

CHECKLIST OF FREE-LIVING MARINE NEMATODES FROM AUSTRALIA, MACQUARIE ISLAND AND HEARD ISLAND

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A checklist is provided of all records of free-living marine nematodes from Australia together with the locality from which each was recorded and the relevant references. Species are listed using the current available name and 263 species are recorded here in 119 genera belonging to 38 families.

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The free-living marine nematode fauna of Australia has been little studied but recent collections have shown that it is extremely rich in species (H. Platt pers. comm., W. Nicholas unpubl. results). It is clear that there is a need for considerable work on the taxonomy of the group based on surveys of the fauna of different regions and habitats in Australia. Since most genera of marine free-living nematodes appear to be cosmopolitan in distribution, keys to genera produced overseas are useful and relevant to the Australian fauna. For instance pictorial keys published overseas by Tarjan (1980) and Platt & Warwick (1983) and a recently developed computer key devised by Tarjan are relevant. However these keys need to be given an Australian emphasis by the publication of records of genera from Australia and of lists of the genera likely to be found in different habitats. Consequently it was decided to collect all previously published records so that information on the taxa already known was easily accessible. Only those species collected in or near Australian coasts have been included and no attempt has been made to list species from other Antarctic, Subantarctic or Pacific sublittoral localities.

The earliest collections were described by Cobb (1883, 1894, 1898, 1920), Irwin-Smith (1917) and Allgen (1927, 1929, 1930, 1951a, b). More recently Mawson (1953, 1957, 1958), and Inglis (1967, 1969, 1970, 1971) have worked in Australia on the fauna. Further species have been described by Decraemer (1974; 1975a, b, c, d, e; 1976; 1977 a, b; 1978 a, b, c; 1979), Decraemer & Coomans (1978 a, b), Nicholas & Stewart (1984), Stewart & Nicholas (1986) and Riemann (1986), while Hodda & Nicholas (1985, 1986a, b) have published new records of genera in most cases without identifying to species. A list of the type species in the South Australian Museum has been published by Smales (1983) although this list is not comprehensive.

The first checklist of marine free-living nematodes for Australia was produced by Johnston (1938) who listed 49 species in 33 genera and 20 families. He recorded some genera and families without described species from Australia. In the present list 263 species are recorded belonging to 119 genera in 38 families. This is only a slightly more than the number of species and genera collected from a single locality off the Tasmanian coast which contained many undescribed species and some new genera (H. Platt & K. Martin pers. comm.) so that it is certain that this list represents only a small part of the whole Australian fauna.

The recent revision of the higher classification of Lorenzen (1981) has been followed and the families are listed in the order in which he places them. For the Monhysteridae, the combinations of Jacobs (1987) have been followed. Species are listed in alphabetical order within genus, and genera are placed in alphabetical order within each family. A species is listed under the most acceptable recent name and a synonymy and list of names in earlier usage is provided if this relates to publications on Australian faunas. It was not considered necessary to give a complete world synonymy as this can be found in Gerlach & Riemann's (1973) exhaustive treatment of the group. Australian distribution records are given in full where known, together with a reference to the relevant publication. The record of Hyman I. quoted by Decraemer is believed to be Hayman Island and has been changed to the correct spelling throughout. Also there are inconsistencies in the spelling of Nympha or Nymph 1.; the former spelling is used here. Records of species in Australia published here for the first time are marked with an asterisk. It must be noted also that Allgen's records should be treated with caution because his descriptions and identifications are in some instances unreliable and little material was retained. Non-Australian records have not been

included since they are available for records up to 1973 in Gerlach & Riemann (1984) and species described since that date are, probably without exception, only known from Australia.

All species included in the list are free-living and either from marine or brackish habitats. Records of genera without described species in Australia are given at the end of the species list.

CHECKLIST

Adenophorea

Chromadoridae

Actinonema longicaudatum (Steiner 1918)

Lizard I. Q., Decraemer & Coomans 1978a, b.

Atrochromadora denticulata Wieser & Hopper 1967

Lizard I. Q., Decraemer & Coomans 1978a; Davies Reef Q., Alongi 1986.

Atrochromadora microlaima (de Man 1889)

= *Chromadora microlaima* de Man 1889

= *Chromadorina microlaima* (de Man 1889).
Tas., Allgen 1927; Port Jackson N.S.W., Allgen 1951a.

Atrochromadora parva (de Man 1893)

= *Spiliphora parva* de Man 1893.

Tas., Allgen 1927. (Tasmanian record not in Gerlach & Riemann 1973.)

Austranema alii (Murphy 1965)

Shark Bay W.A., Inglis 1969.

Austranema pectinatum (Wieser & Hopper 1967)

Lizard I. Q., Decraemer & Coomans 1978a.

Chromadora macrolaima de Man 1889

= *Chromadorina macrolaima* (de Man 1889).

Tas., Allgen 1927.

Chromadora macrolaimoides Steiner 1915

Tas., Allgen 1927. Lizard I. Q., Decraemer & Coomans 1978a.

Chromadora nudicapitata Bastian 1865

= *Chromadora siciliana* Wieser 1954.

Lizard I. Q., Decraemer & Coomans 1978a.

Chromadorella filiformis (Bastian 1865)

Port Jackson N.S.W., Allgen 1951a.; Davies Reef Q., Alongi 1986.

Chromadorina germanica (Butschli 1874)

= *Chromadora minor* Cobb 1894.

Port Jackson N.S.W., Cobb 1894.

Chromadorina pacifica (Allgen 1947)

= *Chromadora pacifica* Allgen 1947.

Port Jackson N.S.W., Allgen 1951a.

Chromadorita minor (Allgen 1927)

= *Hypodontolaimus minor* Allgen 1927.

Tas., Allgen 1927.

Dichromadora apapillata Timm 1961

Lizard I. Q., Decraemer & Coomans 1978a.

Dichromadora geophila (de Man 1876)

Lizard I. Q., Decraemer & Coomans 1978a.

Euchromadora eileenae Inglis 1969

Radar Reef, Strickland Bay, Rottneest I., Shark Bay, Cheyne Beach, nr Albany W.A., Inglis 1969.

Euchromadora striata (Eberth 1963)

Rottneest I., nr Albany, Cape Leeuwin W.A., Inglis 1969.

Graphonema georgel Inglis 1969

Albany W.A., Inglis 1969.

Graphonema vulgare (*vulgaris* ?) Cobb 1898

Australian coasts N.S.W., Vic., Cobb 1898.

Graphonema amokurae (Ditlevsen 1921)

= *Euchromadora amokurae* (Ditlevsen 1921).

Port Jackson N.S.W., Allgen 1951a.

Neochromadora apud tecta Gerlach 1951

Lizard I. Q., Decraemer & Coomans 1978a; Davies Reef Q., Alongi 1986.

Neochromadora wallini (Allgen 1927)

= *Chromadora wallini* Allgen 1927.

Tas., Allgen 1927.

Parapinnanema wilsoni Inglis 1969

Cape Leeuwin, Geographe Bay W.A., Inglis 1969.

Prochromadorella conicaudata (Allgen 1927)

= *Chromadora conicaudata* Allgen 1927.

Tas., Allgen 1927.

Prochromadorella ditlevseni (de Man 1922)

Lizard I. Q., Decraemer & Coomans 1978a.

Prochromadorella paramucrodonta (Allgen 1929)

= *Chromadora paramucrodonta* Allgen 1929.

Macquarie I., Allgen 1929; Port Jackson N.S.W., Allgen 1951a.

Lizard I. Q., Decraemer & Coomans 1978a;

Davies Reef Q., Alongi 1986.

Ptycholaimellus lizardiensis Decraemer & Coomans 1978

Lizard I. Q., Decraemer & Coomans 1978a, b.

Ptycholaimellus slacksmithi (Inglis 1969)

= *Hypodontolaimus slacksmithi* Inglis 1969.

Shark Bay, Cowaramup Bay W.A., Inglis 1969.

Spiliphora dolichura de Man 1893

Port Willunga, Brighton S.A., Mawson 1957.

Spilophorella campbelli Allgen 1928.

Port Jackson N.S.W., Allgen 1951a.

Spilophorella paradoxa (de Man 1888)

Lizard I. Q., Decraemer & Coomans 1978a; Davies Reef Q., Alongi 1986.

Spilophorella tasmaniensis Allgen 1927

Tas., Allgen 1927.

Steineridora loricata (Steiner 1916)

= *Spiliphora loricata* Steiner 1916 (or *Spilophora* Johnston 1938)

= *Euchromadora loricata* (Steiner 1916).

Tas., Allgen 1927; Port Jackson N.S.W., Allgen 1951a.

Ethmolaimidae

Ethmolaimus multipapillatus Paramonov 1926

Lizard I. Q., Decraemer & Coomans 1978a.

Neotonchidae

Neotonchus apud melotridus Wieser & Hopper 1966

Lizard I. Q., Decraemer & Coomans 1978a.

Cyatholaimidae

Acanthonchus viviparus Cobb 1920

= *Seuratiella pedroensis* Allgen 1947.

Port Jackson N.S.W., Allgen 1951a.

Longicyatholaimus heterurus (Cobb 1898)

= *Cyatholaimus heterurus* Cobb 1898.

Port Jackson N.S.W., Cobb 1898.

Longicyatholaimus minor (Cobb 1898)

= *Cyatholaimus minor* Cobb 1898.

Port Jackson N.S.W. Cobb 1898.

Longicyatholaimus trichurus (Cobb 1898)

= *Cyatholaimus trichurus* Cobb 1898.

Port Jackson N.S.W., Cobb 1898.

Metacyatholaimus brevicollis (Cobb 1898)

= *Cyatholaimus brevicollis* Cobb 1898.

Port Jackson N.S.W., Cobb 1898.

Paracanthonchus caecus (Bastian 1865) (as *coecus* in Allgen 1951a)

Port Jackson N.S.W., Allgen 1951a.

Paracanthonchus cheynei Inglis 1970

Cheyne Beach, Radar Reef, Rottneest I. W.A., Inglis 1970.

Paracanthonchus hartogi Inglis 1970

Shark Bay W.A., Inglis 1970.

Paracanthonchus kartanum (Mawson 1953)

= *Harveyjohnstonia kartanum* Mawson 1953.

Pennington Bay, Kangaroo I. S.A., Mawson 1953; Cheyne Beach, Goode Beach, Hall's Head, Bunker Bay W.A., Inglis 1970.

Paracanthonchus margaretae Inglis 1970

Cheyne Beach, Windy Harbour, Bunker Bay, Cape Naturalist W.A., Inglis 1970.

Paracanthonchus parahartogi Decraemer & Coomans 1978

Lizard I. Q., Decraemer & Coomans 1978a, b.

Paracanthonchus paramacrodon Allgen 1947

Port Jackson N.S.W., Allgen 1951a.

Paracyatholaimus exilis (Cobb 1898)

= *Cyatholaimus exilis* Cobb 1898.

Port Jackson N.S.W., Cobb 1898.

Paracyatholaimus proximus (Bütschli 1874)

= *Cyatholaimus proximus* Bütschli 1874.

Tas., Allgen 1927.

Praeacanthonchus cygnis Inglis 1970

Woodman's Point, Freemantle W.A., Inglis 1970.

Xyzzors inglisi Wieser & Hopper 1967

Lizard I. Q., Decraemer & Coomans 1978a.

Selachinematidae = Choniolaimidae

Halichoanolaimus australis Cobb 1898

Port Jackson N.S.W., Cobb 1898.

Halichoanolaimus ovalis Ditlevsen 1921

Edithburg S.A., Mawson 1957.

Halichoanolaimus quattuordecimpapillatus Chitwood 1951

Lizard I. Q., Decraemer & Coomans 1978a, b.

Halichoanolaimus robustus (Bastian 1865)

Outer Harbour, Port Adelaide S.A., Mawson 1957.

Desmodoridae

Acanthopharynx distechei Decraemer & Coomans 1978

Lizard I. Q., Decraemer & Coomans 1978a, b.

Desmodora (Pseudochromadora) cazca Gerlach 1956

Hunter R., Fullerton Cove N.S.W., Hodda & Nicholas 1985, 1986a, b.

Desmodora (Croconema) cincta (Cobb 1920)

Lizard I. Q., Decraemer & Coomans 1978a.

Desmodora (Zalonema) megalosoma Steiner 1918

Lizard I. Q., Decraemer & Coomans 1978a.

Laxus longus Cobb 1894

Port Jackson N.S.W., Cobb 1894.

Metachromadora (M.) clavata Gerlach 1957

Lizard I. Q., Decraemer & Coomans 1978a.

Onyx apud perfectus Cobb 1891

Lizard I. Q., Decraemer & Coomans 1978a.

Paradesmodora campbelli (Allgen 1932)

Lizard I. Q., Decraemer & Coomans 1978a; Davies Reef Q., Alongi 1986.

Pseudonchus jenseni Murphy 1964

Bobbin Head N.S.W., Murphy 1964.

Spirinia (S.) laevioides Gerlach 1963

Lizard I. Q., Decraemer & Coomans 1978a.

Spirinia similis (Cobb 1898)

= *Spira similis* Cobb 1898.

Port Jackson N.S.W., Cobb 1898.

Draconematidae

Draconema falcatum (Irwin-Smith 1918)

= *Chaetosoma falcata* Irwin-Smith 1918.

Sydney and environs N.S.W., Irwin-Smith 1918.

Draconema haswelli (Irwin-Smith 1918)

= *Chaetosoma haswelli* Irwin-Smith 1918.

Sydney and environs N.S.W., Irwin-Smith, 1918.

Notochaetosoma cryptocephalum Irwin-Smith 1918

Sydney and environs N.S.W., Irwin-Smith 1918.

Notochaetosoma tenax Irwin-Smith 1918

Sydney and environs N.S.W., Irwin-Smith 1918.

Microalaimidae

Acanthomicroalaimus jenseni Stewart & Nicholas 1987

Broulee beach N.S.W. Stewart & Nicholas 1987.

Microalaimus problematicus Allgen 1932

Lizard I. Q., Decraemer & Coomans 1978a.

Microalaimus capillaris Gerlach 1957

Clyde River N.S.W. Jensen (in press).

Leptolaimidae*Camacolaimus exilis* (Cobb 1920)

Lizard I. Q., Decraemer & Coomans 1978a.

Paraphanolaimus anisitsi (Daday 1905)

Lizard I. Q., Decraemer & Coomans 1978a

Plectidae*Plectus longicaudatus* Butschli 1873

Lizard I. Q., Decraemer & Coomans 1978a.

Teratocephalidae*Euteratocephalus palustris* (De Man 1880)

Lizard I. Q., Decraemer & Coomans 1978a.

Monhysteridae*Geomonhystera australis* (Cobb 1893)= *Monhystera australis* Cobb 1893.

Port Jackson N.S.W., Cobb 1893.

Monhystrella gracilis Khera 1966= *Monhystrella apud gracilis* Khera 1966.

Lizard I. Q., Decraemer & Coomans 1978a.

Monhystrella marina Timm 1964

Lizard I. Q., Decraemer & Coomans 1978a.

Thalassomonhystera diplops (Cobb 1894)= *Monhystera diplops* Cobb 1894.

Port Jackson N.S.W., Cobb 1894.

Thalassomonhystera tasmaniensis (Allgen 1927)= *Monhystera tasmaniensis* Allgen 1927.

Tas., Allen 1927.

Xyalidae*Daptonema australis* (Allgen 1951)= *Theristus australis* Allgen 1951, *sp. inq.* Lorenzen 1977.

Port Jackson N.S.W., Allgen 1951a.

Daptonema lata (Cobb 1894)= *Cylindrotheristus latus* (Cobb 1894)= *Monhystera lata* Cobb 1894, *sp. inq.* Lorenzen 1977.

Port Jackson N.S.W., Cobb 1894.

Daptonema setosa (Butschli 1874)= *Mesotheristus setosus* Butschli 1874, *syn.* Lorenzen 1977= *Monhystera gracillima* Cobb 1894,

Neutral Bay, Port Jackson N.S.W., Cobb 1894.

Rhynchonema cinctum Cobb 1920

Davies Reef Q., Alongi 1986.

Steineria apud ampullacea Wieser & Hopper 1967

Lizard I. Q., Decraemer & Coomans 1978a.

Steineria pulchra Mawson 1957

Outer Harbour, Encounter Bay S.A., Mawson 1957.

Steineria setosissima (Cobb 1894)= *Monhystera setosissima* Cobb 1894.

Port Jackson N.S.W., Cobb 1894.

Theristus brevicollis (Cobb 1894)= *Monhystera brevicollis* Cobb 1894,

Port Jackson N.S.W., Cobb 1894.

Theristus (Penzancia) flevensis Stekhoven 1935

Lizard I. Q., Decraemer & Coomans 1978a;

Davies Reef Q., Alongi 1986 *lapsus flavis*.*Theristus interstitialis* Warwick 1970

Fullerton Cove, Hunter River N.S.W., Hodda & Nicholas 1985, 1986a, b.

Theristus macquariensis (Allgen 1929)= *Monhystera macquariensis* Allgen 1929, *sp. incertae sedis* Jacobs 1987.

Macquarie I., Allgen 1929.

Theristus (Penzancia) metaflavensis Gerlach 1955

Lizard I. Q., Decraemer & Coomans 1978a.

Theristus pacificus (Johnston 1938)= *Monhystera pacifica* Johnston 1938= *Monhystera australis* Cobb 1894.

Port Jackson, N.S.W., Cobb 1893.

Theristus quadripapillatus Decraemer & Coomans 1978

Lizard I. Q., Decraemer & Coomans 1978a, b; Davies Reef Q., Alongi 1986.

Sphaerolaimidae*Sphaerolaimus hirticollis* Cobb 1898

Port Jackson N.S.W., Cobb 1898.

Sphaerolaimus papillatus Kreis 1929

Clyde R. Estuary N.S.W., Nicholas, Goodchild & Stewart 1987.

Desmoscolecidae*Desmolorenzenia cooleni* Decraemer 1978

Low I., Great Barrier Reef Q., Decraemer 1978b.

Desmolorenzenia crassicauda (Timm 1970)

Lizard I. Q., Decraemer 1977a.

Desmoscolex asetosus Decraemer 1975

800 m W of Lizard I., Nympe I. Q., Decraemer 1975b.

Desmoscolex australicus Decraemer 1975

Yonge Reef Q., Decraemer 1975e.

Desmoscolex brevisetosus Decraemer 1974

Nympe I., Lizard I. Q., Decraemer 1974.

Desmoscolex deconincki Decraemer 1975

Nympe I., Yonge Reef Q., Port Jackson N.S.W., Decraemer 1975c.

Desmoscolex dimorphus Decraemer 1974

800 m W of Lizard I., Yonge Reef, Nympe I. Q., Decraemer 1974a.

Desmoscolex falcatus Lorenzen 1972

Lizard I., Yonge Reef Q., Decraemer 1975e.

Desmoscolex geraerti Decraemer 1974

Yonge Reef Q., Decraemer 1974a.

Desmoscolex gerlachi Timm 1970

Lizard I. Q., Decraemer 1975e.

Desmoscolex granulatus Decraemer 1975

Yonge Reef, Lizard I. Q., Decraemer 1975a.

Desmoscolex laevis Kreis 1928

Nympe I., Yonge Reef, Lizard I. Q., Decraemer 1975a, Decraemer & Coomans 1978a.

- Desmoscolex leptus* Steiner 1916
1 km behind Yonge Reef Q., Decraemer 1975b.
- Desmoscolex longisetosus* Timm 1970
Yonge Reef Q., Decraemer 1975c.
- Desmoscolex membranatus* Decraemer 1975
800 m W of Lizard I., Nympe I., between One Tree I. and Wistari Reef Q., Decraemer 1975e.
- Desmoscolex minutus* Claparede 1863
Nympe I. Q., Decraemer 1975a.
- Desmoscolex nudus* Chitwood 1951
800 m W of Lizard I., Decraemer 1975b.
- Desmoscolex nymphianus* Decraemer 1974
Nympe I. Q., Decraemer 1974a.
- Desmoscolex paraleptus* Decraemer 1975
Yonge Reef Q., Decraemer 1975b.
- Desmoscolex rudolfi* Steiner 1916
Broulee N.S.W., det. W. Decraemer, 1986.
- Desmoscolex yongei* Decraemer 1975
Yonge Reef Q., Decraemer 1975e.

Meyliidae

- Desmotimmia mirabilis* (Timm 1961)
Yonge Reef, Lizard I., Three Isles, between Cairns and Hayman I. Q., Decraemer 1975d.
- Quadricoma cobbi* (Steiner 1916)
Between Cairns and Hayman I., Lizard I. Q., Decraemer 1978a.
- Quadricoma crassicomoides* Timm 1970
Lizard I., Nympe I. Q., Decraemer 1978a.
- Quadricoma freudenhaimer* Decraemer 1977
800 m W of Lizard I. Q., Decraemer 1977b.
- Quadricoma lizardiensis* Decraemer 1977
800 m W of Lizard I. Q., Decraemer 1977b.
- Quadricoma noffsingeri* Decraemer 1977
Three Isles, Lizard I., between One Tree I. and Wistari Reef, between Cairns and Hayman I. Q., Decraemer 1977b.
- Quadricoma papillata* Decraemer 1977
800 m W of Lizard I., Three Isles, between Cairns and Hayman I. Q., Decraemer 1977b.
- Quadricomoides alleni* Decraemer 1976
Lizard I., Nympe I., Three Isles, Yonge Reef Q., Decraemer 1976.
- Quadricomoides coomansi* Decraemer 1976
Between Cairns and Hayman I. Q., Decraemer 1976.
- Quadricomoides pedunculata* Decraemer 1976
Yonge Reef, between Cairns and Hayman I. Q., Decraemer 1976.
- Prototricoma dherdei* Decraemer 1978
Between Cairns and Hayman I. Q., Decraemer 1978b.
- Tricoma aculeata* Decraemer 1978c
Yonge Reef Q., Decraemer 1978c.
- Tricoma absidata lizardiensis* Decraemer 1979
Lizard I. Q., Decraemer 1979.
- Tricoma allgeni* Decraemer 1978
Yonge Reef Q., Decraemer 1978c.

- Tricoma brevirostris* (Southern 1914)
Yonge Reef Q., Decraemer 1978c.
- Tricoma brevispicula* Decraemer 1978
Yonge Reef Q., Decraemer 1978c.
- Tricoma dimorpha* Decraemer 1978
Yonge Reef Q., Decraemer 1978c.
- Tricoma fisheri* Timm 1970
Between One Tree I. and Wistari Reef Q., Decraemer 1978c.
- Tricoma goldeni* Decraemer 1978
Yonge Reef Q., Decraemer 1978c.
- Tricoma haplostoma* Decraemer 1978
Yonge Reef Q., Decraemer 1978c.
- Tricoma hopperi australiensis* Decraemer 1978
Yonge Reef Q., Decraemer 1978c.
- Tricoma longispicula* Decraemer 1978
Yonge Reef Q., Decraemer 1978c.
- Tricoma pachycephala* Decraemer 1978
800 m W of Lizard I. Q., Decraemer 1978c.
- Tricoma platapophysa* Decraemer 1978
Yonge Reef Q., Decraemer 1978c;
Broulee N.S.W., det. W. Decraemer 1986.
- Tricoma riemanni* Decraemer 1978
Yonge Reef Q., Decraemer 1978c.
- Tricoma rostralis* Decraemer 1978
Lizard I., Decraemer 1978c.
- Tricoma septuaginta* Stekhoven 1942
Yonge Reef Q., Decraemer 1978c.
- Tricoma similis* Cobb 1912
Yonge Reef Q., Decraemer 1978c.
- Tricoma timmi* Decraemer 1978
800m W of Lizard I., Yonge Reef Q., Decraemer 1978c.

Siphonolaimidae

- Siphonolaimus purpureus* (Cobb 1894)
= *Chromagaster purpurea* Cobb 1894.
North Arm, Port Adelaide S.A., Cobb 1894.

Linhomoeidae

- Cryptolaimus pellucidus* Cobb 1933
North Arm, Port Adelaide S.A. Cobb 1933.
- Eleutherolaimus filicaudata* (Allgen 1929)
= *Monhystera filicaudata* Allgen 1929, sp. inq.
Jacobs 1987.
Davies Reef Q., Alongi 1986.
- Megadesmolaimus uncinatus* Gerlach 1963
Lizard I. Q., Decraemer & Coomans 1978a.
- Metalinhomoeus setosus* Chitwood 1951
Lizard I. Q., Decraemer & Coomans 1978a.
- Paralinhomoeus macquariensis* (Allgen 1929)
= *Linhomoeus macquariensis* Allgen 1929,
Macquarie I., Allgen 1929.
- Terschellingia exilis* Cobb 1898
Port Jackson N.S.W., Cobb 1898.
- Terschellingia longicaudata* de Man 1907
Hunter R., Fullerton Cove N.S.W., Hodda & Nicholas 1985, 1986a, b; Clyde R. Estuary

N.S.W., Nicholas, Goodchild & Stewart 1987;
Lizard I. Q., Decraemer & Coomans 1978a, b;
Davies Reef Q., Alongi 1986.

Axonolaimidae

Axonolaimus caudostratus Boucher 1973
Lizard I. Q., Decraemer & Coomans 1978a;
Davies Reef Q., Alongi 1986.
Nicascolaimus punctatus Riemann 1986
Kioloa Beach N.S.W., Riemann 1986.

Comesomatidae

Comesoma arenae Gerlach 1956
Bobbin Head N.S.W., Murphy 1964. (?syn.
'*Comesoma simile*' sensu Wieser 1954, Gerlach
& Riemann 1973).
Comesoma simile Cobb 1898 *lapsus similis*
Port Jackson N.S.W. Cobb 1898; Davies Reef
Q. Alongi 1986 *lapsus similis*.
Paracomesoma dubium (Filipjev 1918)
Lizard I. Q., Decraemer & Coomans 1978a, b;
Davies Reef Q., Alongi 1986.
Sabatieria heterura (Cobb 1898)
= *Comesoma heterura* Cobb 1898.
Port Jackson N.S.W., Cobb 1898; Davies Reef
Q., Alongi 1986.
Sabatieria filicauda Allgen 1951
37°5' S, 150°05' E Allgen 1951a.
Sabatieria jubata (Cobb 1898)
= *Comesoma jubatum* Cobb 1898 *lapsus jubata*.
Port Jackson N.S.W., Cobb 1898.
Sabatieria wieseri Platt 1985
Clyde R. Estuary N.S.W., Nicholas, Goodchild
& Stewart 1987.

Diplopeltidae

Araeolaimus elegans de Man 1888
= *Araeolaimus spectabilis* Ditlevsen 1921.
Tas., Allgen 1927.
Araeolaimus longicauda Allgen 1929
Port Jackson N.S.W., Allgen 1951a.

Enoplida

Enoplidae

Enoplus alpha Inglis 1971
Radar Reef, Stickland Bay, Rottnest I. W.A.,
Inglis 1971.
Enoplus heardensis Mawson 1958
Heard I., Mawson 1958.
Enoplus meridionalis Steiner 1921
= *Enoplus communis meridionalis* Steiner 1921.
Radar Reef, Stickland Bay, Rottnest I. W.A.,
Inglis 1971; Port Willunga S.A., Mawson 1953.
Enoplus michaelsoni Linstow 1896
Macquarie I., Mawson 1958.

Enoplus micrognathus Allgen 1947
Port Jackson N.S.W., Allgen 1951 a.
Enoplus paralittoralis Wieser 1953
Heard I., Macquarie I., Mawson 1958.

Thoracostomopsidae

Enoplolaimus disasteri Allgen 1951 (listed as
Enoplus by Allgen 1951a)
Disaster Bay, N.S.W., Allgen 1951a. *Incertae
sedis* (Wieser 1953).
Epacanthion brevispiculosum Mawson 1958
Macquarie I., Mawson 1958.
Epacanthion georgei Inglis 1971
Cowaramup Bay W.A., Inglis 1971.
Mesacanthion gracilisetosum (Allgen 1930)
= *Enoplolaimus gracilisetosus* Allgen 1930.
Macquarie I., Allgen 1930; Wata Muri N.S.W.,
Mawson 1953.
Mesacanthion kerguelense Mawson 1958
Heard I., Macquarie I., Mawson 1958.
Oxyonchus subantarcticus Mawson 1958
Macquarie I., Mawson 1958.

Anoplostomatidae

Anoplostoma campbelli Allgen 1932
Macquarie I., Mawson 1958.

Phanodermatidae

Paraphanoderma robynnae Inglis 1971
Bunker Bay, Geographe Bay W.A., Inglis 1971.
Phanoderma campbelli Allgen 1928
Port Jackson N.S.W., Allgen 1951a; Macquarie
I., Mawson 1958.
Phanoderma cocksi Bastian 1865
= *Phanoderma filipjevi* Micoletsky 1924.
Macquarie I., Mawson 1958.
Phanoderma ocellatum (Cobb 1920)
= '*Phanoderma mediterraneum*' nec Micoletzky
1923 sensu Allgen 1947.
Lizard I. Q., Decraemer & Coomans 1978a;
Port Jackson N.S.W., Allgen 1951a.
Phanoderma serratum Ditlevsen 1930
Goode Beach, Sarge Bay, Bunker Bay,
Geographe Bay W.A., Inglis 1971.
Phanoderma wieseri Mawson 1956
Macquarie I., Mawson 1958.

Anticomatidae

Anticoma acuminata Eberth 1863
= *Anticoma similis* Cobb 1898.
Port Jackson N.S.W., Cobb 1898; Allgen 1951a.
Outer Harbour, Brighton Beach S.A., Mawson
1957.
Anticoma campbelli Allgen 1932
Macquarie I., Mawson 1958.
Anticoma cobbi Inglis 1971
Hall's Head, Mandurah W.A. Inglis 1971.
Anticoma columba Wieser 1953

=*Anticoma australis* Mawson 1956.

Heard I., Macquarie I., Mawson 1958.

Anticoma lata Cobb 1898

Port Jackson N.S.W., Cobb 1898.

Anticoma subsimilis Cobb 1914

Heard I., Macquarie I., Mawson 1958.

Anticoma trichura Cobb 1898

Port Jackson N.S.W., Cobb 1898.

Platycomopsis gibbonensis (Mawson 1953)

=*Anticomopsis gibbonensis* Mawson 1953.

Port Gibbon N.S.W., Mawson 1953.

Ironidae

Thalassironus britannicus de Man 1889

Lizard I., Q., Decraemer & Coomans 1978a.

Thalassironus jungi Inglis 1964

Lizard I. Q., Decraemer & Coomans 1978a.

Trissonchulus oceanus Cobb 1920

Lizard I. Q., Decraemer & Coomans 1978a.

Leptosomatidae

Deontostoma antarcticum (Linstow 1892)

=*Thoracostoma antarcticum* (Linstow 1892).

Heard I., Macquarie I., Mawson 1958.

Deontostoma aucklandiae (Ditlevsen 1921)

=*Thoracostoma aucklandiae* Ditlevsen 1921.

Port Jackson N.S.W., Allgen 1951a.

Leptosomatides conisetosus Stekhoven & Mawson 1955

Macquarie I., Mawson 1958.

Leptosomatium arcticum Filipjev 1916

Heard I., Macquarie I., Mawson 1958.

Leptosomatium bacillatum (Eberth 1863)

Port Jackson N.S.W., Allgen 1951a.

Leptosomatium elongatum Bastian 1865

Port Jackson N.S.W., Allgen 1951a.

Leptosomatium micoletzkyi Inglis 1971

Cowaramup Bay W.A., Inglis 1971.

Leptosomatium sabangense Steiner 1915

=*Leptosomatium elongatum sabangense* Steiner 1915 (*lapsus sabangensis*).

Port Jackson N.S.W., Allgen 1951a.

Leptosomella phaustra Inglis 1971

Sarge Bay, Cape Leuwin W.A., Inglis 1971.

Thoracostoma angustifissulatum Mawson 1956.

Heard I., Macquarie I., Mawson 1958.

Thoracostoma anocellatum Stekhoven & Mawson 1955

Heard I., Macquarie I., Mawson 1958.

Thoracostoma arcticum Ssaveljev 1912

Macquarie I., Mawson 1958.

Thoracostoma australe Mawson 1953

Port Gibbon, Port Hacking, Wata Muri N.S.W., Mawson 1953.

Thoracostoma campbelli Ditlevsen 1921

Macquarie I., Heard I., Mawson 1958.

Thoracostoma coronatum (Eberth 1863)

37°5'S, 150°05'E.

Pseudocella panamaense (Allgen 1947)

=*Thoracostoma panamaense* Allgen 1947.

Macquarie I., S.A., Mawson 1958.

Pseudocella trichodes (Leuckart 1849)

=*Thoracostoma trichodes* (Leuckart 1849).

Port Jackson N.S.W., Allgen 1951a.

Oxystominidae

Halalaimus comatus Wieser 1953

Heard I., Macquarie I., Mawson 1958.

Halalaimus fletcheri Mawson 1958

Macquarie I., Mawson 1958.

Halalaimus macquariensis Mawson 1958

Macquarie I., Mawson 1958.

Nemanema campbelli (Allgen 1932)

=*Oxystomatina campbelli* Allgen 1932.

Macquarie I., Mawson 1958.

Oxystomina pellucida (Cobb 1898)

=*Oxystoma pellucidum* Cobb 1898 (*lapsus pellucida*).

Port Jackson N.S.W., Cobb 1898.

Oncholaimidae

Adoncholaimus crassicaudus Wieser 1953

Macquarie I., Mawson 1958.

Metoncholaimoides squalus Wieser, 1953.

Macquarie I., Mawson 1958.

Metoncholaimus brevispiculum Mawson 1957

Brighton S.A., Mawson 1957.

Metoncholaimus pristiurus (Z. Strassen 1894)

Port River, S.A., Mawson 1953.

Mononcholaimus tasmaniensis Allgen 1927

=*Mononcholaimus elegans tasmaniensis* Allgen 1927 (the nominate species is recorded in *Viscosia* by Platt & Warwick 1983.)

Tas., Allgen 1927.

Oncholaimus brachycercus de Man 1889

Lizard I. Q., Decraemer & Coomans 1978a.

Oncholaimus dujardini de Man 1876 (given as *dujardini* by Allgen 1951a)

Macquarie I., Mawson 1958; Port Jackson N.S.W., Allgen 1951a.

Oncholaimus leptos Mawson 1958

Heard I., Macquarie I., Mawson 1958.

Oncholaimus apud opisthonchus Filipjev 1927

Lizard I. Q., Decraemer & Coomans 1978a.

Oncholaimus paredron (Mawson 1958)

=*Oncholaimium paredron* Mawson 1958.

Macquarie I., Mawson 1958.

Oncholaimus paralangrunensis (Allgen 1947)

=*Viscosia paralangrunensis* Allgen 1947.

Port Jackson N.S.W., Allgen 1951a.

Oncholaimus viridis Bastian 1865

Tas., Allgen 1927; Port Jackson N.S.W., Allgen 1951a.

Pelagonema obtusicaudum Filipjev 1918 (given as *obtusicauda* by Allgen 1951a).

Port Jackson, Disaster Bay N.S.W., Allgen 1951a, b.

- Pelagonema tenue* Kreis 1928
Port Jackson N.S.W., Allgen 1951a.
- Pontonema cobbi* Mawson 1956
Macquarie I., Mawson 1958.
- Pontonema donsi* (Allgen 1932)
Lizard I. Q., Decraemer & Coomans 1978a.
- Pontonema hackingi* Mawson 1953
Port Hacking N.S.W., Mawson 1953.
- Pontonema leidy* Mawson 1956
Macquarie I., Mawson 1958.
- Pontonema serratodentatum* Mawson 1956
Heard I., Macquarie I., Mawson 1958.
- Prooncholaimus mawsonae* Inglis 1971
Aquarium, Perth W.A., Inglis 1971.
- Prooncholaimus megastoma* (Eberth 1863)
Outer Harbour S.A., Mawson 1957.
- Viscosia glabra* (Bastian 1865)
Port Jackson, Disaster Bay N.S.W., Allgen 1951a.
- Viscosia apud macramphida* Chitwood 1951
Lizard I. Q., Decraemer & Coomans 1978a;
Davies Reef Q., Alongi 1986.
- Viscosia pellucida* (Cobb 1898)
= *Oncholaimus pellucidus* Cobb 1898.
Port Jackson N.S.W., Cobb 1898.
- Viscosia wieseri* Mawson 1958
Macquarie I., Mawson 1958.
- Echelidiidae**
- Calyptronema mawsoni* Mawson 1958
Heard I., Macquarie I., Mawson 1958.
- Enchelidium brevicaudatum* Allgen 1947
Port Jackson N.S.W., Allgen 1951a.
- Eurystomina californica* (Allgen 1947)
= *Eurystomatina californicum* Allgen 1947
Port Jackson N.S.W., Allgen 1951a.
- Eurystomina eurylaima* (Ditlevsen, 1930)
= *Marionella eurylaima* Ditlevsen 1930.
Radar Reef, Strickland Bay, Rottneest I.,
Woodmans Point, Cockburn Sound W.A.,
Inglis 1971.
- Eurystomina fenestella* Weiser 1953
Heard I., Macquarie I., Mawson 1958.
- Eurystomina minutisculae* Chitwood 1951
Lizard I. Q., Decraemer & Coomans 1978a.
- Eurystomina ornata* (Eberth 1863)
= *Eurystomatina ornata* (Eberth 1863) (given as
ornatum by Allgen 1951a).
Port Jackson N.S.W., Allgen 1951a.
- Ledovitia fallae* Mawson 1958
Macquarie I., Mawson 1958.
- Polygastrophora hexabulba* (Filipjev 1918)
= *Bolbella pacifica* Ditlevsen 1930.
Port Jackson N.S.W., Allgen 1951a; Outer
Harbour, Brighton, Port Willunga, Port
Noarlunga S.A., Mawson 1957; Lizard I. Q.,
Decraemer & Coomans 1978a; Davies Reef Q.,
Alongi 1986.

- Symplocostoma tenuicolle* (Eberth 1863)
= *Enchelidium tenuicolle* Eberth 1863
= *Symplocostoma longicollis* Bastian 1865.
Tas., Allgen 1927; Port Jackson N.S.W., Allgen
1951a; Pennington Bay, Kangaroo I. S.A.,
Mawson 1953.
- Symplocostomella johnstoni* Mawson 1953
Point Gibbon N.S.W., Mawson 1953.

Tripyloididae

- Bathylaimus australis* Cobb 1894
Port Jackson N.S.W., Cobb 1894; Lizard I. Q.,
Decraemer & Coomans 1978a, b.
- Tripyla tenuicauda* Cobb 1893
Sydney N.S.W., Cobb 1893.

Tylenchida

Criconematidae

- Criconemella avicenniae* Nicholas & Stewart 1984
Hunter River Estuary N.S.W., Nicholas &
Stewart 1984, Hodda & Nicholas 1986b.
- Hemicriconemoides cocophilus* (Loof 1949)
Lizard I. Q., Decraemer & Coomans 1978a.

Rhabditidae

- Rhabditis marina* Bastian 1865
Guilderton Beach, Herald Bay, Moore Bay, Dick
Hartog I. W.A., Inglis 1961.

Tylenchidae

- Eutylenchus africanus* Sher, Corbett & Colbran
1966
Lizard I. Q., Decraemer & Coomans 1978a.

Dorylaimida

Nordliidae

- Enchodelus coomansi* Nicholas & Stewart 1984
Hunter and Clyde River Estuary N.S.W.,
Nicholas & Stewart 1984, Hodda & Nicholas
1986b.

Dorylaimidae

- Prodorylaimus apud depressus* Loof 1973
Lizard I. Q., Decraemer & Coomans 1978a.

Leptonchidae

- Proleptonchus saccatus* (Clark 1962)
Lizard I. Q., Decraemer & Coomans 1978a.

The following generic records new to Australia
were published by Johnston (1938) or Hodda &
Nicholas (1985, 1986, 1987) but without species
records:

Cyatholaimidae, *Pomponema*;

Desmodoridae, *Desmodorella*,
Metachromadoroides;
 Monoposthidae, *Nudora*;
 Molgolaaimidae, *Molgolaimus*;
 Leptolaaimidae, *Leptolaimus*, *Deontolaimus*;
 Haliplectidae, *Haliplectus*;
 Monhysteridae, *Diplolaaimella*, *Diplolaaimelloides*;
 Epsilonematidae, *Epsilonematina*;
 Draconematidae, *Drepanonema*;
 Desmoscolecidae, *Greeffella*;
 Xyalidae, *Retrotheristus*, *Filipjeva*,
Metadesmolaimus, *Amphymonhystera*;

Comesomatidae, *Hooperia*;
 Linhomoeidae, *Laimella*;
 Axonolaaimidae, *Parodontophora*;
 Diplopeltidae, *Diplopeltis*;
 Dorylaaimidae, *Labronema*;
 Oxystominidae, *Thalassolaimus*;
 Tylenchidae, *Tylenchus*.

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INDEX OF AVAILABLE SPECIES GROUP NAMES
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<i>australicus</i>	<i>Desmoscolex</i> 10	<i>diplops</i>	<i>Thalassomonhystera</i> 10
<i>australiensis</i>	<i>Tricoma</i> 11	<i>disasteri</i>	<i>Enoplolaimus</i> 12
<i>australis</i>	<i>Anticoma</i> 13	<i>distechei</i>	<i>Acanthopharynx</i> 9
<i>australis</i>	<i>Bathylaimus</i> 14	<i>ditlevseni</i>	<i>Prochromadorella</i> 8
<i>australis</i>	<i>Daptonema</i> 10	<i>dolichura</i>	<i>Spilophora</i> 8
<i>australis</i>	<i>Geomonhystera</i> 10	<i>donsi</i>	<i>Pontonema</i> 14
<i>australis</i>	<i>Halichoanolaimus</i> 9	<i>dubium</i>	<i>Paracomesoma</i> 12
<i>australis</i>	<i>Theristus</i> 10	<i>dujardinii</i>	<i>Oncholaimus</i> 13
<i>avicenniae</i>	<i>Criconemella</i> 14	<i>eileenae</i>	<i>Euchromadora</i> 8
<i>bacillatum</i>	<i>Leptosomatium</i> 13	<i>elegans</i>	<i>Araeolaimus</i> 12
<i>brachycercus</i>	<i>Oncholaimus</i> 13	<i>elongatum</i>	<i>Leptosomatium</i> 13
<i>brevicaudatum</i>	<i>Enchelidium</i> 14	<i>eurylaima</i>	<i>Eurystomina</i> 14
<i>brevicollis</i>	<i>Metacyatholaimus</i> 9	<i>exilis</i>	<i>Camacolaimus</i> 10
<i>brevicollis</i>	<i>Theristus</i> 10	<i>exilis</i>	<i>Paracyatholaimus</i> 9
<i>brevirostris</i>	<i>Tricoma</i> 11	<i>exilis</i>	<i>Terschellingia</i> 11
<i>brevisetosis</i>	<i>Desmoscolex</i> 10	<i>falcatum</i>	<i>Draconema</i> 9
<i>brevispicula</i>	<i>Tricoma</i> 11	<i>falcatus</i>	<i>Desmoscolex</i> 10
<i>brevispiculosum</i>	<i>Epacanthion</i> 12	<i>fallae</i>	<i>Ledovitia</i> 14
<i>brevispiculum</i>	<i>Metoncholaimus</i> 13	<i>fenestella</i>	<i>Eurystomina</i> 14
<i>britannicus</i>	<i>Thalassironus</i> 13	<i>filicauda</i>	<i>Sabatieria</i> 12
<i>caecus</i>	<i>Paracanthionchus</i> 9	<i>filicaudata</i>	<i>Eleutherolaimus</i> 11
<i>californica</i>	<i>Eurystomina</i> 14	<i>filiformis</i>	<i>Chromadorella</i> 8
<i>campbelli</i>	<i>Anoplostoma</i> 12	<i>filipjevi</i>	<i>Phanoderma</i> 12
<i>campbelli</i>	<i>Anticoma</i> 12	<i>fisheri</i>	<i>Tricoma</i> 11
<i>campbelli</i>	<i>Nemanema</i> 13	<i>fletcheri</i>	<i>Halalaimus</i> 13
<i>campbelli</i>	<i>Paradesmadora</i> 9	<i>freudenhammeri</i>	<i>Quadricoma</i> 11
<i>campbelli</i>	<i>Phanoderma</i> 12	<i>flevensis</i>	<i>Theristus</i> 10
<i>campbelli</i>	<i>Spilophorella</i> 8	<i>geophila</i>	<i>Dichromadora</i> 8
<i>campbelli</i>	<i>Thoracostoma</i> 13	<i>georgei</i>	<i>Epacanthion</i> 12
<i>capillaris</i>	<i>Microlaimus</i> 9	<i>georgei</i>	<i>Graphonema</i> 8
<i>caudostriatus</i>	<i>Axonolaimus</i> 11	<i>geraerti</i>	<i>Desmoscolex</i> 10
<i>cazca</i>	<i>Desmodora</i> 9	<i>gerlachi</i>	<i>Desmoscolex</i> 10
<i>cheynei</i>	<i>Paracanthionchus</i> 9	<i>germanica</i>	<i>Chromadorina</i> 8
<i>cincta</i>	<i>Desmodora</i> 9	<i>gibbonensis</i>	<i>Platycomopsis</i> 13
<i>cinctum</i>	<i>Rhynchonema</i> 10	<i>glabra</i>	<i>Viscosia</i> 14
<i>clavata</i>	<i>Metachromadora</i> 9	<i>goldeni</i>	<i>Tricoma</i> 11
<i>cobbi</i>	<i>Anticoma</i> 12	<i>gracillima</i>	<i>Daptonema</i> 10
<i>cobbi</i>	<i>Pontonema</i> 14	<i>gracilis</i>	<i>Monhyustrella</i> 10
<i>cobbi</i>	<i>Quadricoma</i> 11	<i>gracilisetosum</i>	<i>Mesacanthion</i> 12
<i>cocksii</i>	<i>Phanoderma</i> 12	<i>granulatus</i>	<i>Desmoscolex</i> 10
<i>cocophilus</i>	<i>Hemicriconemoides</i> 14	<i>hackingi</i>	<i>Pontonema</i> 14
		<i>hartogi</i>	<i>Paracanthionchus</i> 9

<i>haswelli</i>	<i>Draconema</i> 9	<i>nudicaptata</i>	<i>Chromadora</i> 8
<i>heardensis</i>	<i>Enoplus</i> 12	<i>nudus</i>	<i>Desmoscolex</i> 11
<i>heterura</i>	<i>Sabatieria</i> 12	<i>nymphianus</i>	<i>Desmoscolex</i> 11
<i>heterurus</i>	<i>Longicyatholaimus</i> 9	<i>obtusicaudum</i>	<i>Pelagonema</i> 13
<i>hexabulba</i>	<i>Polygastrophorura</i> 14	<i>oceanus</i>	<i>Trissonchulus</i> 13
<i>hirticollis</i>	<i>Sphaerolaimus</i> 10	<i>ocellatum</i>	<i>Phanoderma</i> 12
<i>hoplostoma</i>	<i>Tricoma</i> 11	<i>opisthonchus</i>	<i>Oncholaimus</i> 13
<i>inglisi</i>	<i>Xyzzors</i> 9	<i>ornata</i>	<i>Eurystomina</i> 14
<i>interstitialis</i>	<i>Theristus</i> 10	<i>ovalis</i>	<i>Halichoanolaimus</i> 9
<i>jenseni</i>	<i>Acanthomicrolaimus</i> 9	<i>pachycephala</i>	<i>Tricoma</i> 11
<i>jenseni</i>	<i>Pseudonchus</i> 9	<i>pacifica</i>	<i>Chromadorina</i> 8
<i>johnstoni</i>	<i>Symplocostomella</i> 14	<i>pacifica</i>	<i>Polygastrophora</i> 14
<i>jubata</i>	<i>Sabatieria</i> 12	<i>pacificus</i>	<i>Theristus</i> 10
<i>jungi</i>	<i>Thalassironius</i> 13	<i>palustris</i>	<i>Euteratocephalus</i> 10
<i>kartanum</i>	<i>Paracanthonchus</i> 9	<i>panamaense</i>	<i>Pseudocella</i> 13
<i>keruelense</i>	<i>Mesacanthion</i> 12	<i>papillata</i>	<i>Quadricea</i> 11
<i>laevioides</i>	<i>Spirinia</i> 9	<i>papillatus</i>	<i>Sphaerolaimus</i> 10
<i>laevis</i>	<i>Desmoscolex</i> 10	<i>paradoxa</i>	<i>Spilophorella</i> 8
<i>lata</i>	<i>Anticoma</i> 13	<i>parahartogi</i>	<i>Paracanthonchus</i> 9
<i>lata</i>	<i>Daptonema</i> 10	<i>paralangrunensis</i>	<i>Oncholaimus</i> 13
<i>leidyi</i>	<i>Pontonema</i> 14	<i>paraleptus</i>	<i>Desmoscolex</i> 11
<i>leptus</i>	<i>Oncholaimus</i> 13	<i>paralittoralis</i>	<i>Enoplus</i> 12
<i>leptus</i>	<i>Desmoscolex</i> 11	<i>paramacrodon</i>	<i>Paracanthonchus</i> 9
<i>lizardiensis</i>	<i>Ptycholaimellus</i> 8	<i>paramucrodonta</i>	<i>Prochromadorella</i> 8
<i>lizardiensis</i>	<i>Quadricea</i> 11	<i>paredron</i>	<i>Oncholaimus</i> 13
<i>lizardiensis</i>	<i>Tricoma</i> 11	<i>parva</i>	<i>Atrochromadora</i> 8
<i>longicauda</i>	<i>Araeolaimus</i> 12	<i>pectinatum</i>	<i>Austranema</i> 8
<i>longicaudata</i>	<i>Terschlingia</i> 11	<i>pedroensis</i>	<i>Acanthonchus</i> 9
<i>longicaudatus</i>	<i>Actinonema</i> 8	<i>pedunculata</i>	<i>Quadriceomoides</i> 11
<i>longicaudatus</i>	<i>Plectus</i> 10	<i>pellucida</i>	<i>Oxystomina</i> 13
<i>longisetosus</i>	<i>Desmoscolex</i> 11	<i>pellucida</i>	<i>Viscosia</i> 14
<i>longispicula</i>	<i>Tricoma</i> 11	<i>pellucidus</i>	<i>Cryptolaimus</i> 11
<i>longus</i>	<i>Laxus</i> 9	<i>perfectus</i>	<i>Onyx</i> 9
<i>loricata</i>	<i>Steineridora</i> 8	<i>phaustra</i>	<i>Leptosomella</i> 13
<i>macquariensis</i>	<i>Halalaimus</i> 13	<i>platapophysa</i>	<i>Tricoma</i> 11
<i>macquariensis</i>	<i>Paralinhomoeus</i> 11	<i>pristurus</i>	<i>Metoncholaimus</i> 13
<i>macquariensis</i>	<i>Theristus</i> 10	<i>problematicus</i>	<i>Microlaimus</i> 9
<i>macramphida</i>	<i>Viscosia</i> 14	<i>proximus</i>	<i>Paracyatholaimus</i> 9
<i>macrolaima</i>	<i>Chromadora</i> 8	<i>pulchra</i>	<i>Steineria</i> 10
<i>macrolaimoides</i>	<i>Chromadora</i> 8	<i>punctatus</i>	<i>Nicascolaimus</i> 12
<i>margaretae</i>	<i>Paracanthonchus</i> 9	<i>purpureus</i>	<i>Siphonolaimus</i> 11
<i>marina</i>	<i>Monhystrella</i> 10	<i>quadripapillatus</i>	<i>Theristus</i> 10
<i>marina</i>	<i>Rhabditis</i> 14	<i>quattuordecim-</i>	
<i>mawsonae</i>	<i>Prooncholaimus</i> 14	<i>pillatus</i>	<i>Halichoanolaimus</i> 9
<i>mawsoni</i>	<i>Calyptronema</i> 14	<i>riemanni</i>	<i>Tricoma</i> 11
<i>mediterraneum</i>	<i>Phanoderma</i> 12	<i>robustus</i>	<i>Halichoanolaimus</i> 9
<i>megalosoma</i>	<i>Desmodora</i> 9	<i>robynae</i>	<i>Paraphanoderma</i> 12
<i>megastoma</i>	<i>Prooncholaimus</i> 14	<i>rostralis</i>	<i>Tricoma</i> 11
<i>melotridus</i>	<i>Neotonchus</i> 9	<i>rudolphi</i>	<i>Desmoscolex</i> 11
<i>membranosus</i>	<i>Desmoscolex</i> 11	<i>sabangense</i>	<i>Leptosomatium</i> 13
<i>meridionalis</i>	<i>Enoplus</i> 12	<i>saccatus</i>	<i>Proleptonchus</i> 14
<i>metaflevisensis</i>	<i>Theristus</i> 10	<i>septuaginta</i>	<i>Tricoma</i> 11
<i>michaelseni</i>	<i>Enoplus</i> 12	<i>serratodentatum</i>	<i>Pontonema</i> 14
<i>micoletzkyi</i>	<i>Leptosomatium</i> 13	<i>serratum</i>	<i>Phanoderma</i> 12
<i>micrognathus</i>	<i>Enoplus</i> 12	<i>setosa</i>	<i>Daptonema</i> 10
<i>microlaima</i>	<i>Atrochromadora</i> 8	<i>setosissima</i>	<i>Steineria</i> 10
<i>minutisculae</i>	<i>Eurystomina</i> 14	<i>setosus</i>	<i>Metalinhomoeus</i> 11
<i>multipapillatus</i>	<i>Ethmolaimus</i> 8	<i>siciliana</i>	<i>Chromadora</i> 8
<i>minor</i>	<i>Chromadorina</i> 8	<i>simile</i>	<i>Comesoma</i> 12
<i>minor</i>	<i>Chromadorita</i> 8	<i>similis</i>	<i>Anticoma</i> 12
<i>minor</i>	<i>Longicyatholaimus</i> 9	<i>similis</i>	<i>Spirinia</i> 9
<i>minutus</i>	<i>Desmoscolex</i> 11	<i>similis</i>	<i>Tricoma</i> 11
<i>mirabilis</i>	<i>Desmotimmia</i> 11	<i>slacksmithi</i>	<i>Ptycholaimellus</i> 8
<i>noffsingeriae</i>	<i>Quadricea</i> 11	<i>spectabilis</i>	<i>Araeolaimus</i> 12

<i>squalus</i>	<i>Metoncholaimoides</i> 13	<i>trichodes</i>	<i>Pseudocella</i> 13
<i>striata</i>	<i>Euchromadora</i> 8	<i>trichura</i>	<i>Anticoma</i> 13
<i>subantarcticus</i>	<i>Oxyonchus</i> 12	<i>trichurus</i>	<i>Longicyatholaimus</i> 9
<i>subsimilis</i>	<i>Anticoma</i> 13	<i>uncinatus</i>	<i>Megadesmolaimus</i> 11
<i>tasmaniensis</i>	<i>Mononcholaimus</i> 13	<i>viridis</i>	<i>Oncholaimus</i> 13
<i>tasmaniensis</i>	<i>Spilophorella</i> 8	<i>viviparus</i>	<i>Acanthonchus</i> 9
<i>tasmaniensis</i>	<i>Thalassomonhystera</i> 10	<i>vulgare</i>	<i>Graphonema</i> 8
<i>tecta</i>	<i>Neochromadora</i> 8	<i>wallini</i>	<i>Neochromadora</i> 8
<i>tenax</i>	<i>Notochaetosoma</i> 9	<i>wieseri</i>	<i>Phanoderma</i> 12
<i>tenue</i>	<i>Pelagonema</i> 14	<i>wieseri</i>	<i>Sabatiera</i> 12
<i>tenuicauda</i>	<i>Tripyla</i> 14	<i>wieseri</i>	<i>Viscosia</i> 14
<i>tenuicolle</i>	<i>Symplocostoma</i> 14	<i>wilsoni</i>	<i>Parapinnanema</i> 8
<i>timmi</i>	<i>Tricoma</i> 11	<i>youngei</i>	<i>Desmoscolex</i> 11

A REVISION OF THE AUSTRALIAN GENUS DIEMENIA SPINOLA (HEMIPTERA : PENTATOMIDAE : PENTATOMINAE)

BY I. AHMAD & S. KAMALUDDIN

Summary

Diemania immarginata (Dallas) and *D. rubromarginata* (Guérin-Méneville) are redescribed in addition to two new species *grossi* from Mt Buffalo and Mt Hotham, eastern Victoria and *minuta* from New England, Victoria, and from Green Hill Estate, South Australia, with special reference to their metathoracic scent auricles and male and female genitalia. *D. rubromarginata rubromarginata* sensu stricto and *D. rubromarginata deyrollei* Spinola, considered as two different subspecies of *D. rubromarginata* (Guérin-Méneville) by Gross (1976) are synonymised. A cladistic analysis of the taxa in the light of the above characters is also included.



Greenslade, Penelope. 1989. "Checklist of free-living marine nematodes from Australia, Macquarie Island and Heard Island." *Records of the South Australian Museum* 23, 7–20.

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