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OPINIONS AND DECLARATIONS RENDERED BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

Edited by

FRANCIS HEMMING, C.M.G., C.B.E. Secretary to the Commission

VOLUME 2. Part 53. Pp. 629-652

DIRECTION 4

Addition to the *Official Lists* and *Official Indexes* of certain scientific names and of the titles of certain books dealt with in *Opinions* 134—160, exclusive of *Opinion* 149



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

1954

Price Eleven 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 4**

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DIRECTION 4

ADDITION TO THE "OFFICIAL LISTS" AND "OFFICIAL INDEXES" OF CERTAIN SCIENTIFIC NAMES AND OF THE TITLES OF CERTAIN BOOKS DEALT WITH IN "OPINIONS" 134—160, EXCLUSIVE OF "OPINION" 149

RULING:—(1) The under-mentioned generic names are hereby placed on the Official List of Generic Names in Zoology as Names Nos. 802—805 respectively:—(a) Merops Linnaeus, 1758 (gender: masculine) (type species, by Linnean tautonymy (Opinion 16): Merops apiaster Linnaeus, 1758) (Class Aves) (Opinion 140); (b) Merope Newman, 1838 (gender: feminine) (type species, by monotypy: Merope tuber Newman, 1838) (Class Insecta, Order Mecoptera) (Opinion 140); (c) Tingis Fabricius, 1803 (gender: feminine) (type species, by selection by Latreille (1810): Cimex cardui Linnaeus, 1758) (Class Insecta, Order Hemiptera) (Opinion 143); (d) Cynthia Fabricius, 1807 (gender: feminine) (type species, by selection by Westwood (1840): Papilio cardui Linnaeus, 1758) (Class Insecta, Order Lepidoptera) (to be used by any specialist who may consider that the type species of this genus is generically distinct from Papilio atalanta Linnaeus, 1758, the type species of Vanessa Fabricius, 1807, but not to be used in preference to the name Vanessa Fabricius, 1807) (Opinion 156).

(2) The under-mentioned specific names are hereby placed on the Official List of Specific Names in Zoology as Names Nos. 241—266 respectively:—(a) achilles Linnaeus, 1758, as published in the combination Papilio achilles (specific name of type species of Morpho Fabricius, 1807) (Class Insecta, Order Lepidoptera) (Opinion 137); (b) pygmaeus Linnaeus, 1767, as published in the combination Sirex pygmaeus (specific name of type species of Cephus Latreille, [1802—1803])

(Class Insecta, Order Hymenoptera) (*Opinion* 139); (c) abdominalis Panzer, [1798], as published in the combination *Tiphia abdominalis* (specific name of type species of *Astata* Latreille, 1796) (Class Insecta, Order Hymenoptera) (*Opinion* 139); (d) *apiaster* Linnaeus, 1758, as published in the combination Merops apiaster (specific name of type species of Merops Linnaeus, 1758) (Class Aves) (Opinion 140); (e) tuber Newman, 1838, as published in the combination Merops tuber (specific name of type species of Merope Newman, 1838) (Class Insecta, Order Mecoptera) (Opinion 140); (f) actaea Esper, [1780], as published in the combination Papilio actaea (type species, by designation under the Plenary Powers, of Satyrus Latreille, 1810) (Class Insecta, Order Lepidoptera) (Opinion 142); (g) cardui Linnaeus, 1758, as published in the combination Cimex cardui (specific name of type species of Tingis Fabricius, 1803) (Class Insecta, Order Hemiptera) (*Opinion* 143); (h) *cribraria* Linnaeus, 1758, as published in the combination *Vespa* cribraria (specific name of type species, by designation under the Plenary Powers, of Crabro Fabricius, 1775) (Class Insecta, Order Hymenoptera) (Opinion 144); (i) lutea Linneaus, 1758, as published in the combination Tenthredo lutea (specific name of type species, by designation under the Plenary Powers, of *Cimbex* Olivier, 1790) (Class Insecta, Order Hymenoptera) (*Opinion* 144¹); (j) *hyale* Linnaeus, 1758, as published in the combination Papilio hyale (specific name of type species, by designation under the Plenary Powers, of *Colias* Fabricius, 1807) (Class Insecta, Order Lepidoptera) (*Opinion* 145); (k) *nigra* Linnaeus, 1758, as published in the combination Formica nigra (specific name of type species, by designation under the Plenary Powers, of Lasius Fabricius, [1804— 1805]) (Class Insecta, Order Hymenoptera) (*Opinion* 151); (l) *pilipes* Fabricius, 1775, as published in the combination

By inadvertence not all of the requisite information was submitted to the International Commission at the time when, by the Ruling given in *Opinion* 144, it validated the name *Cimbex* Olivier, 1790, under its Plenary Powers. On this omission coming to light, the necessary further action was taken by the Commission by a decision which has since been embodied in *Opinion* 216 (1954, *Ops. Decls. int, Comm. zool, Nomencl.* 4:63—72).

Apis pilipes (specific name of type species, by designation under the Plenary Powers, of Anthophora Latreille, 1803) (Class Insecta, Order Hymenoptera) (Opinion 151); (m) fuscicornis Jurine, 1807, as published in the combination Omalus fuscicornis (specific name of type species, by designation under the Plenary Powers, of Bethylus Latreille, [1802-1803]) (Class Insecta, Order Hymenoptera) (Opinion 153); (n) formicarius Latreille, ([1804— 1805], as published in the combination Dryinus formicarius (specific name of type species of Dryinus Latreille, [1804]) (Class Insecta, Order Hymenoptera) (Opinion 153); (o) falcata Poda, 1761, as published in the combination Gryllus falcata (specific name of type species, by designation under the Plenary Powers, of Phaneroptera Serville, 1831) (Class Insecta, Order Orthoptera) (*Opinion* 154); (p) *lilifolia* Fabricius, 1793, as published in the combination Locusta lilifolia (specific name of type species of Tylopsis Fieber, 1853) (Class Insecta, Order Orthoptera) (Opinion 154); (q) bedeguaris Linnaeus, 1758 as published in the combination Ichneumon bedeguaris (specific name of type species, by designation under the Plenary Powers, of Torymus Dalman, 1820) (Class Insecta, Order Hymenoptera) (Opinion 155); (r) atalanta Linnaeus, 1758, as published in the combination Papilio atalanta (specific name of type species of Vanessa Fabricius, 1807) (Class Insecta, Order Lepidoptera) (Opinion 156); (s) cardui Linnaeus, 1758, as published in the combination Papilio cardui (specific name of type species of Cynthia Fabricius, 1807) (Class Insecta, Order Lepidoptera) (Opinion 156); (t) viduatorius Fabricius, [1804—1805], as published in the combination Cryptus viduatorius (specific name of type species of Cryptus Fabricius, [1804-1805]) (Class Insecta, Order Hymenoptera) (Opinion 157); (u) enodis Linnaeus, 1767, as published in the combination Tenthredo enodis (specific name of type species of Arge Schrank, 1802) (Class Insecta, Order Hymenoptera) (Opinion 157); (v) pini Linneaus, 1758, as published in the combination Tenthredo pini (specific name of type species of Diprion Schrank, 1802) (Class Insecta, Order Hymenoptera) (Opinion 157); (w) migratorius Linneaus, 1758, as published in the combination Gryllus migratorius (specific

name of type species, by designation under the Plenary Powers, of *Locusta* Linnaeus, 1758) (Class Insecta, Order Orthoptera) (*Opinion* 158); (x) extensorius Linnaeus, 1758, as published in the combination *Ichneumon extensorius* (specific name of type species, by designation under the Plenary Powers, of *Ichneumon* Linnaeus, 1758 (Class Insecta, Order Hymenoptera) (*Opinion* 159); (y) instigator Fabricius, 1793, as published in the combination *Ichneumon instigator* (specific name of type species, by designation under the Plenary Powers, of *Pimpla* Fabricius, [1804—1805]) (Class Insecta, Order Hymenoptera) (*Opinion* 159); (z) manifestator Linnaeus, 1758, as published in the combination *Ichneumon manifestator* (specific name of type species, by designation under the Plenary Powers, of *Ephialtes* Gravenhorst, 1829) (Class Insecta, Order Hymenoptera) (*Opinion* 159).

(3) The under-mentioned generic names are hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology as Names Nos. 212—221 respectively:—(a) the following generic names published on plates in volume 1 of Hübner (J.), Sammlung exotischer Schmetterlinge, being names suppressed under the Plenary Powers for the purposes of the Law of Priority but not for those of the Law of Homonymy:—(i) Potamis Hübner, [1807]; (ii) Rusticus Hübner, [1807]; (iii) Mancipium Hübner, [1807] (Opinion 137); (b) Astatus [Jurine], 1801 (a name published in a work suppressed for nomenclatorial purposes under the Plenary Powers) (Opinion 139); (c) Crabro Geoffroy, 1762 (a name suppressed under the Plenary Powers for the purposes both of the Law of Priority and of the Law of Homonymy²) (Opinion 144); (d) Lasius Panzer, [1801—1802] (a name suppressed under the Plenary Powers for the purposes both of the Law of Priority and of the Law of

At the time when the name Crabro Geoffroy, 1762, was suppressed under the Plenary Powers, it was an open question whether the Histoire abrégée in which it was published was an available work under Article 25 of the Règles. It has since been ruled by the Commission that the foregoing work does not comply with the requirements of the above Article and therefore that no name acquired the status of availability by reason of having been published in Geoffroy's Histoire abrégée. See Opinion 228 (1954, Ops. Decls. int. Comm. zool. Nomencl. 4: 209—220).

Homonymy) (Opinion 151); (e) Podalirius Latreille, 1802 (a name suppressed under the Plenary Powers for the purposes of the Law of Priority but not for those of the Law of Homonymy) (Class Insecta, Order Hymenoptera) (Opinion 151); (f) Callimome Spinola, 1811 (a name suppressed under the Plenary Powers for the purposes of the Law of Priority but not for those of the Law of Homonymy) (Class Insecta, Order Hymenoptera) (Opinion 155); (g) Misocampe Latreille, 1818 (a name suppressed under the Plenary Powers for the purposes of the Law of Priority but not for those of the Law of Homonymy) (Class Insecta, Order Hymenoptera) (Opinion 155); (h) Ephialtes Schrank, 1802 (a name suppressed under the Plenary Powers for the purposes both of the Law of Priority and of the Law of Homonymy) (Class Insecta, Order Hymenoptera) (Opinion 159).

(4) The titles of the under-mentioned works are hereby placed on the Official List of Works approved as Available for Zoological Nomenclature as Works Nos. 12—16 respectively:—(a) Freyer (C. F.), Neuere Beiträge zur Schmetterlingskunde, 7 vols., 1833—1858 (species described as new in this work to be treated as having been described as belonging to the genus cited by Freyer at the head of the description and not to the genus with the name of which the new specific name was actually combined) (Opinion 134); (b) Latreille (P. A.), Considérations générales sur l'Ordre naturel des Animaux composant les Classes des Crustacés, des Arachnides et des Insectes avec un Tableau méthodique de leurs Genres disposés en Familles, 1810 (the entries in the Tableau Méthodique³ at the end of this work to be accepted as

It may be noted that, although the very important list of genera containing type selections made by Latreille in the Considerations générales is referred to on the title page of that work under the title "Tableau méthodique de leurs Genres disposés en Familles, this is not the title actually used by Latreille at the head of this list, which was as follows:—Table des Genres avec l'indication de l'espèce qui leur sert de type". It is presumably because of the use by Latreille of the word "Tableau" in the expression "Tableau méthodique" on the title page and of the substitution for that word of the word "Table" at the head of the list itself that this list has been commonly, though incorrectly, referred to in the literature as the "Table méthodique" of Latreille (1810).

constituting the selection, under Rule (g) in Article 30, of type species for the genera concerned in those cases where Latreille there cited for the genus in question one nominal species only but in no other case, it being understood that the selection so made is to be accepted as a valid selection, only (i) if the nominal species so selected was one of those included in the genus by its original author and (ii) if the type species for the genus concerned had not already been determined under any of the earlier Rules in Article 30 or by a previous selection made under Rule (g) in that Article) (Opinion 136, incorporating Opinion 11); (c) Fabricius (J. C.), a paper entitled "Die neueste Gattungs-Eintheilung der Schmetterlinge aus den Linneischen Gattungen Papilio und Sphinx" published in 1807 on pages 277—295 of volume 6 of the serial publication Magazin für Insektenkunde herausgegeben von Karl Illiger (generic names published in the foregoing paper to take precedence over any names published for the same genera earlier in 1807 by Hübner (J.) on the legends to plates in volume 1 of the work entitled Sammlung exotischer Schmetterlinge) (Ruling given under the Plenary Powers) (Opinion 137); (d) Hübner (J.), Sammlung exotischer Schmetterlinge, 3 vols. (vol. 2 completed, and vol. 3 compiled, by Geyer (C.)), 1806—[1838] (generic names published on the legends of plates in vol. 1 of this work prior to the publication in 1807 by Fabricius (J. C.) of the paper entitled "Die neueste Gattungs-Eintheilung der Schmetterlinge aus den Linneischen Gattungen Papilio und Sphinx" not to take precedence over names published by Fabricius for the same genera) (Ruling given under the Plenary Powers) (Opinion 137); (e) Hübner (J.), Verzeichniss bekannter Schmettlinge [sic], 1816—[1826] (the dates, as determined in the light of the discovery of Hübner's manuscripts, to be accepted for the several portions of this work being as follows:—(1) pp. 1—16, 1816; (2) pp. 17—176, [1819]; (3) pp. 177—208, [1820]; (4) pp. 209—256, [1821]; (5) pp. 257—304, [1823]; (6) pp. 305—431, [1825]; (7) Anzeiger, pp. 1—72, [1826]) (Opinion 150).

⁽⁵⁾ The under-mentioned work is hereby placed on the Official Index of Rejected and Invalid Works in Zoological

Nomenclature as Work No. 28:—[Jurine, (L.)], the anonymous paper entitled "Nachricht von Einen neuen entomolischen [sic] Werke des Hrn. Prof. JURINE in Geneve" (dealing with the generic classification of the Order Hymenoptera (Class Insecta)) and commonly known as the "Erlangen List" published in 1801 on pp. 161—165 of the unnumbered volume for that year of the serial publication Intelligenz-Blatt der Literatur-Zeitung (a paper suppressed for nomenclatorial purposes under the Plenary Powers) (Opinion 135).

I.—THE SUBJECT MATTER OF THE PRESENT "DIRECTION"

The present Direction contains the fourth instalment of decisions taken by the International Commission on Zoological Nomenclature under the General Directive given to it by the Thirteenth International Congress of Zoology, Paris, 1948, that it should review the Rulings given in all its previous Opinions for the purpose of placing on the various Official Lists and Official Indexes scientific names dealt with in those Opinions and the titles of books similarly dealt with. The first and third instalments (Directions 1 and 3) contained decisions taken by the International Commission after reviewing the Rulings given in Opinions 182-194, the first thirteen Opinions included in volume 3 of the present work; the second instalment (Direction 2) contained decisions taken after the review of Opinions 161-181. The present Direction contains the decisions taken by the Commission after reviewing the Rulings given in *Opinions* 134—160, exclusive of *Opinion* 149, which it was considered could more conveniently be dealt with separately owing to the large number of names involved. The present *Direction* concludes the review by the Commission of the Rulings given in

Opinions 134—160, save as regards certain individual items which, as explained in the notes reproduced in paragraph 2 of the present *Direction*, have been reserved by the Commission for individual treatment.

2. On 5th April 1954, Mr. Francis Hemming, as Secretary, submitted to the Commission the following note covering the annexed Draft of a *Direction* embodying his proposals for the codification, in accordance with the decision of the Paris Congress, of the Rulings given by the Commission in *Opinions* 134—160, exclusive of *Opinion* 149, proposals relating to which were deferred by Mr. Hemming for separate submission to the Commission⁴:—

Addition to the "Official Lists" and "Official Indexes" of certain names and of the titles of certain books dealt with in "Opinions" 134—148 and 150—160, under the General Directives on this subject issued to the Commission by the Thirteenth (Paris) and Fourteenth (Copenhagen) International Congresses of Zoology

In my Note dated 12th February 1954 I submitted to the Commission with V.P.(54)6 proposals for the addition to the *Official Lists* and *Official Indexes* of certain names dealt with in the Commission's *Opinions* 161—181, under the General Directive on this subject issued to the Commission by the Thirteenth International Congress of Zoology, Paris, 1948. I now submit corresponding proposals relating to the Commission's *Opinions* 134—148 and 150—160. *Opinion* 149 contains a large number of names which will need to be added to the *Official List of Specific Names in Zoology*, and I have thought that it would be more convenient to reserve the proposals in regard to this *Opinion* for submission with a later Note.

2. I have annexed to the present paper a series of short notes containing explanations of certain of the proposals now submitted, which I hope will serve the convenience of members of the Commission.

Notes on Points arising on "Opinions" 134-160

Note 1: Opinion 136 was itself no more than a clarification of a Ruling given in Opinion 11 in regard to the interpretation, in relation to Rule (g) in Article 30, of action taken by Latreille in 1810 in the Tableau méthodique annexed to his Considérations générales. It would clearly be not only impracticable but also highly inappropriate to attempt to codify the Ruling given in Opinion 136 independently of that given in

⁴ See Direction 5 (1954, Ops. Decls. int. Comm. zool. Nomencl. 2: 653-664.

Opinion 11. Accordingly, in the codification now submitted the Rulings given in these two Opinions are dealt with together.

Note 2: In Opinion 137 the Plenary Powers were used (conditionally) for the purpose of protecting three well-known generic names, but through some inadvertence it was not expressly stated in the Official Record of the Session held by the Commission at Lisbon (where the Ruling given in this Opinion was adopted) that these three generic names were to be placed on the Official List. When during the late war I was engaged in compiling the Official List of Generic Names in Zoology, I brought this omission to the notice of President Karl Jordan who thereupon gave directions that, subject to later confirmation by the Commission, these names (Morpho Fabricius; Helicopis Fabricius; Pontia Fabricius) were to be treated as having been placed on the Official List. The action so taken was reported to the Commission in Paris with reference to the second and third of these names which then came before it in another connection, and the action of President Jordan in this matter was confirmed; at the same time the names of the type species of Helicopis and Pontia were placed on the Official List of Specific Names in Zoology. Accordingly, all that is now required to give effect to the Paris Congress' General Directive is that the name of the type species of Morpho should be placed on the foregoing Official List and that the three corresponding generic names published by Hübner in the Samml. exot. Schmett should be placed on the Official Index.

Note 3: Opinion 138 is concerned only with the interpretation of a provision in the Règles and no action is called for at the present time in connection with this Opinion.

Note 4: Opinion 140 was primarily concerned with the formation of two family names which are now to be entered on the Official List of Family-Group Names in Zoology. At the same time it will be necessary to place on the Official List of Generic Names the names of the type genera of these families and on the Official List of Specific Names the specific names of the type species of these two genera. The particulars needed for this purpose are not given in this Opinion, and I have accordingly made special inquiries for the purpose of securing the necessary information. (A) The name Merops Linnaeus, 1758, is accepted by all ornithologists as the generic name for the Bee-Eater and Merops apiaster Linnaeus, 1758, is accepted by all workers as the type species of this genus; it became the type species by Linnean tautonymy through the citation by Linnaeus under the name Merops apiaster of the pre-1758 univerbal name "Merops" by various early authors. (B) The name Merope Newman, 1838: I have consulted Mr. N. D. Riley (British Museum (Natural History), London), who informs me that the name Merope Newman, 1838, is currently accepted as the name of a taxonomically valid genus, which in turn is the type genus of the currently

accepted family MEROPEIDAE, that this name is feminine in gender, that the type species of the above genus is *Merope tuber* Newman, 1838, by monotypy, that the specific name *tuber* Newman is currently accepted as the oldest available name for the species concerned and therefore that both the generic name *Merope* Newman and the specific name *tuber* Newman (*Merope*) are eligible for admission to the appropriate *Official Lists* and should be so admitted.

- Note 5: For reasons similar to those explained in Note 3 above in connection with *Opinion* 138, no action at the present time is called for in connection with *Opinion* 141.
- Note 6: Like Opinion 140, Opinion 143 is mainly concerned with the formation of a family name, and it is necessary now to place the type genus of that family and the specific name of the type species of that genus on the appropriate Official Lists. I have consulted Dr. W. E. China (British Museum (Natural History), London), who informs me that the type species of Tingis Fabricius, 1803 is Cimex cardui Linnaeus, 1758, by selection by Latreille, 1810, that the name cardui Linnaeus is currently accepted for the species so named, that there is agreement among specialists on these questions and therefore that these names should be entered in the Official Lists concerned.
- Note 7: For reasons similar to those explained in Note 3 above in connection with *Opinion* 138, no action at the present time is called for in connection with *Opinion* 145.
- Note 8: For reasons similar to those referred in the immediately preceding note, no action is called for at the present time in connection with *Opinion* 147 or with *Opinion* 148.
- Note 9: Proposals for the codification of the names included in the Ruling given in *Opinion* 149 will be submitted in a later Voting Paper⁵.
- Note 10: Opinion 152 is concerned with Meigen, 1800, Nouvelle Classification des Mouches à deux ailes. The Ruling given was purely interim in character. A comprehensive proposal on this subject has since been submitted by Dr. C. W. Sabrosky (Z.N.(S.) 191)⁶.
- Note 11: The purpose of the application dealt with in Opinion 156 was to secure a Ruling which would prevent any possibility of the substitution of the name Cynthia Fabricius, 1807, for the name Vanessa Fabricius, 1807, two names of which the latter is a household word, while the former has only been used intermittently. The two names were published in the same work and the name Cynthia has page precedence over Vanessa. The difficulties of the literature in this group are such that it has been found that the "First Reviser" Rule cannot be relied upon to produce a conclusion which would not be open to

⁵ See footnote 4.

⁶ Sabrosky, 1952, Bull. zool. Nomencl. 6: 131-141.

challenge. For this reason there was a tendency at the time of the submission of this application for specialists to rely upon the principle of page precedence. The name *Cynthia* Fabricius is an available name, being only a subjective synonym of *Vanessa* Fabricius. It would be appropriate, therefore, for that name now to be placed on the *Official List of Generic Names* with a note that it is available for use by any specialist who considers that the type species of *Cynthia* and *Vanessa* are generically distinct from one another but that this name is not available for use in preference to the name *Vanessa*.

Note 12: Opinion 160, which is concerned with the name Anguina Scopoli, 1777, gave only an interim Ruling which it is desirable should be replaced as quickly as possible by a definite Ruling. Proposals to this end have been submitted to the Commission and are now under consideration by it in the vote which is in progress on Voting Paper V.P.(54)15.

Annexe to the Note by the Secretary covering Voting Paper V.P.(O.M.)(54)4

ADDITION TO THE "OFFICIAL LISTS" AND "OFFICIAL INDEXES" OF CERTAIN SCIENTIFIC NAMES OF THE TITLES OF CERTAIN BOOKS DEALT WITH IN "OPINIONS" 134—148 AND 150—160

Draft Direction

The following scientific names and the titles of the following books dealt with in *Opinions* 134—160 are hereby added to the *Official Lists* and *Official Indexes* noted below in accordance (a) with the General Directive issued to the International Commission by the Thirteenth International Congress of Zoology, Paris, 1948, that it should insert in the foregoing *Lists* and *Indexes* entries relating to scientific names dealt with in *Opinions* rendered prior to the Paris Session and (b) with the corresponding Directive issued by the Fourteenth International Congress of Zoology, Copenhagen, 1953, that similar entries relating to the titles of books dealt with in such *Opinions* should be made in the *Official List* and *Official Index* established by that Congress for the recording of such decisions:—

OPINION 134: The title of the under-mentioned work with the annexed note is to be entered in the Official List of Works Approved as Available for Zoological Nomenclature:—Freyer (C. F.), Neuere Beiträge zur Schmetterlingskunde, 1833—1858, 7 vols. (species described as new in this work to be treated as having been described as belonging to the genus cited by Freyer at the head of the description and not to the genus in combination with the name of which the new specific name was actually cited).

OPINION 135: The title of the under-mentioned paper is to be entered in the Official Index of Rejected and Invalid Works in Zoological Nomenclature:—The paper by Jurine (L.) dealing with the generic classification of the Order Hymenoptera (Class Insecta) published anonymously in 1801 under the title "Nachricht von einen neuen entomolischen [sic] Werke des Hrn. Prof. Jurine in Geneve" ([anon.], 1801, Intelligenz-Blatt der Literatur-Zeitung 1801: 161—165) (suppressed for nomenclatorial purposes under the Plenary Powers).

OPINION 136 (embodying also OPINION 11): The title of the under-mentioned work is to be entered in the Official List of Works Approved as Available for Zoological Nomenclature, together with the accompanying note: Latreille (P. A.), 1810, Considérations générales sur l'Ordre naturel des Animaux composant les Classes des Crustacés, des Arachnides et des Insectes avec un Tableau méthodique de leurs Genres disposés en Familles (the entries in the Tableau méthodique at the end of this work are to be accepted as constituting the selection, under Rule (g) in Article 30, of type species for the genus concerned in those cases where Latreille there cited for the genus concerned one nominal species only but in no other case, it being understood that a selection so made is to be accepted as a valid selection only (a) if the nominal species so selected was one of those included in the genus by its original author and (b) if the type species for the genus concerned had not been determined under any of the earlier Rules in Article 30 or by a previous selection made under Rule (g)).

OPINION 137: (1) The titles of the under-mentioned works are to be entered in the Official List of Works Approved as Available for Zoological Nomenclature:—(a) Fabricius (J. C.), 1807, "Die neueste Gattungs-Eintheilung der Schmetterlinge aus den Linneischen Gattungen Papilio und Sphinx" (Fabricius (J. C.), 1807, Mag. f. Insektenk. (Illiger) 6:277—295); (b) Hübner (J.), 1806—[1838], Sammlung exotischer Schmetterlinge, 3 vols. (vol. 2 completed, and vol. 3 published, by Geyer (C.)) (generic names in this work published before the publication in 1807 by Fabricius (J. C.) of the paper entitled "Die neueste Gattungs-Eintheilung . . ." not to take precedence over the names so published by Fabricius). (2) The following entry to be made in the Official List of Specific Names in Zoology: achilles Linnaeus, 1758, as published in the combination Papilio achilles (specific name of type species of Morpho Fabricius, 1807). (3) The following entries to be made in the Official Index of Rejected and Invalid Generic Names in Zoology:—the under-mentioned names as published on plates in Hübner's Samml. exot. Schmett. and as suppressed under the Plenary Powers:— (a) Potamis Hübner [1807]; (b) Rusticus Hübner, [1807]; (c) Mancipium Hübner, [1807].

OPINION 139: (1) The following entries to be made in the Official List of Specific Names in Zoology:—(a) pygmaeus Linnaeus, 1767, as

published in the combination Sirex pygmaeus (specific name of type species of Cephus Latreille, [1802—1803]); (b) abdominalis Panzer, [1798], as published in the combination Tiphia abdominalis (specific name of type species of Astata Latreille, 1796). (2) The following entry to be made in the Official Index of Rejected and Invalid Generic Names in Zoology:—Astatus [Jurine], 1801 (name published in a work suppressed for nomenclatorial purposes under the Plenary Powers).

OPINION 140: (1) The following entries to be made in the Official List of Generic Names in Zoology:—(a) Merops Linnaeus, 1758 (gender: masculine) (type species, by Linnean tautonymy (Opinion 16): Merops apiaster, Linnaeus, 1758) (Class Aves); (b) Merope Newman, 1838 (gender: feminine) (type species, by monotypy: Merope tuber, Newman, 1838) (Class Insecta, Order Mecoptera). (2) The specific names of the type species of the two genera specified in (1) above to be placed on the Official List of Specific Names in Zoology. (3) The following entries to be made in the Official List of Family-Group Names in Zoology:—(a) MEROPIDAE (type genus: Merops Linnaeus, 1758); (b) MEROPEIDAE (type genus: Merope Newman, 1838) (family name formed under the Ruling given in Opinion 140).

OPINION 142: The following entry to be made in the Official List of Specific Names in Zoology: actaea Esper, [1780], as published in the combination Papilio actaea (specific name of type species of Satyrus Latreille, 1810, by designation under the Plenary Powers).

OPINION 143: (1) The generic name *Tingis* Fabricius, 1803 (gender: feminine) (type species, by selection by Latreille (1810): *Cimex cardui* Linnaeus, 1758) to be entered on the *Official List of Generic Names in Zoology*. (2) The specific name *cardui* Linnaeus, 1758, as published in the combination *Cimex cardui* (specific name of type species of *Tingis* Fabricius, 1803) to be entered in the *Official List of Specific Names in Zoology*. (3) The family name TINGIDAE (type genus: *Tingis* Fabricius, 1803) (family name formed under the Ruling given in *Opinion* 143) to be entered in the *Official List of Family-Group Names in Zoology*.

OPINION 144: (1) The name Crabro Geoffroy, 1762, as suppressed under the Plenary Powers for the purposes both of the Law of Priority and of the Law of Homonymy to be entered in the Official Index of Rejected and Invalid Generic Names in Zoology. (2) The following names to be entered in the Official List of Specific Names in Zoology:—(a) cribraria Linnaeus, 1758, as published in the combination Vespa cribraria (specific name of type species, by designation under the Plenary Powers, of Crabro Fabricius, 1775); (b) lutea Linnaeus, 1758, as published in the combination Tenthredo lutea (specific name of type species, by designation under the Plenary Powers, of Cimbex Olivier, 1790).

OPINION 146: The specific name hyale Linnaeus, 1758, as published in the combination Papilio hyale (specific name of type species, by designation under the Plenary Powers, of Colias Fabricius, 1807) to be entered in the Official List of Specific Names in Zoology.

OPINION 150: The following entry to be made in the Official List of Works Approved as Available for Zoological Nomenclature: Hübner (J.), 1816—[1826], Verzeichniss bekannter Schmettlinge [sic] (the dates, as determined in the light of the discovery of Hübner's manuscripts, to be accepted for the several portions of this work being as follows:—(1) pp. 1—16, 1816; (2) pp. 17—176, [1819]; (3) pp. 177—208, [1820]; (4) pp. 209—256, [1821]; (5) pp. 257—304, [1823]; (6) pp. 305—431, [1825]; (7) Anzeiger, pp. 1—72, [1826]).

OPINION 151: (1) The following entries to be made in the Official Index of Rejected and Invalid Generic Names in Zoology:—(a) Lasius Panzer, [1801—1802] (suppressed, under the Plenary Powers, for the purposes both of the Law of Priority and of the Law of Homonymy); (b) Podalirius Latreille, 1802 (suppressed, under the Plenary Powers, for the purposes of the Law of Priority but not for those of the Law of Homonymy). (2) The following entries to be made in the Official List of Specific Names in Zoology:—(a) nigra Linnaeus, 1758, as published in the combination Formica nigra (specific name of type species, by designation under the Plenary Powers, of Lasius Fabricius, [1804—1805]); (b) pilipes Fabricius, 1775, as published in the combination Apis pilipes (specific name of type species, by designation under the Plenary Powers, of Anthophora Latreille, 1803).

OPINION 153: (1) The following entries to be made in the Official List of Specific Names in Zoology:—(a) fuscicornis Jurine, 1807, as published in the combination Omalus fuscicornis (specific name, by designation under the Plenary Powers, of Bethylus Latreille, [1802—1803]); (b) formicarius Latreille, [1804—1805], as published in the combination Dryinus formicarius (specific name of type species of Dryinus Latreille, [1804]).

OPINION 154: The following entries to be made in the Official List of Specific Names in Zoology:—(a) falcata Poda, 1761, as published in the combination Gryllus falcata (specific name of type species, by designation under the Plenary Powers, of Phaneroptera Serville, 1831); (b) lilifolia Fabricius, 1793, as published in the combination Locusta lilifolia (specific name of type species of Tylopsis Fieber, 1853).

OPINION 155: (1) The following entries to be made in the Official Index of Rejected and Invalid Generic Names in Zoology: (a) Callimome Spinola, 1811 (suppressed, under the Plenary Powers, for the purposes of the Law of Priority but not for those of the Law of Homonymy); (b) Misocampe Latreille, 1818 (suppressed, under the Plenary Powers,

for the purposes of the Law of Priority but not for those of the Law of Homonymy). (2) The specific name bedeguaris Linnaeus, 1758, as published in the combination Ichneumon bedeguaris (specific name of type species, by designation under the Plenary Powers, of Torymus Dalman, 1820) to be entered in the Official List of Specific Names in Zoology.

OPINION 156: (1) The name Cynthia Fabricius, 1807 (type species, by selection by Westwood (1840): Papilio cardui Linnaeus, 1758) to be entered in the Official List of Generic Names in Zoology with the following note attached to it:—(to be used by any specialist who considers the type species of this genus and that of Vanessa Fabricius, 1807, to be generically distinct from one another but, by direction given under the Plenary Powers, not to be used in preference to Vanessa Fabricius, 1807); (2) The under-mentioned names to be entered in the Official List of Specific Names in Zoology:—(a) atalanta Linnaeus, 1758, as published in the combination Papilio atalanta (specific name of type species of Vanessa Fabricius, 1807); (b) cardui Linnaeus, 1758, as published in the combination Papilio cardui (specific name of type species of Cynthia Fabricius, 1807).

OPINION 157: The following names to be entered in the Official List of Specific Names in Zoology: (a) viduatorius Fabricius, [1804—1805], as published in the combination Cryptus viduatorius (specific name of type species of Cryptus Fabricius, [1804—1805]); (b) enodis Linnaeus, 1767, as published in the combination Tenthredo enodis (specific name of type species of Arge Schrank, 1802); (c) pini Linnaeus, 1758, as published in the combination Tenthredo pini (specific name of type species of Diprion Schrank, 1802).

OPINION 158: The following name to be entered in the Official List of Specific Names in Zoology:—migratorius Linnaeus, 1758, as published in the combination Gryllus migratorius (specific name of type species, by designation under the Plenary Powers, of Locusta Linnaeus, 1758).

OPINION 159: (1) The name Ephialtes Schrank, 1802 (as suppressed under the Plenary Powers for the purposes both of the Law of Priority and of the Law of Homonymy) to be entered in the Official Index of Rejected and Invalid Generic Names in Zoology. (2) The following names to be entered in the Official List of Specific Names in Zoology:—
(a) extensorius Linnaeus, 1758, as published in the combination Ichneumon extensorius (specific name of type species, by designation under the Plenary Powers, of Ichneumon Linnaeus, 1758); (b) instigator (specific name of type species, by designation under the Plenary Powers, of Pimpla Fabricius, [1804—1805]); (c) manifestator Linnaeus, 1758,

as published in the combination *Ichneumon manifestator* (specific name of type species, by designation under the Plenary Powers, of *Ephialtes* Gravenhorst, 1829).

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

- 3. Issue of Voting Paper V.P.(O.M.)(54)4: Concurrently with the submission to the Commission of the Draft Direction reproduced in the annexe to the note by the Secretary reproduced in paragraph 2 above, a Call for a Vote, numbered Voting Paper V.P.(O.M.)(54)4, was issued on 5th April 1954 under the One-Month Rule. In this Voting Paper 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 taken by the Commission prior to 1948, issued to the International Commission by the Thirteenth International Congress of Zoology, Paris, 1948, the entries recording such decisions taken in Opinions 134-148 and 150-160 in the Draft Direction annexed to the statement submitted by the Secretary simultaneously with the present Voting Paper, should be made, as proposed, in the Official Lists and Official Indexes concerned, and (2), if he did not so agree, as regards any given item, to indicate the item concerned.
- 4. The prescribed Voting Period: As the foregoing Voting Paper was issued under the One-Month Rule, the prescribed Voting Period closed on 5th May 1954.

- 5. Particulars of the Voting on Voting Paper V.P.(O.M.)(54)4: The state of the voting on Voting Paper V.P.(O.M.)(54)4 at the close of the prescribed Voting Period was as follows:—
 - (a) Affirmative Votes had been given by the following seventeen (17) Commissioners (arranged in the order in which Votes were received):

Holthuis; Lemche; Vokes; Hering; Sylvester-Bradley; Bonnet; Dymond; Mertens; Cabrera; Esaki; Stoll; Jaczewski; Riley; Pearson; Hemming; Bradley (J. C.); Boschma;

(b) Negative Votes:

None:

(c) Voting Paper V.P.(O.M.)(54)4 was not returned by two (2) Commissioners:⁷

do Amaral; Hankó.

- 6. Declaration of Result of Vote: On 6th May 1954, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(O.M.)(54)4, 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. Postponement of the addition to the "Official Lists" and "Official Indexes" of the Family-Group Names dealt with in "Opinions" 140 and 143: On 12th June 1954 Mr. Francis Hemming, as Secretary, placed on the Commission's File

⁷ After the close of the Prescribed Voting Period Affirmative Votes were received from Commissioner do Amaral and Commissioner Hankó.

Z.N.(G.)67 the following Declaratory Minute postponing the placing on the Official Lists and Official Indexes of the Family-Group Names dealt in Opinions 140 and 143 respectively:—

Postponement of the addition to the "Official Lists" and "Official Indexes" of the Family-Group Names dealt with in "Opinions" 140 and 143 respectively

MINUTE dated 12th June 1954

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

Secretary to the International Commission on Zoological Nomenclature

The proposed codification of the decisions taken by the Commission (a) in Opinion 140 (relating to the family names MEROPIDAE (Class Aves) and MEROPEIDAE (Class Insecta)) and in Opinion 143 (relating to the family name TINGIDAE (Class Insecta)) raises for the first time in a concrete fashion the problems involved in placing Family-Group names on the Official Lists and Official Indexes established by the Fourteenth International Congress of Zoology, Copenhagen, 1953, for the recording of such names. In preparing the Rulings required to give effect to the decisions in regard to the foregoing names taken by the Commission in its vote on Voting Paper V.P.(O.M.)(54)4, I have encountered considerable difficulties of various kinds. I hoped originally that, by a study of the relevant literature and by consultation with specialists in the groups concerned, it might be possible to resolve these difficulties on a routine basis, and it was for this reason that I did not complete and sign the Direction giving effect to the decision taken by the Commission in its vote on the foregoing Voting Paper immediately after the close of the Prescribed Voting Period on 5th May 1954.

2. In the investigations referred to above I have received great assistance from Dr. Ernst Mayr, Mr. N. D. Riley and Mr. D. E. Kimmins, and Dr. W. E. China, but in spite of the assistance so rendered I cannot feel that the difficulties involved in preparing the Ruling codifying the decisions taken by the Commission in the *Opinions* referred to above have been overcome to a degree sufficient to justify the inclusion in the Ruling to be rendered in pursuance of the vote taken on Voting Paper V.P.(O.M.)(54)4 of entries relating to the decisions taken in regard to the foregoing *Opinions*. I am of the opinion therefore that the questions involved in codifying the decisions given in these two *Opinions* will need to be resubmitted to the Commission.

- 3. In order to avoid any further delay in the rendering of the Direction embodying the decision taken by the Commission on Voting Paper V.P.(O.M.)(54)4 and incidentally also that taken on Voting Paper V.P.(O.M.)(54)5 (the Voting Paper concerned with the next following Direction), I hereby direct (1) that, pending a further decision being taken by the Commission in regard to the codification of the decisions embodied in Opinions 140 and 143, no entries are to be made in the Official List of Family-Group Names in Zoology or in the Official Index of Rejected and Invalid Family-Group Names in Zoology in respect of the Family-Group names dealt with in the foregoing Opinions, and (2) that the Direction embodying the decision taken by the Commission in its vote on Voting Paper V.P.(O.M.)(54)4 be now rendered forthwith, subject to the omission therefrom of the matters specified in (1) above.
- 8. On 12th June 1954, 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.)(54)4, subject to the omission therefrom, as prescribed in the Declaratory Minute by the Secretary dated 12th June 1954 reproduced in paragraph 7 of the present *Direction*, of decisions relating to the placing on the *Official List of Family-Group Names in Zoology* and on the *Official Index of Rejected and Invalid Family-Group Names in Zoology* of the names dealt with in *Opinions* 140 and 143 respectively.
- 9. The following are the original references for the generic and specific names placed on *Official Lists* and *Official Indexes* by the Ruling given in the present *Direction*:—

abdominalis, Tiphia, Panzer, [1798], Faun. Ins. germ. (53): tab. 5 achilles, Papilio, Linnaeus, 1758, Syst. Nat. (ed. 10) 1: 463 actaea, Papilio, Esper, [1780], Die Schmett. 1 (Bd 2) Forts. Tagschmett: 37, pl. 57, figs. 1a ♂, 1b ♀ apiaster, Merops, Linnaeus, 1758, Syst. Nat. (ed. 10) 1: 117 Astatus [Jurine], 1801, Intell.-Bl. Lit.-Ztg 1801: 163 atalanta, Papilio, Linnaeus, 1758, Syst. Nat. (ed. 10) 1: 478 bedeguaris, Ichneumon, Linnaeus, 1758, Syst. Nat. (ed. 10) 1: 567 Callimome Spinola, 1811, Ann. Mus. Hist. nat., Paris 17(98): 148 cardui, Cimex, Linnaeus, 1758, Syst. Nat. (ed. 10) 1: 443

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cardui, Papilio, Linnaeus, 1758, Syst. Nat. (ed. 10), 1:475
Crabro Geoffroy, 1762, Hist. abrég. Ins. Paris, 2:261
cribraria, Vespa, Linnaeus, 1758, Syst. Nat. (ed. 10) 1:573
Cynthia Fabricius, 1807, Mag. f. Insektenk. (Illiger) 6:281
enodis, Tenthredo, Linnaeus, 1767, Syst. Nat. (ed. 12) 1(2): 922
Ephialtes Schrank, 1802, Fauna boic. 2(2): 316
extensorius, Ichneumon, Linnaeus, 1758, Syst. Nat. (ed. 10) 1:561
falcata, Gryllus, Poda, 1761, Ins. Mus. graec.: 52
formicarius, Dryinus, Latreille, [1804—1805], in Sonnini's Buffon,
  Hist. nat. gén. partic. Crust. Ins. 13:228
fuscicornis, Omalus, Jurine, 1807, Nouv. Méth. class. Hyménopt:
  301
hyale, Papilio, Linnaeus, 1758, Syst. Nat. (ed. 10) 1:469
instigator, Ichneumon, Fabricius, 1793, Ent. syst. 2:164
Lasius Panzer, [1801—1802], Faun. Ins. germ. (86): tab. 16
lilifolia, Locusta, Fabricius, 1793, Ent. syst. 2:36
lutea, Tenthredo, Linnaeus, 1758, Syst. Nat. (ed. 10) 1:555
Mancipium Hübner, [1807], Samml. exot. Schmett. 1: pl. [141]
manifestator, Ichneumon, Linnaeus, 1758, Syst. Nat. (ed. 10) 1:563
Merope Newman, 1838, Ent. Mag. 5(2): 180
Merops Linnaeus, 1758, Syst. Nat. (ed. 10), 1:117
migratorius, Gryllus, Linnaeus, 1758, Syst. Nat. (ed. 10) 1:432
Misocampe Latreille, 1818, Nouv. Dict. Hist. nat. (ed. 2) 21:213
nigra, Formica, Linnaeus, 1758, Syst. Nat. (ed. 10) 1:580
pilipes, Apis, Fabricius, 1775, Syst. Ent.: 383
pini, Tenthredo, Linnaeus, 1758, Syst. Nat. (ed. 10) 1:556
Podalirius Latreille, 1802, Hist. nat. Fourmis: 430
Potamis Hübner, [1807], Samml. oxet. Schmett. 1: pl. [79]
pygmaeus, Sirex, Linnaeus, 1767, Syst. Nat. (ed. 12) 1(2): 929
Rusticus Hübner, [1807], Samml. exot. Schmett. 1: pls. [102],
  [104]
Tingis Fabricius, 1803, Syst. Rhyng.: 124
tuber, Merope, Newman, 1838, Ent. Mag. 5(2): 180
viduatorius, Cryptus, Fabricius, [1804—1805], Syst. Piezat.: 70
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10. The following are the references for the selection of type species for nominal genera placed on the Official List of Generic Names in Zoology by the Ruling given in the present Direction:—

For Tingis Fabricius, 1803: Latreille, 1810, Consid. gén. Anim.

Crust. Arach. Ins.: 433

For *Cynthia* Fabricius, 1807: Westwood, 1840, *Introd. Class. Ins.* **2** Syn.: 87

- 11. 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.
- **12.** The present *Direction* shall be known as *Direction* Four (4) of the International Commission on Zoological Nomenclature.

DONE in London, this Twelfth day of June, Nineteen Hundred and Fifty-Four.

Secretary to the International Commission on Zoological Nomenclature

FRANCIS HEMMING



International Commission on Zoological Nomenclature. 1954. "Direction 4 Addition to the Official Lists and Official Indexes of certain scientific names and of the titles of certain books dealt with in Opinions 134 [] 160, exclusive of Opinion 149." *Opinions and declarations rendered by the International Commission on Zoological Nomenclature* 2, 629–652.

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