

# australasian nudibranch NEWS

No.6 February 1999



## *Ceratosoma brevicuadatum*

Abraham, 1867

This species is endemic to the temperate southern Australia, from Cape Byron in the east to Houtman Abrolhos in the west. It is the dominate species in Victorian waters.

The body and mantle colour can be bright red, pink, orange, pale brown or yellow and bear red, blue or purple spots often with white rings. The rhinophores and tripinnate gills are the same colour as the mantle and foot.

The body is firm, high, slender and inflexible. The mantle has a continuous wavy notal ridge which develops into a posterior mantle projection. This distinguishes it from tropical species which have elongated and recurved projections. This species can grow to 150mm.

*C. brevicuadatum* can be found in 0–36m and is commonly sighted intertidally or in shallow water

*Ceratosoma adelaide* Baselow and Hedley, 1905 and *C. oblongum* Abraham, 1876 are synonyms.

## References:

Willan & Coleman. 1984. *Nudibranchs of Australasia*.

Rudman W.B. *The Chromodorididae (Opisthobranchia Mollusca) of the Indo-West Pacific: a review of the genera. Zoological Journal of the Linnean Society (1984): 81: 115-273.*

For more information visit the Australian Museum's website:

<http://www.austmus.gov.au/science/division/invert/mal/forum/cerabrev.htm>



*Ceratosoma brevicuadatum* photographed at Fly Point, Port Stephens, NSW, Australia

## Editors Notes

Helmut Debilus's second edition of *Nudibranchs and Sea Snails* is now available (see review page 4). Neville Coleman has supplied the updated species list for his *Nudibranchs of the South Pacific* (see page 3). For the full update, including the new distribution notes, send an email and we will forward a copy.

The Port Stephens nudibranch list has drawn some attention, a film maker recently contacted us after seeing the list on our web site. We are now looking at how we can assist him in making a documentary on the Rocky Shore. All specimens are to be photographed and then released unharmed.

Surfing the nudibranch sites recently I came across a site created by Lim Yun Ping. Have a look at <http://arl.nus.edu.sg/mandar/yp/EPIC/nudi.html>

## Feedback

In answer to Lindsay Warren's request for information:

### Helmut's book (Edition one):

page 139 (middle): is *Phillinopsis cyanea*.

page 147 (top): is *Stylocheilus citrina*.

page 146 (centre small): is *Aplysia parvula*

page 284(top): is *Marionia viridescens* same as 283 (top).

### Well & Bryce:

Photo number 182 is *Dendrodoris fumata*

Photo number 183 is *D. nigra*.

Clay Bryce. [brycec@muesem.wa.gov.au](mailto:brycec@muesem.wa.gov.au)

Port Stephens nudibranchs sightings.

This season has been very poor for nudis. Even the normal ones are scarce. Don't know why. There has been a bit of an invasion of juvenile feather stars. They may eat the eggs/larvae?

David Atkinson. [atkin@hunterlink.net.au](mailto:atkin@hunterlink.net.au)

## Steve Long's Opisthobranch Site.

In June, 1969, Richard Roller and Steve Long published the first issue of the *Opisthobranch Newsletter*. Dick Roller went on to other pursuits after the first year but 24 volumes of the ON have been published and the current issue is to be found on <http://www.seaslug.com>

The site is a valuable reference source for information about opisthobranchs, pyramidellids, nudibranchs and related molluscs.

The main feature of the seaslug site is a search engine which retrieves information from 13,000+ bibliographic citations, hundreds of addresses, thousands of taxon names and over 2,300 opisthobranch photo links. The photo links are color photos from around the world. In addition, seaslug.com has links to many other opisthobranch resources.



This list has been compiled to demonstrate the diversity and stimulate interest in the opisthobranch fauna of Port Stephens.

Thanks to Carol Buchanan for her input to the list and photographs.

Updated copies of the list will be available at <http://www.ozemail.com.au/~glaskin/PSlist.htm>



*Cuthona* sp.



*Phidiana* sp.



*Chromodoris verrieri*



*Goniodoridiella savignyi*



*Polycera* sp. (brown & biege)

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## Port Stephens Species List

### Gononiodorididae

*Hopkinsia* sp.  
*Trapania brunnea*  
*Goniodoris meracula*  
*Goniodoridella savignyi*  
Unknown *Goniodorid*

### Polyceridae

*Plocamopherus ceylonicus*  
*Plocamopherus imperialis*  
*Plocamopherus tilesi*  
*Thecacera pennigera*  
*Tambja affinis*  
*Tambja* sp.  
*Tambja morosa*  
*Tambja verconis*  
*Polycera capensis*  
*Polycera* sp. (brown & biege)  
*Nembrotha rutilans*  
*Nembrotha purpureolineata*  
*Nembrotha lineolata*

### Gymnodorididae

*Paliolla cooki*  
*Gymnodoris* sp. (white, tiny yellow spots)

### Dorididae

*Discodoris* cf. *concinna*  
*Discodoris* sp. (lilacina)  
*Discodoris* sp. (green)  
*Discodoris* sp. (cream, brown gills/  
rhizophore)  
*Discodoris palma*  
*Hoplodoris nodulosa*  
*Trippa intacta*  
*Apseudorhis varia*  
*Neodoris chrysoderma*  
*Rostanga* sp.  
*Rostanga* sp. (biege)  
*Rostanga bifurcata*  
*Jorunna* sp. (orange)  
*Jorunna* sp. (apricot)  
*Jorunna* sp. (cream)  
*Jorunna* sp.

*Hallaxa* cf. *indecora*

*Doris cameroni*

### Chromodorididae

*C. aureopururea*  
*C. albonares*  
*C.* sp.  
*C. collingwoodi*  
*C. daphne*  
*C. geometrica*  
*C. loringi*  
*C. splendida*  
*C. tasmaniesis*  
*C. hunterae*  
*C. verrieri*  
*C. woodwardae*  
*Glossodoris angasi*  
*G. atromarginata*

*Hypselodoris bennetti*  
*Hypselodoris* cf. *carnea*  
*Hypselodoris obscura*  
*Ceratosoma brevicaudatum*  
*Ceratosoma amoena*  
*Noumea sulphurea*  
*Mexichromis mariei*  
*Thorunna speciosa*

### Dendrodorididae

*Dendrodoris denisoni*  
*Dendrodoris nigra*  
*Dendrodoris* sp.  
?*Dendrodoris* sp. (apricot, white patches, brown gills)  
?*Dendrodoris* sp. (orange white patches, orange gills)  
*Doriopsilla peculiaris*  
*Doriopsilla* cf. *carneola*  
*Doriopsilla miniata*

### Flabellinidae

*Flabellina rubrolineata*  
*Flabellinia peonicia*

### Facelinidae

*Pteraeolidia ianthina*  
*Cratena lineata*  
*Phyllodesmium poindimiei*  
*Phyllodesmium* sp. (bright orange)  
*Phyllodesmium* sp. (tiny pale apricot)  
*Favorinus tsuruganus*  
*Austraeolis ornata*  
*Phidiana* sp. (like *P. indica*)

### Tergipedidae

*Cuthona* sp. (pink with gold tips)  
*Cuthona kuiteri*

### Aeolidiidae

*Aeolidiella indica*  
*Berghia* sp.

### Arminidae

*Dermatobranchus* sp.  
*Armina cygnea*

### Zephyrinidae

*Janolus* sp.  
*Caldukia affinis*

### Tritoniidae

*Marionia* sp.  
*Tritonia* sp. (white/underlying orange)  
*Tritonia* sp. (brown)  
*Tritonia* sp. (orange with white)  
*Tritonia* sp. (pale orange, some white areas)

### Bornelliidae

*Bornella stillifer*

### Hancockiidae

*Hancockia burni*

# Nudibranchs of the South Pacific – Update

A full copy including the new distribution notes is now available. The changes are highlighted in bold.

8A	Hexabranhidae	<i>Hexabranhus sanguineus</i>	<b>Riippell &amp; Leuckart, 1830</b>
8B	<b>Triophidae</b>	<i>Plocamorpherus imperialis</i>	<b>(Angas 1864)</b>
8C	<b>Triophidae</b>	<i>Plocamorpherus ceyonicus</i>	Kelaart, 1858
9A	<b>Triophidae</b>	<i>Kalopocamus sp.</i>	
9B	<b>Triophidae</b>	<i>Kalopocamus acutus</i>	<b>Baba, 1955</b>
9C	<b>Triophidae</b>	<i>Crimora lutea</i>	Baba, 1940
10A	Polyceridae	<i>Nembrotha <b>purpureolineata</b></i>	<b>O'Donoghue, 1924</b>
10B	Polyceridae	<i>Nembrotha <b>kubaryana</b></i>	Bergh, 1877
11A	Polyceridae	<i>Nembrotha <b>livingstonei</b></i>	<b>Allan, 1933</b>
12A	Polyceridae	<i>Tambja sp.</i>	
14A	<b>Triophidae</b>	<i>Limacia <b>ornata</b></i>	<b>(Baba, 1937)</b>
15B	Gymnodorididae	<i>Gymnodoris sp.</i>	
16C	Gymnodorididae	<i><b>Analogium amakusanum</b></i>	<b>Baba, 1996</b>
17B	<b>Goniodorididae</b>	<i>Okenia pellucida</i>	Burn 1967
17C	<b>Goniodorididae</b>	<i>Okenia sp.</i>	
18A	<b>Goniodorididae</b>	<i>Trapania brunnea</i>	Rudman, 1987
18B	<b>Goniodorididae</b>	<i>Trapania aurata</i>	Rudman, 1987
19B	Dorididae	<i>Kentrodoris rubescens</i>	<b>(Bergh, 1876)</b>
21A	Dorididae	<i><b>Rostanga calumus</b></i>	<b>Rudman &amp; Avern, 1989</b>
21B	<b>Actinocyclusidae</b>	<i>Actinocyclus japonicus</i>	(Eliot, 1913)
22B	Dorididae	<i><b>Platydoris sp.</b></i>	
23A	Dorididae	<i><b>Discodoris fragilis</b></i>	(Alder & Hancock, 1864)
23B	Dorididae	<i><b>Discodoris sp.</b></i>	
24A	Dorididae	<i><b>Aphelodoris sp.</b></i>	
25C	Dorididae	<i><b>Halgerda sp.</b></i>	
26B	Dorididae	<i><b>Halgerda sp.</b></i>	
28B	Chromodorididae	<i><b>Chromodoris sp.</b></i>	
29B	Chromodorididae	<i><b>Chromodoris tinctoria</b></i>	<b>(Ruppell &amp; Leuckart, 1830)</b>
31B	Chromodorididae	<i><b>Chromodoris elisabethina</b></i>	Bergh, 1877
31C	Chromodorididae	<i><b>Hypselodoris bullockii</b></i>	(Collingwood, 1881)
32C	Chromodorididae	<i><b>Chromodoris sp.</b></i>	
33C	Chromodorididae	<i><b>Hypselodoris nigrostriata</b></i>	<b>(Eliot, 1904)</b>
35A	Chromodorididae	<i><b>Chromodoris roboi</b></i>	<b>Gosliner &amp; Behrens, 1998</b>
37A	Chromodorididae	<i>Glossodoris rufomarginata</i>	<b>(Bergh, 1890)</b>
38B	Chromodorididae	<i><b>Glossodoris stellata</b></i>	Rudman, 1986
39A	Chromodorididae	<i><b>Glossodoris cruenta</b></i>	Rudman, 1986
47B	Phyllidiidae	<i><b>Phyllidiella pustulosa</b></i>	<b>(Cuvier, 1804)</b>
47C	Phyllidiidae	<i><b>Phyllidiopsis loricata</b></i>	Bergh, 1873
48A	Phyllidiidae	<i><b>Phyllidiella sp.</b></i>	
48B	Phyllidiidae	<i>Phyllidiopsis straita</i>	<b>(Bergh, 1888)</b>
49A	Phyllidiidae	<i><b>Reticulidia halgerda</b></i>	<b>Brunckhorst &amp; Burn in Brunckhorst 1990</b>
49B	Phyllidiidae	<i><b>Reticulidia fungia</b></i>	<b>Brunckhorst &amp; Gosliner in Brunckhorst 1993</b>
50B	Flabellinidae	<i><b>Flabellina exoptata</b></i>	<b>Gosliner &amp; Willan 1991</b>
51A	Flabellinidae	<i><b>Flabellina sp.</b></i>	
51B	<b>Aeodidiidae</b>	<i><b>Protaeolidea juliae</b></i>	<b>(Burn, 1966)</b>
52B	<b>Aeodidiidae</b>	<i>Cereberilla ambonensis</i>	Bergh, 1905
52C	<b>Facelinidae</b>	<i>Pteraeolidida ianthina</i>	(Angas, 1864)
54A	<b>Facelinidae</b>	<i><b>Phyllidesmium briareum</b></i>	<b>(Bergh, 1896)</b>
54B	<b>Facelinidae</b>	<i><b>Phyllidesmium crypticum</b></i>	Rudman, 1981
54C	<b>Facelinidae</b>	<i><b>Phyllidesmium colemani</b></i>	Rudman 1991
55A	<b>Facelinidae</b>	<i><b>Phyllidesmium poindimiei</b></i>	<b>(Risbec, 1928)</b>
55B	<b>Facelinidae</b>	<i><b>Phyllidesmium serratum</b></i>	<b>(Baba, 1949)</b>
55C	<b>Facelinidae</b>	<i><b>Phyllidesmium magnum</b></i>	Rudman, 1991
57B	Arminidae	<i><b>Dermatobranchus sp.</b></i>	
58B	<b>Zephyrinidae</b>	<i><b>Janolus sp.</b></i>	
58C	Tritoniidae	<i><b>Tritonia sp.</b></i>	
59A	Tritoniidae	<i><b>Tritonia sp.</b></i>	
59B	Tritoniidae	<i><b>Marioniopsis sp.</b></i>	
60C	<b>Tritoniidae</b>	<i>Marianina rosea</i>	(Pruvot-Fol, 1930)
61A	Dotidae	<i><b>Doto sp.</b></i>	

*Dr Richard Willan revised and updated information in this book in June 1998. New distribution details were also included.*

*Thanks to Neville Coleman for loaning me his personal copy.*

## Now available:

*Nudibranchs of the South Pacific Vol 1.*  
*Neville Coleman*  
 \$15 (Aus) plus postage including the fully updated information sheet.

[Email](#) for payment and delivery details.



# Book Review

## Nudibranchs and Sea Snails Indo Pacific Field Guide

Helmut Debilius

321 pages. Hard back

2nd Edition published 1998.

RRP. \$59.95 (Aus) plus postage.

This guide covers the gastropods of the Indo-Pacific from South Africa and the Red Sea in the west to the America's in the east. It is rich in colour & interesting details with over 1000 colour photographs of these fascinating animals in their natural setting.

As well as the nudibranchs and related opisthobranchs, abalone, cones, myx, allied cowries, true cowries, conches, and the other snails are covered.

It is well laid out and easy to browse. Each of the photographs contain information on length, distribution and general comments.

It is a welcome addition to the library of any diver, marine naturalist or shell collector. Rarely is a book available that graphically covers the marine gastropods so colourfully.

This, the second edition, contains updates and corrections to the 1996 edition. Many recently described species are correctly named and several new species are included. The new photos are - 16b, 20a, 82b, 82c, 89c, 100a, 106c, 129c, 140a, 180b=old 194a, 184c, 186c, 194a, 215a, 218b, 239c, 246c, 258c, 302c, 305c.

The index has not been updated to reflect the changes. The systematic table also contains inaccuracies.

For those unfamiliar with the Gastropod family this book is a colourful photographic expose.

*Thanks to Helmut Debilius for providing the review copy via his Australian resellers: Mountain Ocean & Travel Publications.*

Now available

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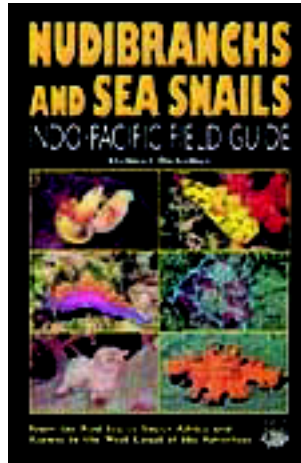
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URL: <http://www.seachallengers.com/>



# Contacts

## Web Sites

[Mike Miller's Slug Site](#)

A great reference site, a must see

[Australian Museum's Sea Slug Forum](#)

Bill Rudman's site

[The Okinawa Slug Site](#)

Another site to visit regularly

[Sherif's Malaysian Slug Site](#)

A site for Malaysian nudibranchs

[New Zealand Nudibranch Site](#)

Ian Skipworth's site

[Steve Long's Opisthobranch Site](#)

Don't miss this page, great links.

[Photos by Wayne Ellis](#)

Erwin Kohler provides space for my photos

[Bernard Picton's Nudibranch Site](#)

Great nudibranch information section

[Mediterranean Slug Site](#)

Erwin Kohler's Site

[German Slug Site](#)

Wolfgang Seifarth's site

[Bibliographia Nudibranchia](#)

Gary McDonald's nudibranch database site

## Books on the Web

[Capricornica Publication](#)

Patty Jansen's natural history book site

[Sea Challengers](#)

Dave & Diana Behrens's marine books site

[Oceans Enterprises](#)

Peter Stone's diving related book site

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Books, videos and CD,s relating to the marine environment in Townsville Qld Aust.

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