

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

VOLUME 11. Part 30. Pp. 431—452

DIRECTION 41

Addition to the *Official List of Family-Group Names in Zoology* or, as the case may be, to the *Official Index of Rejected and Invalid Family-Group Names in Zoology* of the family-group names involved in Volume 11 of the *Opinions and Declarations rendered by the International Commission on Zoological Nomenclature*, other than family-group names already dealt with in those *Opinions*.

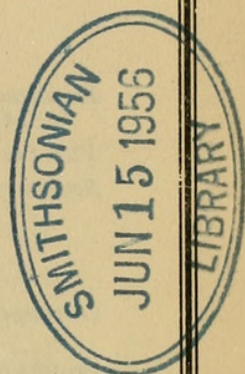
LONDON :

Printed by Order of the International Trust for
Zoological Nomenclature
and

Sold on behalf of the International Commission on Zoological
Nomenclature by the International Trust at its Publications Office
41, Queen's Gate, London, S.W.7
1956

Price Twelve Shillings and Sixpence

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INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

COMPOSITION AT THE TIME OF THE ADOPTION OF THE RULING GIVEN IN DIRECTION 41

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Vice-President : Senhor Dr. Afranio do Amaral (*Sao Paulo, Brazil*) (12th August 1953)

Secretary : Mr. Francis Hemming (*London, England*) (27th July 1948)

B. The Members of the Commission

(Arranged in order of precedence by reference to date of election or of most recent re-election, as prescribed by the International Congress of Zoology)

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Mr. Francis Hemming (*London, England*) (27th July 1948) (*Secretary*)

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Dr. K. H. L. Key (*Commonwealth Scientific and Industrial Research Organisation, Canberra, A.C.T., Australia*) (15th October 1954)

Dr. Alden H. Miller (*Museum of Vertebrate Zoology, University of California, Berkeley, California, U.S.A.*) (29th October 1954)

Doc. Dr. Ferdinand Prantl (*Národní Museum v Praze, Prague, Czechoslovakia*) (30th October 1954)

Professor Dr. Wilhelm Kühnelt (*Zoologisches Institut der Universität, Vienna, Austria*) (6th November 1954)

Professor F. S. Bodenheimer (*The Hebrew University, Jerusalem, Israel*) (11th November 1954)

Professor Ernst Mayr (*Museum of Comparative Zoology at Harvard College, Cambridge, Massachusetts, U.S.A.*) (4th December 1954)

Professor Enrico Tortonese (*Museo di Storia Naturale "G. Doria", Genova, Italy*) (16th December 1954)

DIRECTION 41

ADDITION TO THE "OFFICIAL LIST OF FAMILY-GROUP NAMES IN ZOOLOGY" OR, AS THE CASE MAY BE, TO THE "OFFICIAL INDEX OF REJECTED AND INVALID FAMILY-GROUP NAMES IN ZOOLOGY" OF THE FAMILY-GROUP NAMES INVOLVED IN VOLUME 11 OF THE "OPINIONS AND DECLARATIONS RENDERED BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE", OTHER THAN FAMILY-GROUP NAMES ALREADY DEALT WITH IN THOSE "OPINIONS"

RULING :—(1) The under-mentioned family-group names involved in the cases dealt with in the *Opinions* included in volume 11 of the *Opinions and Declarations rendered by the International Commission on Zoological Nomenclature* are hereby placed on the *Official List of Family-Group Names in Zoology* with the Name Numbers severally specified below :—

- (a) DREISSENIDAE (correction of DREISSENADAE) Gray (J.E.), 1840 (type genus : *Dreissena* van Beneden, 1835) (first published in correct form as DREISSENIDAE by Gray (J.E.), 1847) (Class Pelecypoda) (*Opinion* 351) (Name No. 76) ;
- (b) PHILLIPSIIDAE (correction of PHILLIPSIDAE) Oehlert (D.), 1886 (type genus : *Phillipsia* Portlock, 1843) (Class Trilobita) (*Opinion* 352) (Name No. 77) ;
- (c) ANCYLINAE (correction of ANCYLIDIA) Rafinesque (C.S.), 1815 (type genus : *Ancylus* Müller (O.F.), 1774) (name proposed by Rafinesque as the name for a "sous-famille" ; first published with an approved termination (as ANCYLINAE) by Fischer (P.), [1883]) (Class Gastropoda) (*Opinion* 363) (Name No. 78) ;
- (d) ACROLOXINAE Thiele (J.), 1931 (type genus : *Acroloxus* Beck, 1837) (Class Gastropoda) (*Opinion* 363) (Name No. 79) ;

- (e) TOERNQUISTIIDAE Hupé (P.), 1953 (type genus : *Toernquistia* Reed, 1896 (Class Trilobita) (*Opinion* 367) (Name No. 80) ;
- (f) TYLINAE Dana (J.D.), 1852 (type genus : *Tylos* Audouin, [1826]), (Class Crustacea, Order Isopoda) (*Opinion* 369) (Name No. 81) ;
- (g) MICROPEZIDAE Loew, 1862 (type genus : *Micropeza* Meigen, 1803) (Class Insecta, Order Diptera) (*Opinion* 369) (Name No. 82) ;
- (h) ARCHAEOCIDARIDAE M^cCoy, 1849 (type genus : *Archaeocidaris* M^cCoy, 1844) (Class Echinoidea) (*Opinion* 370) (Name No. 83) ;
- (i) AMPHIPSYLLINA Ioff, 1936 (type genus : *Amphipsylla* Wagner, 1909) (name proposed by Ioff as the name for a "Tribus") (Class Insecta, Order Siphonaptera) (*Opinion* 373) (Name No. 84) ;
- (j) HETERANDRIINI Hubbs, 1924 (type genus : *Heterandria* Agassiz (J.L.R.), 1853) (name proposed by Hubbs as the name for a tribe) (Class Osteichthyes) (*Opinion* 375) (Name No. 85) ;
- (k) GAMBUSIINAE Gill, 1893 (type genus : *Gambusia* Poey, 1854) (Class Osteichthyes) (*Opinion* 375) (Name No. 86) ;
- (l) POECILIOPSINAE Hubbs, 1924 (type genus : *Poeciliopsis* Regan, 1913) (Class Osteichthyes) (*Opinion* 375) (Name No. 87) ;
- (m) PONTONIINAE (correction of PONTONINAE) Kingsley, 1878 (type genus : *Pontonia* Latreille, 1829) (Class Crustacea, Order Crustacea) (*Opinion* 378) (Name No. 88) ;
- (n) SPHINGIDAE (correction of SPHINGIDES) Latreille, [1802—1803] (type genus : *Sphinx* Linnaeus, 1758) (Class Insecta, Order Lepidoptera) (*Opinion* 379) (Name No. 89).

(2) The under-mentioned family-group names, each of which is either an Invalid Original Spelling for, an Erroneous Subsequent Spelling of, or a junior objective synonym of, a family-group name placed on the *Official List of Family-Group Names in Zoology* by the Ruling given in (1) above, are hereby placed on the *Official Index of Rejected and Invalid Family-Group Names in Zoology* with the Name Numbers severally specified below :—

- (a) DREISSENADAE Gray (J.E.), 1840 (type genus : *Dreissena* van Beneden, 1835) (an Invalid Original Spelling for DREISSENIDAE) (*Opinion* 351) (Name No. 62) ;
- (b) DREISSENSIINAE Fischer (P.), 1887 (type genus : *Dreissena* van Beneden, 1835) (a junior objective synonym of DREISSENIDAE (correction of DREISSENADAE) Gray (J.E.), 1840) (*Opinion* 351) (Name No. 63) ;
- (c) PHILLIPSIDAE Oehlert (D.), 1886 (type genus : *Phillipsia* Portlock, 1843) (an Invalid Original Spelling for PHILLIPSIIDAE) (*Opinion* 352) (Name No. 64) ;
- (d) ANCYLIDIA Rafinesque (C.S.), 1815 (type genus : *Ancylus* Müller (O.F.), 1774) (an Invalid Original Spelling for ANCYLINAE) (*Opinion* 363) (Name No. 65) ;
- (e) ANCYLEA Menke (C.T.), 1830 (type genus : *Ancylus* Müller (O.F.), 1774) (an Erroneous Subsequent Spelling for ANCYLIDAE) (*Opinion* 363) (Name No. 66) ;
- (f) TYLIDAE Czerny, 1930 (type genus : *Tylos* Meigen, 1800) (a junior objective synonym of MICROPEZIDAE Loew, 1862, the type genera of each of these nominal family-group taxa having the same species (*Musca corrigiolata* Linnaeus, 1767) as type species) (*Opinion* 369) (Name No. 67) ;
- (g) PONTONINAE Kingsley, 1878 (type genus : *Pontonia* Latreille, 1829) (an Invalid Original Spelling for PONTONIINAE) (*Opinion* 378) (Name No. 68) ;

- (h) SPHINGES Scopoli, 1777 (invalid, because, although published as the name for a suprageneric group, the group so established did not include the genus *Sphinx* Linnaeus, 1758) (*Opinion* 379) (Name No. 69) ;
- (i) SPHINGIDES Latreille, [1802—1803] (type genus : *Sphinx* Linnaeus, 1758) (an Invalid Original Spelling for SPHINGIDAE) (*Opinion* 379) (Name No. 70) ;
- (j) SPHINGOIDES Burmeister, 1829 (type genus : *Sphinx* Linnaeus, 1758) (an Erroneous Subsequent Spelling for SPHINGIDAE (correction of SPHINGIDES) Latreille, [1802—1803]) (*Opinion* 379) (Name No. 71) ;
- (k) SPHINGITES Newman, [1836] (type genus : *Sphinx* Linnaeus, 1758) (an Erroneous Subsequent Spelling for SPHINGIDAE (correction of SPHINGIDES) Latreille, [1802—1803]) (*Opinion* 379) (Name No. 72) ;
- (l) SPHINGIADAE Harris, 1839 (type genus : *Sphinx* Linnaeus, 1758) (an Erroneous Subsequent Spelling for SPHINGIDAE (correction of SPHINGIDES) Latreille, [1802—1803]) (*Opinion* 379) (Name No. 73) ;
- (m) SPHINGOIDAE Wallengren, 1865 (type genus : *Sphinx* Linnaeus, 1758) (an Erroneous Subsequent Spelling for SPHINGIDAE (correction of SPHINGIDES) Latreille, [1802—1803]) (*Opinion* 379) (Name No. 74) ;
- (n) SPHINGIDA Haeckel, 1896 (type genus : *Sphinx* Linnaeus, 1758) (an Erroneous Subsequent Spelling for SPHINGIDAE (correction of SPHINGIDES) Latreille, [1802—1803]) (*Opinion* 379) (Name No. 75).

I. THE SUBJECT MATTER OF THE PRESENT “ DIRECTION ”

The present *Direction* contains Rulings given by the International Commission on Zoological Nomenclature on the family-group name implications of all the cases involved in Volume 11 of *Opinions and Declarations rendered by the International Commission on Zoological Nomenclature*, other than in cases where those implications have been dealt with in the individual *Opinions* concerned. The proposals on which the Ruling given in the present *Direction* are based were submitted to the Commission in two instalments. The first instalment related to the family-group name problems involved in *Opinions* 351—361 which at the time when the proposals in regard thereto were submitted to the Commission were expected to form the concluding portion of Volume 10 in the *Opinions and Declarations* Series, but which later it was decided should form the opening portion of Volume 11. The second instalment of proposals dealt with in the present *Direction* is concerned with the family-group name implications in the cases dealt with in *Opinions* 362—379 which now form the concluding portion of Volume 11.

2. Proposals relating to the family-group name implications of the cases dealt with in “ *Opinions* ” 351—361 : On 18th April 1955, Mr. Hemming, as Secretary, submitted to the Commission a paper containing recommendations for dealing with the family-group-name implications in the cases dealt with in *Opinions* 334—361 which, as explained in paragraph 1 above, it was then proposed should constitute Volume 10 of the *Opinions and Declarations* Series. When later it was decided to close the foregoing volume with *Opinion* 360, a *Direction* was prepared in which was incorporated the portion of the paper submitted to the Commission on 18th April 1955 which was concerned with *Opinions* 334—350. This *Direction*, which was *Direction* 28 was published on 12th August 1955 (*Ops. Decls. int. Comm. zool.*

Nomencl. 10 : 493—510). The portion of the paper referred to above which dealt with *Opinions* 351—361 was as follows :—

Proposed addition to the “ Official List of Family-Group Names in Zoology ” or, as the case may be, to the “ Official Index of Rejected and Invalid Family-Group Names in Zoology ” of family-group names involved in the cases dealt with in Volume 10¹ of the “ Opinions and Declarations ” Series (“ Opinions ” 351—361²)

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

Secretary to the International Commission on Zoological Nomenclature

The purpose of the present paper is to lay before the Commission the family-group-names problems involved in the cases dealt with in *Opinions* 351—361², which collectively will form Volume 10¹ in the *Opinions and Declarations* Series, and to seek decisions from the Commission in those cases where, under the General Directives issued to the Commission by the International Congress of Zoology, names require to be placed on the *Official List of Family-Group Names in Zoology* or on the *Official Index of Rejected and Invalid Names* of this category.

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3. In each case consultations have been held with specialists in the group concerned and the Commission is much indebted to these specialists for the assistance which they have given in supplying the necessary information and in co-operating in the preparation of the proposals now submitted. The names of the specialists who have assisted in this matter are given in the following list, together with an indication of the cases on which each has given advice :—

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Dr. J. Wyatt Durham (*University of California, Department of Paleontology, Berkeley, California, U.S.A.*) : *Mortonella* (*Opinion* 358) ;

Mr. A. E. Ellis (*Epsom College, Epsom, England*) : *Dreissena* (*Opinion* 351) ;

¹ As originally submitted, this paper was concerned with the family-group-name implications of the *Opinions* then proposed to be included in Volume 10 of the *Opinions and Declarations* Series. Later, these *Opinions* concerned were distributed between Volumes 10 and 11. The portion of this paper concerned with Volume 10 as so remodelled has already been published in *Direction* 28.

² As originally submitted, this paper dealt with *Opinions* 334—361 and not only with *Opinions* 351—361, as here shown.

Dr. William K. Emerson (*University of California, Museum of Paleontology, Berkeley, California, U.S.A.*) : *Antalis* (Opinion 361) ;

Dr. L. B. Holthuis (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*) : *Acanthephyra* (Opinion 359) ;

Dr. K. H. L. Key (*Commonwealth Scientific and Industrial Research Organisation, Division of Entomology, Canberra, A.C.T., Australia*) : *Chortoicetes*, *Austroicetes* (Opinion 357) ;

Dr. C. J. Stubblefield (*Geological Survey and Museum, London*) : *Cummingella*, *Phillipsia*, *Weberides* (Opinion 352) ;

[Paragraphs 4 and 5 were concerned respectively with problems arising in connection with *Opinions* 340 and 341. These *Opinions* were included in Volume 10 of the *Opinions and Declarations* Series. The paragraphs relating to them have been published in *Direction* 28.]

6. The family-group name position involved in each of the *Opinions* concerned is examined in turn in Annexe 2³ to the present paper. Proposals are submitted in each case where action is called for under the General Directives referred to in paragraph 1 above but has not yet been taken.

ANNEXE 2

Proposals for the addition to the "Official List of Family-Group Names in Zoology" or, as the case may be, to the "Official Index of Rejected and Invalid Family-Group Names in Zoology" of the family-group names involved in the cases dealt with in the "Opinions" included in Volume 10⁴ of the "Opinions and Declarations" Series ("Opinions" 351—361)⁵

OPINION 351 (*Dreissena*) :

The following name to be placed on the *Official List* :—

DREISSENIDAE Gray (J.E.), 1840, in Turton, *Manual Land Freshwater Shells Brit. Islands* (new ed.) : 277 (type genus : *Dreissena*)

³ Annexe 1 to the present paper was concerned with *Opinion* 340. It has been published in *Direction* 28 but is omitted here, as the above *Opinion* has been published in Volume 10 of the *Opinions and Declarations* Series.

⁴ See Footnote 1.

⁵ See Footnote 2.

van Beneden, 1835) (correction of DREISSENADAE ; first published in correct form, as DREISSENIDAE, by Gray (J.E.), 1847, *Proc. zool. Soc. Lond.* **15** : 199) ;

The following names to be placed on the *Official Index* :—

- (a) DREISSENADAE Gray (J.E.), 1840 (an Invalid Original Spelling for DREISSENIDAE) ;
- (b) DREISSENSIINAE Fischer (P.), 1887, *Manuel Conchyliol.* : 965 (type genus : *Dreissena* van Beneden, 1835) (a junior objective synonym of DREISSENIDAE Gray (J.E.), 1847).

OPINION 352 (*Cummingella*, etc.) :

The following name to be placed on the *Official List* :—

PHILLIPSIIDAE (correction of PHILLIPSIDAE) Oehlert (D.), 1886, *Bull. Soc. Etud. sci. Angers* (n.s.) **15** : 127 (type genus : *Phillipsia* Portlock, 1843) ;

The following name to be placed on the *Official Index* :—

PHILLIPSIDAE Oehlert (D.), 1886 (type genus : *Phillipsia* Portlock, 1843) (an Invalid Original Spelling for PHILLIPSIIDAE).

Note :—Neither the name *Cummingella* Reed, 1942, nor the name *Weberides* Reed, 1942, has been taken as the base for a family-group name.

OPINION 353 (*Hoplites*) :

The family-group name aspect of this case has been dealt with by the Commission in its vote on Voting Paper V.P.(O.M.)(54)27, and the decision so taken has been embodied in *Opinion* 353 (now in the press)⁶.

OPINION 354 (*fasciata*, *Aplysia*) :

OPINION 355 (*punctata*, *Laplysia*) :

No family-group name problem arises in either of these cases.

OPINION 356 (*Gryphaea*) :

The family-group name aspect of this case has been dealt with by the Commission in its vote on Voting Paper V.P.(O.M.)(54)26, and the

⁶ This *Opinion* has since been published as Part 3 of Volume 11 of the *Opinions and Declarations* Series.

decision so taken has since been embodied in *Opinion* 356 (now in the press).⁷

OPINION 357 (*Chortoicetes*) :

OPINION 358 (*Mortonella*) :

OPINION 359 (*Acantheephyra*) :

None of the generic names dealt with in these *Opinions* has been taken as the base for a family-group name.

OPINION 360 (*knorri*, *Ostrea*) :

No family-group-name problem arises in this case.

OPINION 361 (*Antalis*) : The generic name dealt with in this *Opinion* has not been taken as the base for a family-group name.

3. Proposals relating to the family-group-name implications of the cases dealt with in " Opinions " 362—379 : On 23rd January 1956, Mr. Hemming, as Secretary, submitted to the Commission the following paper containing recommendations relating to the family-group-name implications of the cases dealt with in *Opinions* 363—379, the *Opinions* which form the concluding portion of Volume 11 of the *Opinions and Declarations* Series :—

Proposed completion of the family-group name portions of the cases dealt with in " Opinions " 362—379

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

Secretary to the International Commission on Zoological Nomenclature

The purpose of the present paper is to submit to the Commission a statement regarding the family-group-name problems involved in those of the *Opinions* included in Volume 11 of the *Opinions and Declarations* Series on which such decisions have not yet been taken. In this connection I must recall that on 18th April of last year I submitted a paper (Z.N.(S.) 916) in which I sought similar decisions from the Commission in regard to the *Opinions* then proposed to be included in Volume 10 of the foregoing Series. The *Opinions* so involved were *Opinions* 334—361. Later, it was found that Volume 10 would be

⁷ This *Opinion* has since been published as Part 6 of Volume 11 of the *Opinions and Declarations* Series.

unduly large if it comprised all the *Opinions* cited above and it was accordingly decided to close that volume at the end of *Opinion* 350, the remaining eleven *Opinions* being held over for inclusion in the next volume (Volume 11). It is now proposed that that volume should comprise 29 *Opinions*, namely *Opinions* 351—379. The family-group name problems involved in the first eleven of these *Opinions* have already been settled by the Commission in its vote (on Voting Paper V.P.(O.M.)(55)(15) on the paper numbered Z.N.(S.) 916 referred to above. Accordingly, all that it is now necessary for the Commission to do in order to complete the action needed at the family-group-name level in connection with the *Opinions* included in Volume 11 of the *Opinions and Declarations* Series is that it should deal with such problems as they arise in this field in connection with *Opinions* 362—379. This is the subject dealt with in the present paper.

2. The recommendations now submitted are based partly upon investigations of the literature undertaken by this Office and partly upon information kindly supplied by a number of specialists whose aid has been sought in this matter. The Commission is much indebted to the specialists who have been so kind as to co-operate in this way. The names of the specialists concerned are given in the following list, together with an indication of the cases on which each has given advice :—

Dr. Thomas W. Amsden (*The Johns Hopkins University, Department of Geology, Baltimore, Maryland, U.S.A.*) : *Antirhynchonella* (*Opinion* 374)

Dr. Reeve M. Bailey (*Museum of Zoology, University of Michigan, Ann Arbor, Michigan, U.S.A.*) : *Heterandria*, *Gambusia*, *Poeciliopsis* (*Opinion* 375)

Dr. W. E. China (*British Museum (Natural History), London*) : *Jakovlevia* (*Opinion* 368)

Dr. L. R. Cox (*British Museum (Natural History), London*) : *Ancylus* (*Opinion* 363)

Mr. A. E. Ellis (*Epsom College, Epsom, England*) : *Ancylus* (*Opinion* 363) ; *Ancylastrum* (*Opinion* 364)

Professor Dr. E. M. Hering (*Zoologisches Museum der Humboldt-Universität zu Berlin*) : *Sphinx* (*Opinion* 379)

Dr. L. B. Holthuis (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*) : *Pontonia* (*Opinion* 378)

Mr. G. H. E. Hopkins (*British Museum (Natural History), Zoological Museum, Tring, Herts., England*): *Amphipsylla*, *Palaeopsylla* (*Opinion* 373)

Dr. B. Hubendick (*Naturhistoriska Riksmuseet, Stockholm, Sweden*): *Ancylus* (*Opinion* 363);

Dr. Helen Muir-Wood (*British Museum (Natural History), London*): *Tornquistia* (*Opinion* 367); *Yakovlevia* (*Opinion* 368)

Mr. H. A. Oldroyd (*British Museum (Natural History), London*): *Micropeza*, *Tylos* (*Opinion* 369)

Dr. Jiří Paclt (*Slovenská Akadémia Vied, Faunistické Laboratórium, Bratislava, Czechoslovakia*): *Sphinx* (*Opinion* 379)

Dr. Karl P. Schmidt (*Chicago Natural History Museum, Chicago, Illinois, U.S.A.*): *Aneides* (*Opinion* 377)

Dr. C. J. Stubblefield (*Geological Survey and Museum, London*): *Toernquistia* (*Opinion* 367)

Herr Erich Uhmman (*Stollberg-Sachsen, Germany*): *Platypria* (*Opinion* 376)

Professor A. Vandel (*Université de Toulouse, Laboratoire de Zoologie de la Faculté des Sciences, Toulouse, France*): *Tylos* (*Opinion* 369)

3. The family-group-name position involved in each of the *Opinions* concerned is examined in turn in the paper which forms the Annexe to the present note. Proposals are submitted in each case where action is called under the General Directives issued to the International Commission by the Fourteenth International Congress of Zoology, Copenhagen, 1953, when establishing the *Official List of Family-Group Names in Zoology* and the corresponding *Official Index* of rejected and invalid names of the family-group category.

A N N E X E

Proposals for the addition to the " Official List of Family-Group Names in Zoology " or, as the case may be, to the " Official Index of Rejected and Invalid Family-Group Names in Zoology " of family-group names involved in the cases dealt with in " Opinions " 362—379

OPINION 362 (Geoffroy, 1762, *Traité Sommaire*)

This *Opinion* is concerned only with the status of the above book.

OPINION 363 (*Ancylus* Müller (O.F.), 1774)

The following names to be placed on the *Official List* :—

- (a) ANCYLINAE (correction of ANCYLIDIA) Rafinesque (C.S.), 1815, *Analyse de la Nature* : 143 (type genus : *Ancylus* Müller (O.F.), 1774) (proposed by Rafinesque as the name for a “sous-famille”) (first published with an approved termination (as ANCYLINAE) by Fischer (P.), [1883] (*Manuel Conchyliol.* : 504) (Class Gastropoda)
- (b) ACROLOXINAE Thiele (J.), 1931, *Handb. syst. Weichtierk.* 1 : 484 (type genus : *Acroloxus* Beck, 1837) (Class Gastropoda).

The following names to be placed on the *Official Index* :—

- (a) ANCYLIDIA Rafinesque (C.S.), 1815 (type genus : *Ancylus* Müller (O.F.), 1774) (an Invalid Original Spelling for ANCYLINAE)
- (b) ANCYLEA Menke (C.T.), 1830, *Synopsis meth. Moll.* : 11 (type genus : *Ancylus* Müller (O.F.), 1774) (an Erroneous Subsequent Spelling for ANCYLIDAE).

OPINION 364 (*Ancylastrum* Bourguignat, 1853)

The generic name *Ancylastrum* Bourguignat, 1853, has not been taken as the base for a family-group name.

OPINION 365 (*Crotalus atrox* Baird & Girard, 1853)OPINION 366 (*Caudisona polysticta* Cope, 1865)

No family-group name problem arises in connection with either of these *Opinions*, both of which are concerned only with specific names.

OPINION 367 (*Toernquistia* Reed, 1896, and *Tornquistia* Paeckelmann, 1930)

The following name to be placed on the *Official List* :—

- TOERNQUISTIIDAE Hupé (P.), 1953, *Traité de Paléontologie* (ed. J. Piveteau) 3 : 198 (type genus : *Toernquistia* Reed, 1896) (Class Trilobita)

Note :—The generic name *Tornquistia* Paeckelmann, 1930 (Class Brachiopoda) has not been taken as the base for a family-group name, this genus being currently placed in the family CHONETIDAE.

OPINION 368 (*Jakowleffia* Puton, 1875, and *Yakovlevia* Fredericks, 1925)

Neither of the above generic names has been taken as the base for a family-group name. The genus *Jakowleffia* Puton, 1875 (Class

Insecta, Order Hemiptera) is currently placed in the family LYGAEIDAE, while the genus *Yakovlevia* Fredericks, 1925 (Class Brachiopoda) is placed in the family PRODUCTIDAE (*sens. lat.*).

OPINION 369 (*Tylos* Audouin, [1826], and *Micropeza* Meigen, 1803)

The following names to be placed on the *Official List* :—

(a) TYLINAE Dana (J.D.), 1852, *Amer. J. Sci. Arts* (2) 14 : 301 (type genus : *Tylos* Audouin, [1826]) (Class Crustacea, Order Isopoda)

(b) MICROPEZIDAE Loew, 1862, *Smithson. misc. Coll.* 6 (Art. 1) : 38 (type genus : *Micropeza* Meigen, 1803) (Class Insecta, Order Diptera)

The following name to be placed on the *Official Index* :—

TYLIDAE Czerny, 1930, in Lindner, *Die Fliegen* 5(42a) : 1) (type genus : *Tylos* Meigen, 1800) (Class Insecta, Order Diptera)

Note :—The generic names *Tylos* Meigen, 1800, and *Micropeza* Meigen, 1803, are objective synonyms of one another. In *Opinion* 369 the name *Tylos* Meigen, 1800, was suppressed by the Commission under its Plenary Powers.

OPINION 370 (*Archaeocidaris* McCoy, 1844)

The following name to be placed on the *Official List* :—

ARCHAEOCIDARIDAE McCoy, 1849, *Ann. Mag. nat. Hist.* (2) 3 : 253 (type genus : *Archaeocidaris* McCoy, 1844)

OPINION 371 (*Pholidocidaris* Meek & Worthen, 1869)

OPINION 372 (*Lovenechinus* Jackson, 1912)

No family-group-name problem arises in connection with the names of either of these Echinoid genera. The genus *Pholidocidaris* Meek & Worthen, 1869, is currently placed in the family LEPIDOCENTRIDAE and the genus *Lovenechinus* Jackson, 1912, in the family PALAEECHINIDAE.

OPINION 373 (*Amphipsylla* Wagner, 1909, and *Palaeopsylla* Wagner, 1903)

The following name to be placed on the *Official List* :—

AMPHIPSYLLINA Ioff, 1936, *Z. Parasitenk.* 9 : 73, 76 (type genus : *Amphipsylla* Wagner, 1909). (The name AMPHIPSYLLINA was introduced as the name for a "Tribus".) (Class Insecta, Order Siphonaptera)

Note :—The generic name *Palaeopsylla* Wagner, 1903, has not been taken by any author as the base for a family-group name.

OPINION 374 (*Antirhynchonella* Oehlert, 1887)

No family-group name problem arises in this case.

OPINION 375 (*Heterandria* Agassiz, 1853, etc.)

The following names to be placed on the *Official List* :

- (a) HETERANDRIINI Hubbs, 1924, *Misc. Publ. Mus. Zool. Univ. Mich.* **13** : 7 (type genus : *Heterandria* Agassiz (J.L.R.), 1853). (This family-group name was published as the name for a tribe.) (Class Osteichthyes)
- (b) GAMBUSIINAE Gill, 1893, *Nat. Acad. Sci.* **6** : 133 (type genus : *Gambusia* Poey, 1854) (Class Osteichthyes)
- (c) POECILIOPSINAE Hubbs, 1924, *Misc. Publ. Mus. Zool. Univ. Mich.* **13** : 9 (type genus : *Poeciliopsis* Regan, 1913) (Class Osteichthyes)

OPINION 376 (*Platypria* Guérin-Méneville, 1840)

No family-group-name problem arises in this case, the genus *Platypria* Guérin-Méneville, 1840, being currently placed in the subfamily HISPINAE of the family CHRYSOMELIDAE (Class Insecta, Order Coleoptera).

OPINION 377 (*Aneides* Baird, 1851)

The generic name *Aneides* Baird has never been made the base for a family or subfamily name. The genus *Aneides* is currently placed in the family PLETHODONTIDAE (Class Amphibia, Order Caudata).

OPINION 378 (*Pontonia* Latreille, 1829)

The following name to be placed on the *Official List* :—

PONTONIINAE (correction of PONTONINAE) Kingsley, 1878, *Bull. Essex Inst.* **10** : 64 (type genus : *Pontonia* Latreille, 1829) (Class Crustacea, Order Decapoda)

The following name to be placed on the *Official Index* :—

PONTONINAE Kingsley, 1878 (type genus : *Pontonia* Latreille, 1829) (an Invalid Original Spelling for PONTONIINAE)

OPINION 379 (*Sphinx* Linnaeus, 1758)

The following name to be placed on the *Official List* :—

SPHINGIDAE (correction of SPHINGIDES) Latreille, [1802—1803], *Hist. nat. gén. partic. Crust. Ins.* **3** : 400 (type genus : *Sphinx* Linnaeus, 1758) (first published with an approved termination)

(as SPHINGIDAE) by Samouelle (G.), 1819, *Entomologist's usef. Compend.* : 243) (Class Insecta, Order Lepidoptera)

Note :—In the above work Latreille cited family names both in a vernacular (French) form and in a Latin form, the name in the French form being printed in Roman capitals and that of the Latin in italics. In the present case the French form of the word was printed as “SPHINGIDES”, the Latin form as “*Sphingides*”.

The following names to be placed on the *Official Index* :—

- (a) SPHINGES Scopoli, 1777, *Introd. Hist. nat.* : 413 (invalid because, although published as the name for a suprageneric group, the group so established did not include the genus *Sphinx* Linnaeus, 1758) ;
- (b) SPHINGIDES Latreille, [1802—1803], *Hist. nat. gén. partic. Crust. Ins.* 3 : 400 (type genus : *Sphinx* Linnaeus, 1758) (an Invalid Original Spelling for SPHINGIDAE) ;
- (c) The following Erroneous Subsequent Spellings for SPHINGIDAE (correction of SPHINGIDES) Latreille, [1802—1803], each of which was published as a family name :—
 - (i) SPHINGOIDES Burmeister, 1829, *De Ins. Syst. Nat.*, Inaug.-Diss. Halle : 27
 - (ii) SPHINGITES Newman, [1836], *Grammar Entom.* : 174
 - (iii) SPHINGIADAE Harris, 1839, in *Silliman's Amer. J. Sci. Art* 36 : 290
 - (iv) SPHINGOIDAE Wallengren, 1865, *K. svensk. Vet.-Akad. Handl.*, 5(4) : 17
 - (v) SPHINGIDA Haeckel, 1896, *Syst. Phyl.* 3 (Wirb. Thiere) : 710

4. Registration of the present application : When in April 1955, Mr. Hemming submitted to the Commission the proposals which in concert with interested specialists he had drawn up for dealing with the family-group-name implications involved in the *Opinions* which it was then proposed should be included in Volume 10 of the *Opinions and Declarations Series* [i.e. the paper, the portions of which relating to *Opinions* 351—361 have been reproduced in paragraph 2 of the present *Direction*], the problems so involved were allotted the Registered Number Z.N.(S.) 916. As has already been explained, the foregoing *Opinions* were later transferred to Volume 11 of the *Opinions and Declarations Series*. When in January 1956, Mr. Hemming submitted to the Commission the

paper regarding the remaining *Opinions* (*Opinions* 362—379) included in Volume 11 of the present Series [i.e. the paper reproduced in paragraph 3 of the present *Direction*], the problems so involved were allotted the Registered Number Z.N.(S.) 1048.

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

5. Issue of Voting Paper V.P.(O.M.)(55)15 : On 18th April 1955 a Voting Paper (V.P.(O.M.)(55)15) 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 on the various *Official Lists* and *Official Indexes* of decisions in regard to particular names and particular books issued to the International Commission by the Thirteenth International Congress of Zoology, Paris, 1948, and with the General Directive supplementary thereto issued to the Commission by the Fourteenth International Congress of Zoology, Copenhagen, 1953, the entries relating to the family-group names involved in the cases dealt with in the *Opinions* (*Opinions* 334—361⁸) included in Volume 10 of the work *Opinions and Declarations*, as recommended in paragraph 6 of the paper numbered Z.N.(S.) 916 and as specified in Annexe 2 to that paper, submitted by the Secretary simultaneously with the present Voting Paper [i.e. in paragraph 6 of the application reproduced in paragraph 2 of the present *Direction*], should be made in the *Official List* and *Official Index* for the names of taxa belonging to the family-group, as there proposed " and (2), if he did not so agree as regards any given item, to indicate that item.

6. The Prescribed Voting Period for Voting Paper V.P.(O.M.)(55)15 : As the foregoing Voting Paper was issued under the One-Month Rule, the Prescribed Voting Period closed on 18th May 1955.

⁸ See Footnote 1.

7. Particulars of the Voting on Voting Paper V.P.(O.M.)(55)15 :

At the close of the Prescribed Voting Period, the state of the voting on Voting Paper V.P.(O.M.)(55)15 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) :*

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

- (b) *Negative Votes :*

None ;

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

Holthuis ;

- (d) *Voting Papers not returned :*

None.

8. Declaration of Result of Vote on Voting Paper V.P.(O.M.)(55)15 : On 19th May 1955, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(O.M.)(55)15, signed a Certificate that the Votes cast were as set out in paragraph 7 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.

9. Issue of Voting Paper V.P.(O.M.)(56)2 : On 23rd January 1956, a Voting Paper (V.P.(O.M.)(56)2) 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 on the various *Official Lists* and *Official Indexes* of decisions in regard to particular names and particular books issued to the International Commission by the Thirteenth International Congress of Zoology, Paris, 1948, and with the General Directive supplementary thereto on the subject of family-group names issued to the Commission by the Fourteenth International Congress of Zoology, Copenhagen, 1953, the entries relating to the family-group names involved in the cases dealt with in *Opinions* 362—379, being the *Opinions* included in the latter part of Volume 11 of the work *Opinions and Declarations*, as recommended in the Annexe to the paper numbered Z.N.(S.) 1048, submitted by the Secretary simultaneously with the present Voting Paper [i.e. in the Annexe to the paper reproduced in paragraph 3 of the present *Direction*], be made in the *Official List* and *Official Index* for the names of taxa belonging to the family-group, as there proposed" and (2), if he did not so agree as regards any given item, to indicate that item.

10. The Prescribed Voting Period for Voting Paper V.P.(O.M.)(56)2 : As the foregoing Voting Paper was issued under the One-Month Rule, the Prescribed Voting Period closed on 23rd February 1956.

11. Particulars of the Voting on Voting Paper V.P.(O.M.)(56)2 : At the close of the Prescribed Voting Period, the state of the voting on Voting Paper V.P.(O.M.)(56)2 was as follows :—

(a) *Affirmative Votes had been given by the following twenty-two (22) Commissioners (arranged in the order in which Votes were received) :*

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

(b) *Negative Votes* :

None ;

(c) *Voting Papers not returned* : three (3) :

Esaki ; Miller ; Prantl.

12. Declaration of Result of Vote on Voting Paper V.P.(O.M.) (56)2 : On 24th February 1956, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(O.M.)(56)2, signed a Certificate that the Votes cast were as set out in paragraph 11 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.

13. 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 Votes on Voting Paper V.P.(O.M.)(55)15 and on Voting Paper V.P.(O.M.)(56)2 respectively.

14. Original References : The original references for the names placed respectively on the *Official List of Family-Group Names in Zoology* and on the *Official Index of Rejected and Invalid Family-Group Names in Zoology* by the Ruling given in the present *Direction* are as set out (a) in Annexe 2 to the application reproduced in paragraph 2 of the present *Direction* and (b) in the Annexe to the subsequent application reproduced in paragraph 3 of this *Direction*.

15. 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.

16. The present *Direction* shall be known as *Direction* Forty-One (41) 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



International Commission on Zoological Nomenclature. 1956. "Direction 41 Addition to the Official List of family- group names in Zoology or, as the case may be, to the Official Index of Rejected and Invalid family-group names in Zoology of the family-group names Involved in volume 11 of the Opinions and Declarations rendered by the International Commission on Zoological nomenclature, other than family-group names already dealt with in those Opinions." *Opinions and declarations rendered by the International Commission on Zoological Nomenclature* 11, 431–452.

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