

127.

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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OPINION 170

Need for the suspension of the rules for *Prosopis*
Jurine, 1807 (Class Insecta, Order Hymenoptera)
not at present established

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INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

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Secretariat of the Commission :

British Museum (Natural History), Cromwell Road, London, S.W. 7.

Publications Office of the Commission :

41, Queen's Gate, London, S.W. 7.

Personal address of the Secretary :

83, Fellows Road (Garden Flat), London, N.W. 3.



OPINION 170.

NEED FOR THE SUSPENSION OF THE RULES FOR *PROSOPIS* JURINE, 1807 (CLASS INSECTA, ORDER HYMENOPTERA) NOT AT PRESENT ESTABLISHED.

SUMMARY.—Consideration has been given to a proposal submitted by the International Committee on Entomological Nomenclature in favour of the use by the International Commission on Zoological Nomenclature of their plenary powers to suppress the names *Hylaeus* Fabricius, 1793, and *Prosopis* Fabricius, [1804–1805], and to designate *Sphex signata* Panzer, [1798], as the type of *Prosopis* Jurine, 1807 (Class Insecta, Order Hymenoptera). This proposal was approved by the International Commission at their Session held at Lisbon in 1935, subject to its being advertised for a period of one year before an *Opinion* was rendered thereon. The representations received as the result of that advertisement have elicited certain data and considerations that had not been clearly brought out at the Commission's Lisbon Session.¹ In consequence, it has been decided to defer a final decision on this case until after a thorough re-examination of all available evidence. Zoologists who either favour, or are opposed to, the suspension of the rules in this case are accordingly invited to communicate with the Commission.

I.—THE STATEMENT OF THE CASE.

As the result of consultations initiated by Professor James Chester Bradley with the leading systematic workers in the Order Hymenoptera in all countries, the following petition signed by Professor Chester Bradley and 59 other hymenopterists was submitted to the International Commission:—

THE CASE OF *HYLAEUS* VERSUS *PROSOPIS*

The genus *Prosopis*, type genus of the family of bees PROSOPIDAE, dates from Jurine, 1801² (Panzer: Erlangen List). The type is *Sphex signata*

¹ See paragraph 13(a) of the present *Opinion*.

² As explained in paragraph 7 below, the International Commission at Lisbon suppressed the "Erlangen List" (see *Opinion* 135, published in 1939, *Opinions and Declarations rendered by the International Commission on Zoological Nomenclature* 2: 7–12). The suppression of the "Erlangen List" eliminated the name *Prosopis* Jurine, 1801, published in it. The next occasion on which the name *Prosopis* was published was in [1804–1805], when it was published by Fabricius in his *Syst. Piezat.*: 293.

Panzer by designation of Morice and Durrant, 1914. That species is believed to be identical with *bipunctata* Fabr.

Hylaeus Fabr., 1793, has for its type, by designation of Latreille, 1810, *annulatus* Fabr. = *borealis* Nylander.

The types of *Prosopis* and *Hylaeus* being congeneric, the two genera are synonyms, and have always been so considered. But unfortunately *Prosopis* came into much more general use than *Hylaeus*.

Leach in 1815 used *Prosopis* as type for a plural group name (PROSOPIDAE) and Kirby, 1837, introduced the family termination, PROSOPIDAE. Viereck, 1916, was the first to use *Hylaeus* as the basis for a plural name, HYLAEIDAE.

In order to conserve the familiar generic and family names *Prosopis* and PROSOPIDAE, the undersigned request the Commission of Zoological Nomenclature to take the following action :

- (1) suspend the rules in the case of the generic names *Hylaeus* and *Prosopis*;
- (2) permanently reject the name *Hylaeus* Fabr., 1783;
- (3) validate *Prosopis* Jurine, 1801 (or Jurine, 1807), type *Sphex signata* Panzer;
- (4) add to the *Official List of Generic Names in Zoology* : *Prosopis* Jurine, type *Sphex signata* Panzer, for the genus of bees ordinarily known by that name.

2. The following is the list of signatures attached to the above petition at the time of its submission to the International Commission :—

C. T. Brues	R. Benoist *	H. Haupt
Jos. Bequaert	J. D. Alfken *	H. Brauns †
G. Grandi	A. Krausse	L. Berland
A. B. Gahan *	H. Wolff	A. A. Oglobin
T. H. Frison *	J. G. Betrem	O. W. Richards
A. R. Park *	R. Fouts	P. P. Babiya
H. H. Ross *	G. Arnold	V. S. L. Pate
J. M. Dusmet	A. Handlirsch	J. C. Bradley
W. M. Wheeler *	I. Micha	G. Enderlein
G. T. Lyle	H. Hacker	T. Uchida †
R. A. Cushman *	A. C. Kinsey *	O. Vogt †
E. A. Elliott	H. de W. Marriott	H. Habermehl †
A. Crevecoeur	F. Maidl	E. Kruger †
W. M. Mann	P. Roth	W. Hellen †
R. Friese	E. Enslin	F. X. Williams †
H. von Ihering †	A. von Schulthess	O. Schmiedeknecht †
A. C. W. Wagner	R. B. Benson *	N. N. Kuznezov-
H. Hedicke	H. F. Schwarz	Ugamtsky †
H. Bischoff	W. V. Balduf *	F. E. Lutz
L. Masi	D. S. Wilkinson *	L. H. Weld *

* In accord with results sought by the petition without having studied the points involved in the particular case.

† Evidently intended to subscribe to this petition, but sheet bearing his signature was not included in his reply.

‡ Deceased.

II.—THE SUBSEQUENT HISTORY OF THE CASE.

3. This case was circulated to the members of the International Commission on Zoological Nomenclature in January 1935, when it was arranged that it and the other Hymenoptera cases submitted at the same time should be dealt with at the meeting of the Commission due to be held at Lisbon in September of that year, by which time the recommendations of the International Committee on Entomological Nomenclature would be available.

4. This case was considered by the International Committee on Entomological Nomenclature at their meeting held at Madrid in the second week of September 1935, during the Sixth International Congress of Entomology. After careful consideration, the International Committee formed the conclusion that it was desirable that the International Commission on Zoological Nomenclature should use their plenary powers in order to preserve the long-established name *Prosopis* Jurine, with the family name PROSOPIDAE, since, having regard to the literature as a whole, confusion rather than uniformity was likely to result from the supersession of these names by the names *Hylaeus* Fabricius and HYLAEIDAE. The International Committee agreed therefore to recommend that the name *Hylaeus* Fabricius should be suppressed. At the same time the International Committee agreed to recommend the suppression of the "Erlangen List."³ In anticipation of the acceptance of this latter recommendation by the International Commission, the International Committee agreed to submit the further recommendation that the name *Prosopis* Fabricius, [1804–1805], should be suppressed. The object of this supplementary recommendation was to secure that, if *Prosopis* Jurine, 1801, was suppressed, as it would be if the "Erlangen List" was suppressed,³ the name *Prosopis* should continue to be attributed to Jurine, through ranking from *Prosopis* Jurine, 1807, rather than be attributed to Fabricius, through *Prosopis* Fabricius, [1804–1805], as would otherwise be the case.

5. The above and other recommendations adopted by the International Committee at their meeting held at Madrid were confirmed by the Sixth International Congress of Entomology at the Concilium Plenum held on 12th September 1935.

³ See footnote 2.

III.—THE CONCLUSION REACHED BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE.

6. When the International Commission on Zoological Nomenclature met at Lisbon immediately after the close of the Sixth International Congress of Entomology in September 1935, they found themselves confronted with a large number of cases involving proposals for the suspension of the rules, in respect of some of which advertisements had not been published or, if published, had not been published for the prescribed period, owing to the illness of Dr. C. W. Stiles, Secretary to the Commission, or for other causes. In these circumstances, the Commission decided at their meeting held on the morning of Monday, 16th September 1935 (Lisbon Session, 2nd Meeting, Conclusion 9), that immediate consideration should be given to all cases submitted to the Commission that, in their judgment, had reached the stage at which a decision could properly be taken; that the By-Laws of the Commission should be suspended during the Lisbon Session to such extent as might be necessary to give effect to this decision; and that, in so far as this procedure involved taking decisions "under suspension of the rules" in cases where the prescribed advertisement procedure had not been complied with, the cases in question should be duly advertised as soon as might be practicable after the conclusion of the Lisbon Congress and that no *Opinion* should be rendered and published thereon until after the expiry of a period of one year from the date on which the said advertisement was despatched to the prescribed journals for publication. The case of the names *Hylaeus* Fabricius, 1793, *Prosopis* Fabricius, [1804-1805], and *Prosopis* Jurine, 1807, was one of the cases in question and was accordingly dealt with by the Commission under the above procedure.

7. At the same meeting, the Commission agreed to use their plenary powers to suppress the "Erlangen List" (Lisbon Session, 2nd Meeting, Conclusion 13).⁴ Accordingly, when on the afternoon of the same day the Commission came to consider the present case, they did so in the light of the recommendation framed by the International Committee on Entomological Nomenclature on the assumption that the "Erlangen List" would be suppressed. After careful consideration, the Commission

⁴ See *Opinion* 135 (1939, *Opinions and Declarations rendered by the International Commission on Zoological Nomenclature* 2: 7-12).

decided that the course recommended by the International Committee was the one best calculated to deal with the problem here presented. The Commission accordingly agreed (Lisbon Session, 3rd Meeting, Conclusion 2) ⁵ :—

(b) under "suspension of the rules" permanently to reject the following generic names :—

(12) *Hylaeus* Fabricius, 1793, *Ent. syst.* 2 : 302

(17) *Prosopis* Fabricius, [1804–1805], *Syst. Piezat.* : 293

(c) under "suspension of the rules" to set aside all type designations for the undermentioned genera and to declare their types to be the species indicated below :—

Name of genus

Type of genus

(29) <i>Prosopis</i> Jurine, 1807, <i>Nouv. Méth. class. Hy- ménopt.</i> : 218	<i>Sphex signata</i> Panzer, [1798], <i>Faun. Ins. germ.</i> (53) : Tab. 2
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(d) under "suspension of the rules" to place on the *Official List of Generic Names* the sixteen generic names enumerated in (c) above (names (19 to (34)), each with the type species there indicated;

(e) to render *Opinions* in the sense of (a) to (d) above.

8. The foregoing decision was embodied in paragraph 27 of the report which at their meeting held on the morning of Wednesday, 18th September 1935, the Commission unanimously agreed (Lisbon Session, 5th Meeting, Conclusion 6) to submit to the Twelfth International Congress of Zoology.

9. At the same meeting the Commission agreed (Lisbon Session, 5th Meeting, Conclusion 10) that Commissioner Karl Jordan (*President of the Commission*) and the new Secretary to the Commission, when elected, should be authorised to make such arrangements and to take such action, as might appear to them to be necessary or expedient :—

- (i) to establish the Secretariat of the Commission at its new headquarters;
- (ii) to secure the due publication of the *Opinions* agreed upon from time to time by the Commission;
- (iii) to give effect to the decisions reached by the Commission at their Lisbon Session;
- (iv) to obtain the finance required for the due functioning of the Commission; and generally
- (v) to secure the effective continuance of the work of the Commission.

⁵ Only those portions of Conclusion 2 which refer to the present case are here quoted. For the full text of Conclusion 2, see 1943, *Bull. zool. Nomencl.* 1 : 27–30.

10. The report adopted by the Commission on the morning of Wednesday, 18th September 1935, was unanimously approved by the Section on Nomenclature at its joint meeting with the International Commission held on the afternoon of the same day. It was thereupon submitted to the Twelfth International Congress of Zoology by which it was unanimously approved and adopted at the Concilium Plenum held on the afternoon of Saturday, 21st September 1935, the last day of the Congress.

11. In accordance with the decision taken by the Commission at Lisbon in regard to their procedure at that Session (paragraph 6 above), this case was duly advertised in 1936 in two or more of the journals specified in the Resolution adopted by the Ninth International Congress of Zoology at its meeting held at Monaco in March 1913, by which the said International Congress conferred upon the International Commission on Zoological Nomenclature plenary power to suspend the rules as applied to any given case where, in the judgment of the Commission, the strict application of the rules would clearly result in greater confusion than uniformity.⁶ In the period that has elapsed since the advertisement in the said journals of the proposed suspension of the rules in the present case, the Commission have received three communications objecting to the suspension of the rules in this case. These communications are as follows:—

(a) *Letter received from Dr. E. Gorton Linsley, University of California*

I have recently noticed the possibility of suspension of the Rules of Nomenclature in the case of *Prosopis* Jurine, and would like to register my protest at this change for the following reasons:—

(1) The priority of *Hylaeus* Fabr., 1793, over *Prosopis* Jurine, 1807, has been clearly recognized and accepted by the majority of Hymenopterists for the past seventeen years (beginning with Bridwell, 1919, *Proc. Haw. ent. Soc.* 4: 123). The name is now in current use and a change would necessitate the learning of another name for the group involved.

(2) The genus and family concerned are minor groups of Apoidea both in number of species and in literature pertaining to them, hence there is not enough at stake to warrant such a change.

(3) The only work which deals with this group from the world standpoint is Meade-Waldo, 1923, *Genera Insectorum*, fasc. 181, in which the species are treated under *Hylaeus*. To restore *Prosopis* would greatly curtail the value of this great work.

(4) The group is of no economic importance and does not appear in economic literature, either as *Prosopis* or *Hylaeus*.

* ⁶ See Declaration 5 (1943, *Opinions and Declarations rendered by the International Commission on Zoological Nomenclature* 1: 31-40).

(5) The name *Prosopis* has long been used in botanical nomenclature,⁷ a fact which in at least one case has caused confusion between the bee and the plant genus. (Vide Cockerell and Sumner, 1931, *Amer. Mus. Novit.* 490 : 1, re the treatment of *Prosopis glandulosa* (mesquite) as one of the host bees of a group of parasitic Coleoptera).

(b) *Letter received from Dr. Charles D. Michener, Berkeley, California*

In a number of journals I have noticed, under the title "Notice of Possible Suspension of the Rules of Nomenclature in Certain Cases" that *Prosopis* Jurine, 1807, may take the place of *Hylaeus*. The name *Hylaeus* has been recognized as having priority over *Prosopis* by Meade-Waldo (*Genera Insectorum*) Scudder, and all (almost) authors since the publication of Meade-Waldo's work. Hence, to change back to *Prosopis* would mean only a second confusion, which is absolutely unnecessary.

Prosopis is a small genus of economically unimportant bees. The change in name would involve only a few specialists.

Furthermore, there is a genus of common western desert plants called *Prosopis*.⁷ I see no need for increasing the number of cases in which generic names in botany and zoology are the same.

(c) *Document forwarded under cover of a letter dated 1st March 1937 by Dr. S. A. Rohwer in the name of the Committee on Nomenclature of the Entomological Society of Washington*

Prosopis Jurine, 1807, has as type *Sphex signata* Panz., by designation of Morice & Durrant, 1914. The type of *Hylaeus* Fabr., 1793, is *annulatus* F. by designation of Latreille, 1810. These types are congeneric and the two genera therefore synonyms. They have always been considered so but unfortunately both generic names have remained in use. However, to suppress the older name *Hylaeus* and place *Prosopis* on the *Official List*, under suspension of the rules, would overturn the nomenclature of the most recent comprehensive treatment of the European species (Foerster, 1871), of the African species (Bridwell, 1919), of the species of the world (Meade-Waldo, 1923) and is certain to produce confusion. It is urged that the principle of priority as established in the Rules be allowed to apply in this case.

12. Immediately upon their receipt by the Commission, copies of the document from which the passages quoted in paragraph 11 have been extracted were communicated (November 1936 in the case of documents (a) and (b) and April 1937 in the case of document (c)) to each member of the Commission, but no member of the Commission then expressed himself as being in agreement with the representations contained therein, with the exception of Commissioner Hemming who, as Secretary to the Commission,

⁷ In reply to an inquiry by Commissioner Francis Hemming, Secretary to the Commission, Mrs. M. L. Sprague replied (on 1st May 1944): "The botanical genus *Prosopis* Linnaeus, 1767, *Mantissa Plant.* (1) : 10 (Order Rosales, Family Leguminosae, Subfamily Mimosoideae) consists of between 30 to 40 species. It occurs in the tropical and subtropical regions of Asia, America and Africa."

made a note in the records of the Commission that the evidence brought forward in the documents quoted in sections (a) and (b) of paragraph 11 above regarding the confusion that might arise from the use of the name *Prosopis* as a generic name in zoology as well as in botany was a matter which required careful consideration before a final decision was taken in this case.

13. The representations set out in paragraph 11 above were considered at the Plenary Conference between the President of the Commission and the Secretary to the Commission convened in London on 19th June 1939 under the authority of the Resolution adopted by the Commission at their meeting held at Lisbon on 18th September 1935 (for the text of which see paragraph 9 above). The Plenary Conference (Plenary Conference, 1st Meeting, Conclusion 10) :

- (a) took note that the communications received as the result of the advertisement in 1936, as prescribed by the International Commission at their Lisbon Session (2nd Meeting, Conclusion 9), of the proposal to suspend the rules in the case of the names *Hylaeus* Fabricius, 1793, *Prosopis* Fabricius, [1804-1805], and *Prosopis* Jurine, 1807, had brought forward the following data and had adduced the following considerations :—
 - (i) the name *Prosopis* was in use for a " common desert plant " ⁸ and there was therefore a risk of confusion if the name *Prosopis* was used both in zoology and botany ; on at least one occasion the use of this name in this way had already led to confusion between the genus of bees and the plant genus ;
 - (ii) in the most recent treatment of the genus from a world standpoint (Meade-Waldo, 1923, *Genera Insectorum* 181) the name *Hylaeus* Fabricius had been used and not the name *Prosopis* Jurine ;
- (b) agreed that the data and considerations summarised in (a) above had not been clearly brought to the attention of the International Commission when at Lisbon in 1935 they had agreed to suspend the rules in the case of the names referred to above ;
- (c) recalled that the " Recommendation " attached to Article 1 of the International Code of Zoological Nomenclature deprecated the introduction into zoology of generic names in use in botany ;
- (d) agreed that, in view of (c) above, very strong grounds would need to be advanced to justify the use of the plenary powers in a case such as the present where the name proposed to be validated in zoology was already in use as a generic name in botany ;
- (e) considered that, in view of (a) to (d) above, the whole case required further consideration in the light of all available evidence before a final decision was taken ;
- (f) agreed that the proper course for the present Conference in the discharge of the duties entrusted to it by the International Commission on Zoological Nomenclature (Lisbon Session, 5th Meeting, Conclusion 10) was to arrange as soon as possible for the issue of an *Opinion* :—

⁸ See footnote 7.

- (1) having the following as its " summary " :—

" SUMMARY :—Consideration has been given to a proposal submitted by the International Committee on Entomological Nomenclature in favour of the use by the International Commission on Zoological Nomenclature of their plenary powers to suppress the names *Hylaeus* Fabricius, 1793, and *Prosopis* Fabricius, [1804–1805], and to designate *Sphex signata* Panzer, [1798], as the type of *Prosopis* Jurine, 1807 (Class Insecta, Order Hymenoptera). This proposal was approved by the International Commission at their Session held at Lisbon in 1935, subject to its being advertised for a period of one year before an *Opinion* was rendered thereon. The representations received as the result of that advertisement have elicited certain data and considerations that had not been clearly brought out at the Commission's Lisbon Session. In consequence, it has been decided to defer a final decision on this case until after a thorough re-examination of all available evidence. Zoologists who either favour, or are opposed to, the suspension of the rules in this case are accordingly invited to communicate with the Commission.

- (2) setting out in the main body of the *Opinion* :—

- (i) the petition in favour of the suspension of the rules in this case;
- (ii) the subsequent history of this case, including the recommendation in regard thereto submitted by the International Committee on Entomological Nomenclature at Madrid in 1935 and the decisions taken by the International Commission on Zoological Nomenclature thereon (Lisbon Session, 3rd Meeting, Conclusion 2) later in the same year;
- (iii) the representations received as the result of the advertisement of this case in 1936 in accordance with the decision taken by the Commission at Lisbon (Lisbon Session, 2nd Meeting, Conclusion 9);
- (iv) the present decision by the Plenary Conference.

14. The decisions :—

- (a) to suspend the By-Laws so far as might be necessary to enable the International Commission to consider the present and other cases where the prescribed advertisement procedure had not been complied with, subject to the subsequent advertisement of the said cases for a period of not less than one year before an *Opinion* was rendered thereon (paragraph 6);
- (b) subject to the proviso to (a) above, under " suspension of the rules " to suppress the names *Hylaeus* Fabricius, 1793, and *Prosopis* Fabricius, [1804–1805], and to designate *Spex signata* Panzer, [1798], as the type of *Prosopis* Jurine, 1807, that name being thereupon added to the *Official List of Generic Names in Zoology* (paragraph 7); and
- (c) to authorise the President of the Commission and the new Secretary to the Commission, when elected, to make such

arrangements, and to take such other action, as might appear to them necessary or expedient, to . . . give effect to the decisions reached by the Commission at their Lisbon Session . . . and generally to secure the effective continuance of the work of the Commission (paragraph 9)

were agreed to by all the Commissioners and Alternates present at the Lisbon Session of the International Commission, namely:—

Commissioners:—Calman; Hemming; Jordan; Pellegrin; Peters; and Stejneger.

Alternates:—do Amaral *vice* Cabrera; Ohshima *vice* Esaki; Bradley *vice* Stone; Beier *vice* Handlirsch; Arndt *vice* Richter; and Mortensen *vice* Apstein.

15. The foregoing decisions were dissented from by no Commissioner or Alternate present at the Lisbon Session.

16. The following five (5) Commissioners who were not present at Lisbon nor represented thereat by Alternates did not vote on the above matters:—

Bolivar y Pieltain; Chapman; Fantham; Silvestri; and Stiles.

17. At the time when the vote was taken on the above matter, there was one (1) vacancy in the Commission consequent upon the death of Commissioner Horváth.

18. The decision that a further opportunity should be provided for the consideration of the issues involved in the proposal that the rules should be suspended for the purpose of validating the name *Prosopis* Jurine, 1807, was taken on behalf of the International Commission by the President of the Commission and the Secretary to the Commission, acting jointly in virtue of the powers conferred upon them in that behalf by the twelve (12) Commissioners and Alternates (paragraph 14 above) present at the Lisbon Session of the International Commission (Lisbon Session, 5th Meeting, Conclusion 10).

IV.—AUTHORITY FOR THE ISSUE OF THE PRESENT *OPINION.*

WHEREAS the Ninth International Congress of Zoology at its meeting held at Monaco in March 1913, adopted a Resolution conferring upon the International Commission on Zoological Nomenclature, acting for the International Congress of Zoology,

plenary power to suspend the rules as applied to any given case where, in the judgment of the Commission, the strict application of the rules would clearly result in greater confusion than uniformity, provided that not less than one year's notice of the possible suspension of the rules as applied to the said case should be given in two or more of five journals specified in the said Resolution, and provided that the vote in the Commission was unanimously in favour of the proposed suspension of the rules; and

WHEREAS the suspension of the rules would be required to give valid force to an *Opinion* embodying a decision in the sense requested in the petition submitted in the present case; and

WHEREAS at their Lisbon Session the International Commission unanimously agreed to suspend the rules for the purpose of validating the name *Prosopis* Jurine, 1807, provided that the advertisement of the petition therefor in the manner prescribed in the Resolution adopted by the Ninth International Congress of Zoology at its meeting held at Monaco in 1913 elicited no data or considerations which had not been clearly brought out at the discussion of this case at the said Lisbon Session; and

WHEREAS at their Lisbon Session the International Commission unanimously authorised the President of the Commission and the Secretary to the Commission to take such action after the close of that Session as might appear to them necessary or expedient to give effect to the decisions reached at the said Session; and

WHEREAS the President of the Commission and the Secretary to the Commission, acting in virtue of the powers so conferred upon them, have agreed that the advertisement of the petition submitted in this case has elicited data and considerations which were not clearly brought out at the discussion of this case at the Lisbon Session of the Commission and that a further opportunity should, therefore, be provided for the consideration of the issues involved in the said case before final action is taken in regard thereto; and

WHEREAS, in consequence of the said conclusions, the President of the Commission and the Secretary to the Commission, acting jointly in virtue of the powers conferred upon them in that behalf by the International Commission at their Lisbon Session, have agreed on behalf of the said International Commission that an *Opinion* should be rendered in the terms of the present *Opinion*;

NOW, THEREFORE,

I, FRANCIS HEMMING, Secretary to the International Commission on Zoological Nomenclature, acting in virtue of all and every the powers conferred upon me in that behalf by reason of holding the said Office of Secretary to the International Commission, hereby announce the said *Opinion* on behalf of the International Commission, acting for the International Congress of Zoology, and direct that it be rendered and printed as *Opinion* Number One Hundred and Seventy (*Opinion* 170) of the said Commission.

In faith whereof I, the undersigned FRANCIS HEMMING, Secretary to the International Commission on Zoological Nomenclature, have signed the present *Opinion*.

DONE in London, this fourth day of September, Nineteen Hundred and Forty Three, in a single copy, which shall remain deposited in the archives of the International Commission on Zoological Nomenclature.

*Secretary to the International Commission
on Zoological Nomenclature.*

FRANCIS HEMMING

THE PUBLICATIONS OF THE COMMISSION.

(obtainable at the Publications Office of the Commission at 41, Queen's Gate, London, S.W.7.)

Bulletin of Zoological Nomenclature

This journal has been established by the International Commission as their Official Organ in order to provide a medium for the publication of :—

- (a) proposals on zoological nomenclature submitted to the International Commission for deliberation and decision ;
- (b) comments received from, and correspondence by the Secretary with, zoologists on proposals published in the *Bulletin* under (a) above ; and
- (c) papers on nomenclatorial implications of developments in taxonomic theory and practice.

The *Bulletin* was established in 1943. Seven Parts of volume 1 have now been published. Further Parts are in the press.

Opinions and Declarations Rendered by the International Commission on Zoological Nomenclature.

The above work is being published in three volumes concurrently, namely :—

Volume 1. This volume will contain *Declarations* 1-9 (which have never previously been published) and *Opinions* 1-133 (the original issue of which is now out of print). Parts 1-20 (containing *Declarations* 1-9 and *Opinions* 1-11) have now been published. Further Parts will be published shortly.

Volume 2. This volume will be issued in 52 Parts, comprising all the decisions taken by the International Commission at their meeting at Lisbon in 1935, namely *Declarations* 10-12 (with Roman pagination) and *Opinions* 134-181 (with Arabic pagination). Part 52 will contain the index and title page of the volume. Parts 1-40, containing *Declarations* 10-12 and *Opinions* 134-170, have now been published. Further Parts will be published shortly.

Volume 3. This volume, which commenced with *Opinion* 182, will contain the *Opinions* adopted by the International Commission since their meeting at Lisbon in 1935. Parts 1-11 (containing *Opinions* 182-192) have now been published. Further Parts will be published as soon as possible.

APPEAL FOR FUNDS

The International Commission appeal earnestly to all institutions and individuals interested in the development of zoological nomenclature to contribute, according to their means, to the Commission's Special (Publications) Fund. Of the total sum of £1,800 required to enable the Commission to issue all the publications now awaiting printing, donations amounting to £969 16s. 1d. were received up to 30th June 1945. Additional contributions are urgently needed in order to enable the Commission to continue their work without interruption. Contributions of any amount, however small, will be most gratefully received.

Contributions should be sent to the International Commission at their Publications Office, 41, Queen's Gate, London, S.W. 7, and made payable to the "International Commission on Zoological Nomenclature or Order" and crossed "Account payee. Coutts & Co."