.
- Xin, Y.; Cent. Neurobiol. Behavior, Coll. Physicians Surgeons, Columbia Univ., 722 West 168th St., Res. Annex, New York, NY 10032, USA.
- Yamasaki, S.; Kagoshima Univ, Lab Fishing Gears, Kagoshima 890, Japan.
- Yamoah, E.N.; Dep. Physiology, Johns Hopkins Univ. Sch. Med., 725 North Wolfe Street, Baltimore, MD 21205-2185, USA.