

OPINIONS AND DECLARATIONS RENDERED BY THE INTER- NATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

Edited by

FRANCIS HEMMING, C.M.G., C.B.E.

Secretary to the Commission

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DIRECTION 42

Determination of the gender to be attributed to the names of seventy-eight genera of various Classes of Invertebrates and of six genera of the Class Urochorda placed on the *Official List of Generic Names in Zoology* in the period up to the end of 1936

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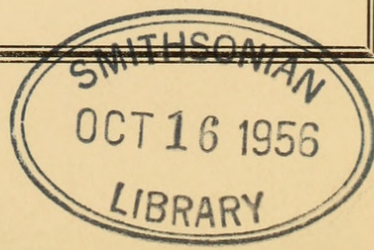
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INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

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DIRECTION 42

DETERMINATION OF THE GENDER TO BE ATTRIBUTED TO THE NAMES OF SEVENTY-EIGHT GENERA OF VARIOUS CLASSES OF INVERTEBRATES AND OF SIX GENERA OF THE CLASS UROCHORDA PLACED ON THE "OFFICIAL LIST OF GENERIC NAMES IN ZOOLOGY" IN THE PERIOD UP TO THE END OF 1936

RULING :—(1) The gender to be attributed to each of the under-mentioned names of genera of the Classes of Invertebrates severally specified below and of the Class Urochorda which were placed on the *Official List of Generic Names in Zoology* in the period up to the end of 1936 by the Rulings given in the *Opinions* specified in each case against the generic name concerned is hereby determined as being the masculine gender :—

(a) Class Trematoda (3 names) :

- (i) *Hemiurus* Rudolphi, 1809 (*Opinion* 77) ;
- (ii) *Gastrodiscus* Cobbold, 1877 ; *Heterophyes* Cobbold, 1866 (both in *Opinion* 84) ;

(b) Class Cestoda (1 name) :

Echinococcus Rudolphi, 1801 (*Opinion* 84) ;

(c) Class Nematoda (5 names) :

- (i) *Dracunculus* Reichard, 1759 ; *Strongyloides* Grassi, 1879 ; *Trichostrongylus* Looss, 1905 (all in *Opinion* 66) ;
- (ii) *Strongylus* Müller, 1780 ; *Syngamus* Siebold, 1836 (both in *Opinion* 104) ;

(d) Class Nematomorpha (2 names) :

Gordius Linnaeus, 1758 ; *Paragordius* Camerano, 1897 (both in *Opinion* 66) ;

(e) Class Chaetopoda (2 names) :

- (i) *Lumbricus* Linnaeus, 1758 (*Opinion* 75) ;
- (ii) *Enchytraeus* Henle, 1837 (*Opinion* 104) ;

- (f) Class Gastropoda (1 name) :
Limax Linnaeus, 1758 (*Opinion* 94) ;
- (g) Class Pelecypoda (1 name) :
Mytilus Linnaeus, 1758 (*Opinion* 94) ;
- (h) Class Cephalopoda (1 name) :
Argonauta Linnaeus, 1758 (*Opinion* 94) ;
- (i) Class Brachiopoda (1 name) :
Spirifer Sowerby, 1816 (*Opinion* 100) ;
- (j) Class Crinoidea (4 names) :
Bathycrinus Thomson, 1872 ; *Holopus* d'Orbigny, 1837 ; *Metacrinus* Carpenter, 1882 ; *Rhizocrinus* Sars, [1865] (all in *Opinion* 73) ;
- (k) Class Urochorda (1 name) :
Botryllus Gaertner, 1774 (*Opinion* 94).

(2) The gender to be attributed to each of the under-mentioned names of genera of the Classes of Invertebrates severally specified below and of the Class Urochorda which were placed on the *Official List of Generic Names in Zoology* in the period up to the end of 1936 by the Rulings given in the *Opinions* specified in each case against the generic name concerned is hereby determined as being the feminine gender :—

- (a) Class Rhizopoda (2 names) :
 - (i) *Arcella* Ehrenberg, [1830] (*Opinion* 77) ;
 - (ii) *Lepidocyclina* Gümbel, [1870] (*Opinion* 127) ;
- (b) Class Mastigophora (1 name) :
Volvox Linnaeus, 1758 (*Opinion* 75) ;
- (c) Class Ciliata (1 name) :
Bursaria Müller, 1773 (*Opinion* 104) ;
- (d) Class Sporozoa (1 name) :
Eimeria Schneider, 1875 (*Opinion* 104) ;

(e) Class Neosporidia (1 name) :

Sarcocystis Lankester, 1882 (*Opinion* 104) ;

(f) Class Hydrozoa (2 names) :

(i) *Hydra* Linnaeus, 1758 (*Opinion* 77) ;

(ii) *Physalia* Lamarck, 1801 (*Opinion* 80) ;

(g) Class Trematoda (1 name) :

Fasciola Linnaeus, 1758 (*Opinion* 84) ;

(h) Class Cestoda (7 names) :

(i) *Anoplocephala* Blanchard, 1848 ; *Hymenolepis* Weinland, 1858 ; *Moniezia* Blanchard, 1891 ; *Stilesia* Stiles & Hassall, 1893 (all in *Opinion* 77) ;

(ii) *Davainea* Blanchard & Railliet, 1891 ; *Taenia* Linnaeus, 1758 (both in *Opinion* 84) ;

(iii) *Ligula* Bloch, 1782 (*Opinion* 104) ;

(i) Class Nematoda (4 names) :

(i) *Ascaris* Linnaeus, 1758 (*Opinion* 66) ;

(ii) *Filaria* Müller, 1787 ; *Heterodera* Schmidt, 1871 ; *Rhabditis* Dujardin, 1845 (all in *Opinion* 104) ;

(j) Class Hirudinea (3 names) :

(i) *Hirudo* Linnaeus, 1758 (*Opinion* 75) ;

(ii) *Haemadipsa* Tennent, 1859 ; *Limnatis* Moquin-Tandon, 1827 (both in *Opinion* 104) ;

(k) Class Gastropoda (11 names) :

(i) *Calyptraea* Lamarck, 1799 ; *Columbella* Lamarck, 1799 ; *Helix* Linnaeus, 1758 ; *Physa* Draparnaud, [1801] ; *Succinea* Draparnaud, [1801] (all in *Opinion* 94) ;

(ii) *Leucochila* von Martens, 1860 (*Opinion* 115) ;

- (iii) *Oleacina* Röding, 1798 ; *Neritina* Lamarck, 1816 ; *Clausilia* Draparnaud, [1805] ; *Vitrina* Draparnaud, [1801] ; *Tornatellina* Pfeiffer, 1842 (all in *Opinion* 119) ;
- (l) Class Pelecypoda (4 names) :
Anodonta Lamarck, 1799 ; *Mya* Linnaeus, 1758, *Teredo* Linnaeus, 1758 ; *Mactra* Linnaeus, 1767 (all in *Opinion* 94) ;
- (m) Class Cephalopoda (1 name) :
Sepia Linnaeus, 1758 (*Opinion* 94) ;
- (n) Class Brachiopoda (1 name) :
Syringothyris Winchell, 1863 (*Opinion* 100) ;
- (o) Class Asteroidea (1 name) :
Luidia Forbes, 1839 (*Opinion* 129) ;
- (p) Class Holothuroidea (1 name) :
Holothuria Linnaeus, 1767 (*Opinion* 80) ;
- (q) Class Crinoidea (1 name) :
Antedon Fréminville, 1811 (*Opinion* 73) ;
- (r) Class Urochorda (4 names) :
Clavelina Savigny, 1816 ; *Diazona* Savigny, 1816 ; *Distaplia* Della Valle, 1881 ; *Molgula* Forbes, 1848 (all in *Opinion* 94).

(3) The gender to be attributed to each of the under-mentioned names of genera of the Classes of Invertebrates severally specified below and of the Class Urochorda which were placed on the *Official List of Generic Names in Zoology* in the period up to the end of 1936 by the Rulings given in the *Opinions* specified in each case against the generic name concerned is hereby determined as being the neuter gender :—

- (a) Class Mastigophora (1 name) :
Trypanosoma Gruby, 1843 (*Opinion* 95) ;

- (b) Class Anthozoa (1 name) :
Lithostrotion Fleming, 1828 (*Opinion* 117) ;
- (c) Class Trematoda (2 names) :
 - (i) *Schistosoma* Weinland, 1858 (*Opinion* 77) ;
 - (ii) *Dicrocoelium* Dujardin, [1844] (*Opinion* 84) ;
- (d) Class Cestoda (2 names) :
 - (i) *Thysanosoma* Diesing, 1835 (*Opinion* 77) ;
 - (ii) *Dipylidium* Leuckart, 1863 (*Opinion* 84) ;
- (e) Class Nematoda (2 names) :
Ancylostoma Dubini, 1843 ; *Gnathostoma* Owen, 1837 (both in *Opinion* 66) ;
- (f) Class Gastropoda (3 names) :
 - (i) *Buccinum* Linnaeus, 1758 (*Opinion* 94) ;
 - (ii) *Cerion* Röding, 1798 (*Opinion* 119) ;
 - (iii) *Agasoma* Gabb, [1869] (*Opinion* 12) ;
- (g) Class Scaphopoda (1 name) :
Dentalium Linnaeus, 1758 (*Opinion* 94) ;
- (h) Class Pelecypoda (1 name) :
Sphaerium Scopoli, 1777 (*Opinion* 94) ;
- (i) Class Cephalopoda (1 name) :
Lytoceras Suess, 1865 (*Opinion* 130) ;
- (j) Class Urochorda (1 name) :
Pyrosoma Peron, 1804 (*Opinion* 77).

I. THE SUBJECT MATTER OF THE PRESENT “ DIRECTION ”

The present *Direction* contains the sixth instalment of determinations of the gender attributable to the names of genera placed on the *Official List of Generic Names in Zoology* in the period up to the end of 1936. In all, eighty-four generic names are dealt with in the present *Direction* ; of these, seventy-eight are the names of genera of Classes of invertebrates belonging to

various Phyla, other than the Phylum Arthropoda, and six are the names of genera belonging to the Class Urochorda. The adoption of the present *Direction* marks the close of the survey of the gender to be attributed to each of the five hundred and sixty-three names placed on the *Official List* up to the end of 1936 undertaken by the International Commission in compliance with a Directive issued to it by the Thirteenth International Congress of Zoology, Paris, 1948. Of the total number of names involved the gender attributable to five hundred and forty-six names has now been determined by the Commission, and proposals are now before it in the case of the remaining seventeen names. The paper on which the present *Direction* is based was submitted by the Secretary on 29th September 1955 and was as follows :—

**Determination of the gender of names placed on the “ Official List of Generic Names in Zoology ” in the period up to the end of 1936 :
Sixth Instalment (names of genera of Invertebrates, other than Arthropods, and of genera of the Class Urochorda)**

By FRANCIS HEMMING, C.M.G., C.B.E.

(*Secretaty to the International Commission on Zoological Nomenclature*)

This paper contains the sixth and last instalment of proposals for the determination of the gender to be attributed to names placed on the *Official List of Generic Names in Zoology* during the period up to the end of 1936 ; it is concerned with genera belonging (a) to various Invertebrate Phyla, excluding the Arthropods (which have been dealt with in two previous Voting Papers, namely V.P.(O.M.)(55)6 and V.P.(O.M.)(55)29¹ and (b) to the Class Urochorda.

2. The pre-Lisbon *Opinions* contain Rulings placing the names of ninety genera of the foregoing groups on the *Official List*. The distribution of names by *Opinions* is as follows : *Opinion* 66 : 9 names ; *Opinions* 73 : 5 names ; *Opinion* 75 : 3 names ; *Opinion* 77 : 10 names ; *Opinion* 84 : 9 names ; *Opinion* 94 : 22 names ; *Opinion* 104 : 14 names ; *Opinion* 119 : 7 names ; *Opinions* 80, 95 and 100 : 2 names each ; *Opinions* 115, 117, 127, 129 and 130 : one name each.

3. As in the case of the previous instalments of proposals relating to the gender to be attributed to generic names on the *Official List*,

¹ The decisions taken by the International Commission by its votes on the foregoing Voting Papers have since been embodied in *Direction* 11 (1955, *Ops. Decls. int. Comm. zool. Nomencl.* 1(C) : 15—34) and *Direction* 40 (pp. 139—152 of the present Section (Section D) of Volume 1 of the present Series) respectively.

the present recommendations are based upon the Report furnished by Mr. F. J. Lelievre (at that time of the Classical Language Department of Bedford College, London University). Also, current checklists, catalogues and monographs have been consulted to ascertain whether the genders now proposed to be assigned to the names in question are those currently used by specialists in the various groups. Finally, drafts of the relevant portions of the list now submitted as Annexe 2 to this paper were sent to various specialists for comment. The Commission is much indebted to the following specialists for their co-operation in this matter :—

Dr. Ellsworth C. Dougherty (*University of California*) (Protozoa, Trematoda, Cestoda and Nematoda)

Dr. W. J. Rees, D.Sc. (*British Museum (Natural History)*) (Coelenterata)

Mr. N. Tebble, B.Sc. (*British Museum (Natural History)*) (Hirudinea)

Mr. R. V. Melville, M.Sc. (*Geological Survey & Museum, London*) (Cephalopoda)

Dr. L. Bairstow, M.A., Ph.D. (*British Museum (Natural History)*) (Cephalopoda)

4. Of the ninety names concerned, the gender attributable to five has already been dealt with. These are *Necator* Stiles, 1903 (*Opinion* 201) ; *Endamoeba* Leidy, 1879 (*Opinion* 312) ; *Plasmodium* Marchiafava & Celli, 1885 and *Laverania* Feletti & Grassi, 1889 (*Opinion* 283) ; *Ostrea* Linnaeus, 1758 (*Opinion* 356).

5. In the case of one further name, *Gigantorhynchus* Hamann, 1892, an application has been submitted for the use of the Plenary Powers to vary the gender correctly attributable to it. (File Z.N.(S.) 942 ; see *Bull. Zool. Nomencl.* **11** : 260—262.)

6. Proposals regarding the remaining 84 names are now placed before the Commission. Only two of them call for special comment, namely *Argonauta* Linnaeus, 1758, and *Antedon* Fréminville, 1811. These are discussed in the immediately following paragraphs.

7. *Argonauta* : This, according to the Latin dictionaries, is a masculine word, although it has an apparently feminine termination. Both Mr. Melville and Dr. Bairstow have been consulted in this case and it seems that, in spite of the fact that many authors have treated this name as being feminine, no serious inconvenience would result from attributing to it the correct (masculine) gender. The letters from these specialists are reproduced in Annexe 1.

8. *Antedon* : This name is commonly treated as being of the feminine gender, but doubts have been expressed as to whether this is correct. Dr. L. W. Grensted, the Commission's Consulting Classical

Adviser, has reported (Annexe 2) that *Antedon* is probably an error for *Anthedon*, which is a feminine word. The likelihood that this is the correct explanation is strengthened by the fact that Agassiz (1846, *Nomencl. Zool. Index Univ.* : 25) emended it to *Anthedon*. Fréminville himself did not give any information regarding the derivation of his new generic name, and the name of the single originally included species (*gorgonia*) is a feminine noun in apposition. In these circumstances, and having regard to Dr. Grensted's Report, I recommend that the Commission should assign the feminine gender to this name.

9. As regards the remaining 82 names, in each case there appears to be no doubt as to the gender correctly attributable, and that gender is also the one commonly used.

10. I accordingly recommend that, in compliance with the General Directive issued by the Thirteenth International Congress of Zoology, Paris, 1948, the Commission should now render a *Direction* that in respect of the seventy-eight generic names of Invertebrates and six generic names of Urochordates specified in Annexe 3 of the present paper, the gender to be inserted in the entry on the *Official List of Generic Names in Zoology* be that shown against each name in column (2) of the said Annexe.

11. It will, I am confident, be a source of satisfaction to the Commission—as it is to myself as Secretary—that when it has taken decisions on the proposals now submitted, it will have completed the determination of the gender to be attributed to all the generic names placed on the *Official List* prior to the Paris Congress of 1948, with the exception of a small group of names as regards which special problems arise and on which separate proposals have been, or shortly will be, submitted for decision. The taking of these decisions marks an important stage in the preparations needed before the urgently awaited volume containing particulars of all names so far placed on the *Official Lists* and *Official Indexes* can be sent to the printer for publication.

ANNEXE 1

The gender attributable to the generic name “Argonauta” Linnaeus, 1758

(a) *Extract from a letter from R. V. Melville, M.Sc. (Geological Survey and Museum, London), dated 10th January 1955*

.

Argonauta is obviously more difficult, since it is a masculine noun with an apparently feminine ending. I have looked it up in Sherborn's *Index Animalium* and find (apart from nouns in apposition, e.g. *argo*, patronymics in the genitive, e.g. *sismondai*, and adjectives with indifferent endings, e.g. *hians*) five feminine and one masculine specific names in the 1758—1800 section, where ten names are listed ; and in the

1801—1850 section, eleven feminine and five masculine out of 26 specific names. On this basis usage is clearly in favour of a feminine gender. On balance, I consider that the correct (masculine) gender should be accepted for the name *Argonauta*.

(b) *Letter from L. Bairstow, M.A., Ph.D. (British Museum (Natural History), London), dated 14th January 1955*

I see from a Latin dictionary that *nauta* -ae and *Argonautae* -arum are masculine ; thus these entries confirm the claim that the correct gender of *Argonauta* is indeed masculine.

Nevertheless, *Argonauta* has customarily been treated as feminine. Of specific names that have been used in combination with *Argonauta*, those that are adjectives have been employed with feminine terminations in the great majority of instances. Most of the comparatively few instances of their employment with masculine terminations occurred between the years 1790 and 1830.

However, though the species of *Argonauta* have been known by many different names, the number of well-established species at present recognised is not great—perhaps half a dozen Recent species and a few fossil ones. Moreover, of the currently accepted names for these species, most would not be affected by correction of the gender of *Argonauta* : *argo* is a noun in apposition ; *böttgeri*, *nowryi*, *sismondæ* and *yoshiwaræ* are nouns in the genitive ; *johanneus* is already masculine in termination ; and *hians* would presumably remain unchanged. The only currently important names needing change of termination would be *cornuta* and *nodosa*, though certain other names might need alteration if certain species of uncertain status, or that are now considered synonyms, were valued more highly by some future reviser.

I do not see that it need cause much confusion or inconvenience if the correct (masculine) gender were to be attributed to *Argonauta* on the *Official List*. My own view is that the correction should receive official endorsement.

ANNEXE 2

The gender attributable to the generic name “*Antedon*” Fréminville, 1811

Extract from a letter from L. W. Grensted dated 12th July 1955

Antedon : As this name stands, in Latin, the gender is quite obscure. The word *as it stands* has no direct derivation, but being a name, with a Greek look about it, would *probably* be masculine and *might* be

feminine. But I suspect that Fréminville wrote *Antedon* for *Anthedon*, which is found both in Greek and Latin in two meanings, as the name of a plant and as a town in Boeotia with mythological associations. In both senses *Anthedon* is feminine, and I suspect that this is the reason why *Antedon* has normally been regarded as feminine. I think this usage might stand, in view of this probable derivation—but probably it should be confirmed, and the reason given. I do not know whether Fréminville did anything to determine either the gender or the derivation.

ANNEXE 3

Gender proposed to be inscribed in the " Official List of Generic Names in Zoology " in respect of the names of seventy-seven genera belonging to various Invertebrate Phyla and of the names of six genera belonging to the Class Urochorda

Generic Name	Gender proposed to be assigned to name speci- fied in Col. 1	" Opinion " in which name specified in Col. 1 was placed on " Official List "
(1)	(2)	(3)
<i>Class Rhizopoda</i>		
<i>Arcella</i> Ehrenberg, [1830]	Feminine	77
<i>Lepidocyclina</i> Gumbel, [1870]	Feminine	127
<i>Class Mastigophora</i>		
<i>Volvox</i> Linnaeus, 1758	Feminine	75
<i>Trypanosoma</i> Gruby, 1843	Neuter	95
<i>Class Ciliata</i>		
<i>Bursaria</i> Müller, 1773	Feminine	104
<i>Class Sporozoa</i>		
<i>Eimeria</i> Schneider, 1875	Feminine	104
<i>Class Neosporidia</i>		
<i>Sarcocystis</i> Lankester, 1882	Feminine	104
<i>Class Anthozoa</i>		
<i>Lithostrotion</i> Fleming, 1828	Neuter	117
<i>Class Hydrozoa</i>		
<i>Hydra</i> Linnaeus, 1758	Feminine	77
<i>Physalia</i> Lamarck, 1801	Feminine	80

Generic Name (1)	Gender proposed to be assigned to name speci- fied in Col. 1 (2)	"Opinion" in which name specified in Col. 1 was placed on "Official List" (3)
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Class Trematoda

<i>Hemiurus</i> Rudolphi, 1809	Masculine	77
<i>Schistosoma</i> Weinland, 1858	Neuter	"
<i>Dicrocoelium</i> Dujardin, [1844]	Neuter	84
<i>Fasciola</i> Linnaeus, 1758	Feminine	"
<i>Gastrodiscus</i> Cobbold, 1877	Masculine	"
<i>Heterophyes</i> Cobbold, 1866	Masculine	"

Class Cestoda

<i>Anoplocephala</i> Blanchard, 1848	Feminine	77
<i>Hymenolepis</i> Weinland, 1858	Feminine	"
<i>Moniezia</i> Blanchard, 1891	Feminine	"
<i>Stilesia</i> Stiles & Hassall, 1893	Feminine	"
<i>Thysanosoma</i> Diesing, 1835	Neuter	"
<i>Davainea</i> Blanchard & Railliet, 1891	Feminine	84
<i>Dipylidium</i> Leuckart, 1863	Neuter	"
<i>Echinococcus</i> Rudolphi, 1801	Masculine	"
<i>Taenia</i> Linnaeus, 1758	Feminine	"
<i>Ligula</i> Bloch, 1782	Feminine	104

Class Nematoda

<i>Ancylostoma</i> Dubini, 1843	Neuter	66
<i>Ascaris</i> Linnaeus, 1758	Feminine	"
<i>Dracunculus</i> Reichard, 1759	Masculine	"
<i>Gnathostoma</i> Owen, 1837	Neuter	"
<i>Strongyloides</i> Grassi, 1879	Masculine	"
<i>Trichostrongylus</i> Looss, 1905	Masculine	"
<i>Filaria</i> Müller, 1787	Feminine	104
<i>Heterodera</i> Schmidt, 1871	Feminine	"
<i>Rhabditis</i> Dujardin, 1845	Feminine	"
<i>Strongylus</i> Müller, 1780	Masculine	"
<i>Syngamus</i> Siebold, 1836	Masculine	"

Class Hirudinea

<i>Hirudo</i> Linnaeus, 1758	Feminine	75
<i>Haemadipsa</i> Tennent, 1859	Feminine	104
<i>Limnatis</i> Moquin-Tandon, 1827	Feminine	"

Class Nematomorpha

<i>Gordius</i> Linnaeus, 1758	Masculine	66
<i>Paragordius</i> Camerano, 1897	Masculine	"

Generic Name (1)	Gender proposed to be assigned to name speci- fied in Col. 1 (2)	" Opinion " in which name specified in Col. 1 was placed on " Official List " (3)
<i>Class Chaetopoda</i>		
<i>Lumbricus</i> Linnaeus, 1758	Masculine	75
<i>Enchytraeus</i> Henle, 1837	Masculine	104
<i>Class Gastropoda</i>		
<i>Buccinum</i> Linnaeus, 1758	Neuter	94
<i>Calyptraea</i> Lamarck, 1799	Feminine	"
<i>Columbella</i> Lamarck, 1799	Feminine	"
<i>Helix</i> Linnaeus, 1758	Feminine	"
<i>Limax</i> Linnaeus, 1758	Masculine	"
<i>Physa</i> Draparnaud, [1801]	Feminine	"
<i>Succinea</i> Draparnaud, [1801]	Feminine	"
<i>Leucochila</i> von Martens, 1860	Feminine	115
<i>Cerion</i> Röding, 1798	Neuter	119
<i>Oleacina</i> Röding, 1798	Feminine	"
<i>Neritina</i> Lamarck, 1816	Feminine	"
<i>Clausilia</i> Draparnaud, [1805]	Feminine	"
<i>Vitrina</i> Draparnaud, [1801]	Feminine	"
<i>Tornatellina</i> Pfeiffer, 1842	Feminine	"
<i>Agasoma</i> Gabb, [1869]	Neuter	121
<i>Class Scaphopoda</i>		
<i>Dentalium</i> Linnaeus, 1758	Neuter	94
<i>Class Pelecypoda</i>		
<i>Anodonta</i> Lamarck, 1799	Feminine	94
<i>Mya</i> Linnaeus, 1758	Feminine	"
<i>Mytilus</i> Linnaeus, 1758	Masculine	"
<i>Sphaerium</i> Scopoli, 1777	Neuter	"
<i>Teredo</i> Linnaeus, 1758	Feminine	"
<i>Macra</i> Linnaeus, 1767	Feminine	"
<i>Class Cephalopoda</i>		
<i>Argonauta</i> Linnaeus, 1758	Masculine	94
<i>Sepia</i> Linnaeus, 1758	Feminine	"
<i>Lytoceras</i> Suess, 1865	Neuter	130
<i>Class Brachiopoda</i>		
<i>Spirifer</i> Sowerby, 1816	Masculine	100
<i>Syringothyris</i> Winchell, 1863	Feminine	"

Generic Name (1)	Gender proposed to be assigned to name speci- fied in Col. 1 (2)	"Opinion" in which name specified in Col. 1 was placed on "Official List" (3)
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Class Asteroidea

<i>Luidia</i> Forbes, 1839	Feminine	129
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Class Holothuroidea

<i>Holothuria</i> Linnaeus, 1767	Feminine	80
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Class Crinoidea

<i>Antedon</i> Fréminville, 1811	Feminine	73
<i>Bathycrinus</i> Thomson, 1872	Masculine	"
<i>Holopus</i> d'Orbigny, 1837	Masculine	"
<i>Metacrinus</i> Carpenter, 1882	Masculine	"
<i>Rhizocrinus</i> Sars, [1865]	Masculine	"

Class Urochorda

<i>Pyrosoma</i> Peron, 1804	Neuter	77
<i>Botryllus</i> Gaertner, 1774	Masculine	94
<i>Clavelina</i> Savigny, 1816	Feminine	"
<i>Diazona</i> Savigny, 1816	Feminine	"
<i>Distaplia</i> Della Valle, 1881	Feminine	"
<i>Molgula</i> Forbes, 1848	Feminine	"

2. Registration of the present application : Upon the receipt of Mr. Hemming's paper, the question of the gender to be assigned to the names of genera of invertebrates and Urochorda previously placed on the *Official List of Generic Names in Zoology* was allotted the Registered Number Z.N.(S.) 991.

II. THE DECISION TAKEN BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

3. Issue of Voting Paper V.P.(O.M.)(55)30 : On 29th September 1955, a Voting Paper (V.P.(O.M.)(55)30) was issued in which

each Member of the Commission was asked (1) to state whether he agreed that, "in conformity with the General Directive relating to the recording in the *Official List of Generic Names in Zoology* of the gender of each name placed thereon prior to 1948, issued to the International Commission on Zoological Nomenclature by the Thirteenth International Congress of Zoology, Paris, 1948, the gender of the seventy-eight generic names of invertebrates and of the six generic names in the Class Urochorda specified in Column (2) of Annexe 3 of the paper bearing the Registered Number Z.N.(S.) 991 by the Secretary submitted simultaneously with the present Voting Paper [i.e. in column (2) of Annexe 3 of the paper reproduced in the first paragraph of the present *Direction*] be entered in the foregoing *Official List* in respect of the names enumerated in the first column of the said Annexe" and, if he did not so agree as regards any given item, to indicate that item.

4. The Prescribed Voting Period : As the foregoing Voting Paper was issued under the One-Month Rule, the Prescribed Voting Period closed on 29th October 1955.

5. Particulars of the Voting on Voting Paper V.P.(O.M.)(55)30 : At the close of the Prescribed Voting Period, the state of the voting on Voting Paper V.P.(O.M.)(55)30 was as follows :—

(a) *Affirmative Votes had been given by the following twenty-four (24) Commissioners (arranged in the order in which Votes were received) :*

Riley ; Boschma ; Holthuis ; Vokes ; Hering ; Stoll ;
Prantl ; Lemche ; Mayr ; Key ; do Amaral ; Esaki ;
Mertens ; Miller ; Bradley (J.C.) ; Kühnelt ; Dymond ;
Jaczewski ; Hemming ; Sylvester-Bradley ; Tortonese ;
Bonnet ; Cabrera ; Hankó ;

(b) *Negative Votes* :

None ;

(c) *On Leave of Absence, one (1)* :

Bodenheimer ;

(d) *Voting Papers not returned* :

None.

6. Declaration of Result of Vote : On 21st November 1955, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(O.M.)(55)30, signed a Certificate that the Votes cast were as set out in paragraph 5 above and declaring that the proposal submitted in the foregoing Voting Paper had been duly adopted and that the decision so taken was the decision of the International Commission in the matter aforesaid.

7. Preparation of the Ruling given in the present " Direction " : On 24th February 1956 Mr. Hemming prepared the Ruling given in the present *Direction* and at the same time signed a Certificate that the terms of that Ruling were in complete accord with those of the proposal approved by the International Commission in its Vote on Voting Paper V.P.(O.M.)(55)30.

8. The prescribed procedures were duly complied with by the International Commission on Zoological Nomenclature in dealing with the present case, and the present *Direction* is accordingly hereby rendered in the name of the said International Commission by the under-signed Francis Hemming, Secretary to the International Commission on Zoological Nomenclature, in virtue of all and every the powers conferred upon him in that behalf.

9. The present *Direction* shall be known as *Direction* Forty-Two (42) of the International Commission on Zoological Nomenclature.

DONE in London, this Twenty-Fourth day of February, Nineteen Hundred and Fifty-Six.

*Secretary to the International Commission
on Zoological Nomenclature*

FRANCIS HEMMING

Note to Subscribers

The reason why the present Part, containing *Direction* 42, follows immediately after a Part containing *Direction* 40, is that the intervening *Direction* (*Direction* 41) is concerned with the addition to the *Official List of Family-Group Names in Zoology* of names of that category based upon generic names dealt with in *Opinions* comprised in Volume 11 of the present Series. *Direction* 41 was published in the above volume on 17th May 1956 (*Ops. Decls. int. Comm. Zool. Nomencl.* **11** : 431—452).



International Commission on Zoological Nomenclature. 1956. "Direction 42 Determination of the gender to be attributed to the names of seventy-eight genera of various classes of Invertebrates and of six genera of the class Urochorda placed on the Official List of Generic Names in Zoology in the period up to the end of 1936." *Opinions and declarations rendered by the International Commission on Zoological Nomenclature* 1D, 153–170.

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