

Opisthobranch Newsletter

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EDITOR'S NOTES

I would appreciate some comments on the seaslug listserver. I thought this was useful as any member could send questions to the group easily. Since it is a closed list you should not get any junk mail associated with it – that all comes to me. I realize that we are getting very close to the summer break and everyone takes off in their own direction – hope you will send your comments first. Also would appreciate notes on your summer plans for the ON.

Thanks to Bob Bolland, Gary McDonald, Peter Wirtz, Arie Janssen, Kathe Jensen, Gillianne Brodie, Karen Gowlett-Holmes, Jussie Evertsen, Jorge Mendez Fuentes, Manuel Malaquias, Vic Smith, Lucie Hannah, Sérgio Ávila, Alexandre Pimenta, Anthony Holley, Sara Black Banks, Jeff Goddard, Erwin Köhler, Hans Bertsch, David Franz, Paula Mikkelsen, Duane De Freese, Wayne Ellis, Cynthia Trowbridge, Paul Scheuer and Pat LaFollette for recent information.

Irina Roginskaya has been digging through some of the old Russian opisthobranch citations and sending them to me with the species lists and title translations. I would very much appreciate some help with other foreign language publications. If the title does not appear in the bibliography search I do not have it.

INFORMATION EXCHANGE

From Peter Wirtz: I have recently collected *Micromelo undatus* at the Cape Verde islands. The species has a circumtropical distribution but I cannot find any record from the eastern Atlantic. Could this be the first one? I have also recorded *Hydatina vesicaria* from there. A Cape Verde record is missing in "The living species of *Hydatina* ..." by R.P.A. Voskuil in *Vita Marina* 43, 29-38 (1995). The record from Madeira Island is also missing in this paper. See my book "Under water guide Madeira Canary Islands Azores Invertebrates" which notes the presence of the species at Madeira (using the name *Hydatina physis*). -

biomar@dragoeiro.uma.pt

From Rebecka Eriksson: I am a Swedish biology student with a special interest in seaslugs. I am planning to go to Spain to do a work for my university (University of Gothenburg) this fall, and need some kind of listing as

to which species are described for the Spanish coasts - preferably both the Atlantic and the Mediterranean. I will be doing a sort of inventory, or so I plan. I am wondering if you know any good homepages or persons to contact, or even if there are any printed lists? I do know it's very difficult to find good printed material on these little creatures. I am very grateful for any help you can offer! - rebecka.eriksson@gurmail.com

PERSONAL NOTES

From Arie Janssen: This summer I intend to join the opisthobranch workshop in Menfi, Sicily (June), where I intend to read a paper on Cuvierininae lineages (Oligocene to Recent). Later this year (August/September) I will continue field work on fossil Euthecosomata (Heteropoda & Pteropoda) in northern Italy and join the biannual RCNNS/ RCNPS-meeting in Leuven, Belgium. Furthermore I will of course continue on the study of mainly Maltese fossils of the same groups from the Miocene. - ariwww@dream.vol.net.mt

From K. Padmukumar: To introduce myself; a Marine Biologist interested in the taxonomy and chemical ecology of sacoglossans and nudibranchs. I am still a toddler in this field. As I do not have any direct access to web I have not responded to some of your earlier mails. So, I haven't had any opportunity to go through the newsletter also. If I can be of any help for your initiative, I would extend all possible help from this part of the world. - padaqb@univker.ernet.in

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Discodoris paroa, *Sebadoris nubilosa*, *Sclerodoris tarka*, *Aphelodoris varia*, *Aphelodoris berghi*, *Aphelodoris lawsae*, *Aphelodoris rossquicki*, *Aphelodoris greeni*, *Aphelodoris juliae*, *Halgerda rubra*, *Halgerda graphica*, *Halgerda willeyi*, *Asteronotus cespitosus*, *Hoplodoris nodulosa*, *Platydoris scabra*, *Platydoris cruenta*, *Platydoris capricorneus*, *Platydoris galbanus*, *Dendrodoris nigra*, *Dendrodoris tuberculata*, *Dendrodoris rubra*, *Dendrodoris denisoni*, *Dendrodoris mammosa*, *Dendrodoris guttata*, *Dendrodoris albobrunnea*, *Dendrodoris rainfordi*, *Dendrodoris alboburpurea*, *Dendrodoris maugaeana*, *Dendrodoris vadisi*, *Doriopsilla miniata*, *Doriopsilla carneola*, *Doriopsilla staminea*, *Phyllidia varicosa*, *Phyllidia ocellata*, *Phyllidia coelestis*, *Phyllidia elegans*, *Phyllidia picta*, *Phyllidia loricata*, *Phyllidia nobilis*, *Phyllidia pustulosa*, *Fryeria ruppelli*, *Phyllidiopsis cardinalis*, *Polycera capensis*, *Polycera risbeci*, *Polycera parvula*, *Polycera janjukia*, *Thecacera pennigera*, *Thecacera pacifica*, *Nembrotha nigerrima*, *Nembrotha kubaryana*, *Nembrotha cristata*, *Nembrotha lineolata*, *Nembrotha purpureolineata*, *Nembrotha livingstonei*, *Tambja verconis*, *Tambja affinis*, *Tambja morosa*, *Roboastra gracilis*, *Roboastra arika*, *Plocamophorus imperialis*, *Plocamophorus insignis*, *Plocamophorus ceylonicus*, *Kaloplocamus ramosus*, *Kaloplocamus yatesi*, *Kaloplocamus acutus*, *Crimora multidigitalis*, *Kalinga ornata*, *Notodoris citrina*, *Notodoris gardineri*, *Notodoris minor*, *Aegires villosa*, *Aegires citrina*, *Gymnodoris ceylonica*, *Gymnodoris bicolor*, *Gymnodoris citrina*, *Gymnodoris inornata*, *Gymnodoris concina*, *Gymnodoris marginata*, *Gymnodoris arnoldi*, *Gymnodoris nigricolor*, *Analogium striatum*, *Paliolla cooki*, *Vayssierra caledonica*, *Goniodoris meracula*, *Okenia pellucida*, *Okenia mija*, *Ancula mapae*, *Onchidoris maugaeansis*, *Acanthodoris metulifera*, *Acanthodoris nanega*].

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Doris varia, *Doris variabilis*, *Doris verrucosa*, *Doris violacea*, *Goniodoris verrucosa*, *Gymnodoris bicolor*, *Gymnodoris maculata*, *Haustellodoris*, *Hexabranthus*, *Histiophorus*, *Hoplodoris desmoparypha*, *Hoplodoris nodulosa*, *Jorunna hartleyi*, *Jorunna pantherina*, *Jorunna tomentosa*, *Kalinga ornata*, *Neodoris chrysoderma*, *Notodoris citrina*, *Notodoris gardineri*, *Notodoris megastigma*, *Notodoris minor*, *Onchidoris, Palliola*, *Peltodoris*, *Peplidia*, *Plocamoceros*, *Plocamophorus amboinensis*, *Plocamophorus apheles*, *Plocamophorus ceylonicus*, *Plocamophorus fulgurans*, *Plocamophorus imperialis*, *Plocamophorus indicus*, *Plocamophorus insignis*, *Plocamophorus levivarius*, *Plocamophorus maculatus*, *Plocamophorus maderae*, *Plocamophorus noevatus*, *Plocamophorus ocellatus*, *Plocamophorus tilesi*, *Polycera capensis*, *Polycera ceylonica*, *Polycera conspicua n.sp.*, *Polycera nigrocrocea n.sp.*, *Praeglisca chrysoderma*, *Rhabdochila*, *Rhacodoris*, *Rostanga arbutus*, *Rostanga atrata*, *Rostanga byga*, *Rostanga evansi*, *Rostanga hartleyi*, *Rostanga muscula*, *Rostanga perspicillata*, *Rostanga pulchra*, *Rostanga rubicunda*, *Rostanga rubra*, *Rostanga rufescens*, *Rostanga temerana*, *Staurodoris pustulata*, *Thordisa*, *Rrevelyana bicolor*, *Trevelyana citrina*, *Trevelyana perlucens*, *Trevelyana suggens*, *Triopa yatesi*]

Thompson, T.E. 1976. Biology of opisthobranch molluscs I. Ray Society, London pp. 1-206: figs. 1-106: pls. 1-21. [*Acanthodoris hudsoni*, *Acanthodoris nanaimoensis*, *Acanthodoris pilosa*, *Acochlidium*, *Acteon tornatilis*, *Acteon senestra*, *Actinia equina*, *Actinocyclus*, *Adalaria proxima*, *Aegires*, *Aeolidia papillosa*, *Aeolidiella alba*, *Aeolidiella alderi*, *Aglaja inermis*, *Akera bullata*, *Akera bullata farrani*, *Akera bullata nana*, *Alderia modesta*, *Aldisa*, *Alloiodoris*, *Amphisphyrha hyalina*, *Ancula*, *Anopsia*, *Antiopella*, *Aphelodoris*, *Aphrodite*, *Aplysia albo-punctata*, *Aplysia californica*, *Aplysia camelus*, *Aplysia depilans*, *Aplysia fasciata*, *Aplysia hybrida*, *Aplysia leporina*, *Aplysia lepus*, *Aplysia limacina*, *Aplysia major*, *Aplysia marmorata*, *Aplysia melanopus*, *Aplysia nexa*, *Aplysia punctata*, *Aplysia rosea*, *Aplysia rosea*, *Aplysia stellata*, *Aplysia varians*, *Aplysia virescens*, *Aplysia vulgaris*, *Aporodoris*, *Archidoris pseudoargus*, *Argus*, *Armina californica*, *Artachaea*, *Arthessa*, *Asteronotus*, *Atagama*, *Atthila*, *Atys utriculus*, *Austrodoris macmurdensis*, *Baptodoris*, *Berghia*, *Berthellina*, *Berthella plumula*, *Berthella porosa*, *Berthellina citrina*, *Berthellina engeli*, *Bornella digitata*, *Bosellia*, *Bouvieria perforata*, *Branchiostoma*, *Bulla ampulla*, *Bulla aperta*, *Bulla catena*, *Bulla cranchii*, *Bulla cylindracea*, *Bulla denticulata*, *Bulla gouldiana*, *Bulla hyalina*, *Bulla hydatis*, *Bulla lignaria*, *Bulla mammillata*, *Bulla navicula*, *Bulla obtusa*, *Bulla pertenuis*, *Berthella plumula*, *Bulla punctata*, *Bulla punctostriata*, *Bulla quadrata*, *Bulla quadripartita*, *Bulla retusa*, *Bulla scabra*, *Bulla tornatilis*, *Bulla umbilicata*, *Bulla utriculus*, *Bullaea alata*, *Bullaea pruinosa*, *Bullina*, *bursatella*, *Cadlina laevis*, *Caliphylla*, *Calliopoaea bellula*, *Calliopoaea dendritica*, *Calma glaucoidea*, *Caloria*, *Casella atromarginata*, *Catriona aurantia*, *Cavolinia*, *Cenia cocksii*, *Cenia corrugata*, *Cephalobranchia*, *Cephalopyge*, *Ceramium*, *Ceratosoma cornigerum*, *Cerberilla*, *Cerithiopsis tubercularis*, *Chaetomorpha linum*, *Chalidis caerulea*, *Charcotia*, *Chelidonura sandrana*, *Chlamys farreri*, *Chondrus*, *Chromodoris daphne*, *Chromodoris loringi*, *Chromodoris quadricolor*, *Cladophora arca*, *Cladophora rupestris*, *Cladophora cericea*, *Clio*, *Clione limacina*, *Cliopsis*, *Colpodapsis pusilla*, *Corambe*, *Corabella steinbergae*, *Corolla*, *Coryphella cynara*, *Coryphella fusca*, *Coryphella iodinea*, *Coryphella lineata*, *Coryphella verrucosa rufibranchialis*, *Creseis*, *Crimora papillata*, *Crucibranchaea macrochira*, *Cumanotus beaumonti*, *Cuthona pustulata*, *Cycloporus papillosus laevigatus*, *Cyerce nigra*, *Cylichna acuminata*, *Cylichna cylindracea*, *Cylichna mammillata*, *Cylichna nitidula*, *Cylichna obtusa*, *Cylichna truncata*, *Cylichna umbilicata*, *Cylindrobulla*, *Cymbulia*, *Dendrodoris denisoni*, *Dendronotus frondosus*, *Dendronotus iris*, *Dermatobranchus*, *Desmopteris*, *Diacria*, *Diaphana candida*, *Diaphana minuta*, *Dirona albolineata*, *Dirona aurantia*, *Dirona picta*, *Discodoris*, *Dolabella lepus*, *Dolabrifera*, *Doridomorpha*, *Doridopsis limbata*, *Doridoxa*, *Doridunculus*, *Doris bifida*, *Doto coronata*, *Doto fragilis*, *Doto yongei*, *Egalvina*, *Electra pilosa*, *Elysia marginata*, *Elysia viridis*, *Embletonia mariae*, *Embletonia pallida*, *Eubranthus exiguus*, *Eubranthus olivaceus*, *Eusenops luniceps*, *Facelina annulicornis*, *Facelina auriculata*, *Facelina auriculata coronata*, *Favorinus branchialis*, *Fiona pinnata*, *Flabellina*,

Fryeria, *Gastropteron pacificum*, *Glaucilla marginata*, *Glaucus atlanticus*, *Goniolis*, *Goniodoris nodosa*, *Gymnodoris*, *Halgerda*, *Hallaxa*, *Haloa*, *Haminea brevis*, *Haminea cymbalum*, *Haminea hydatis*, *Haminea navicula*, *Haminea virescens*, *Haminea zelandiae*, *Hancockia burnia*, *Hedyle spiculifera*, *Hedylopsis brambelli*, *Hedylopsis loricata*, *Hedylopsis spiculifera*, *Hedylopsis suecica*, *Hermaea (Hermaea) bifida*, *Hermaea (Hermaea) variopicta*, *Hermaea (Placida) dendritica*, *Hermania catena*, *Hermania scabra*, *Hermania venosa*, *Hermisenda crassicornis*, *Hero formosa*, *Herviella*, *Heterodoris*, *Hexabranthus sanguineus*, *Homoiodoris*, *Hopkinsia*, *Hoplodoris*, *Hydatina physis*, *Hypselodoris infurcata*, *Ildica*, *Isochrysis galbana*, *Jorunna tomentosa*, *Julia japonica*, *Kalinga ornata*, *Kentrodoris*, *Laila cockerelli*, *Laginopsis*, *Lamellaria membranacea*, *Lamellaria perspicua*, *Laona pruinosa*, *Laplysia depilans*, *Laplysia viridis*, *Limacia*, *Limanda limanda*, *Limapontia capitata*, *Limapontia depressa*, *Limapontia nigra*, *Limapontia senestra*, *Limapontia senestra corrugata*, *Lobiger serradifalci*, *Lomanotus marmoratus*, *Madrella sanguinea*, *Marianina*, *Marionia pustulosa*, *Maxaceton cratericulatus*, *Melanochlamys cylindrica*, *Melibe leonina*, *Miamira*, *Microhedyle lactea*, *Micromelo guamensis*, *Mordilla*, *Myrrhine*, *Navanax inermis*, *Nembrotha ellora*, *Notaeolidia*, *Notarchus punctatus*, *Notarchus timidus*, *Notodiaphana*, *Notodoris*, *Odostomia columbianus*, *Odostomia fujitani*, *Odostomia modesta*, *Odostomia rufa*, *Odostomia unidentata*, *Okadaia elegans*, *Olea hansineensis*, *Onchidoris bilamellata*, *Onchidoris muricata*, *Ossianus tuberculatus*, *Ossiania alata*, *Ossiania angulata*, *Ossiania nitida*, *Ossiania quadrata*, *Oxynoe*, *Pelta coronata*, *Peltodoris atromaculata*, *Peracle*, *Peraclis*, *Phestilla melanobranchia*, *Phidiana pugnax*, *Philine angulata*, *Philine aperta*, *Philine auriformis*, *Philine catena*, *Philine denticulata*, *Philine nitida*, *Philine pruinosa*, *Philine punctata*, *Philine quadrata*, *Philine quadripartita*, *Philine scabra*, *Philine scutulum*, *Philinoglossa helgolandica*, *Philinoglossa remanei*, *Philinopsis pilsbryi*, *Philinopsis taronga*, *Phyllaplysia taylora*, *Phyllidia varicosa*, *Phylliroe bucephala*, *Phyllobranchus orientalis*, *Phyllodesmium*, *Placida viridis*, *Placobranchus*, *Platydoris*, *Pleurobranchaea*, *Pleurobranchus membranaceus*, *Pleurobranchus peroni*, *Pleurobranchus tuberculatus*, *Plocamopherus ceylonicus*, *Plocamopherus imperialis*, *Pluscula*, *Pneumoderma*, *Pneumodermaopsis*, *Polybranchia*, *Polycera atra*, *Polycera capensis*, *Polycera quadrilineata*, *Pontolimac capitatus*, *Procuthona*, *Proctonotus*, *Procybullia*, *Prostheceraeus vittatus*, *Pseudovermis mortoni*, *Pteroaolidia semperia*, *Pupa kirki*, *Pupa sulcata*, *Pyramidella*, *Retusa mamillata*, *Retusa obtusa*, *Retusa obtusa pertenuis*, *Retusa operculata*, *Retusa plicata*, *Retusa retusa*, *Retusa truncatula*, *Retusa truncatula mammillata*, *Retus umbilicata*, *Rhizorus acuminatus*, *Rhizorus adelaidis*, *Ringicula*, *Rostanga arbutus*, *Roxania utriculus*, *Roxania utriculus cranchii*, *Runcina calaritana*, *Runcina coronata*, *Runcina hancocki*, *Runcina setoensis*, *Runnica*, *Sagamanopteron ornatum*, *Scaphander librarius*, *Scaphander lignarius*, *Scaphander punctostriatus*, *Sclerodoris*, *Scyllaea pelagica*, *Selva rubra*, *Spiratella helcina*, *Spiratella retroversa*, *Spurilla neapolitana*, *Stiliger bellulus*, *Stiliger fusca*, *Stiliger gopalai*, *Stiliger modestus*, *Stiliger ornatus*, *Stiliger vesiculosus*, *Styliola*, *Tenellia (= Embletonia) pallida*, *Tergipes despectus*, *Tethys leporina*, *Thecacera*, *Thiptodon*, *Tocuina tetraquetra*, *Tornatella fasciata*, *Tornatina mamillata*, *Tornatina nitidula*, *Tornatina truncatula*, *Trapania*, *Trevelyana*, *Tricla lignaria*, *Tricla punctostriata*, *Tridachia crispata*, *Trinchesia aurantia*, *Trinchesia caerulea*, *Trinchesia glottensis*, *Trinchesia pilata*, *Triopha carpenteri*, *Trippa*, *Tritonia diomedea*, *Tritonia festiva*, *Tritonia hombergi*, *Tritonia plebeia*, *Turbonilla*, *Tyrodina*, *Umbraculum sinicum*, *Utriculus hyalinus*, *Utriculus mammillatus*, *Utriculus obtusus*, *Utriculus truncatulus*, *Vayssierea caledonica*, *Volvaria subcylindrica*, *Volvatella*, *Volvula acuminata*, *Volvulella acuminata*]

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