

# 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 1. SECTION D. Part D.14. Pp. 293—308**

## **DIRECTION 51**

Revision of the entry on the *Official List of Generic Names in Zoology* relating to the name *Homarus* Weber, 1795 (Class Crustacea, Order Decapoda) (revision of a Ruling given in *Opinion* 104)

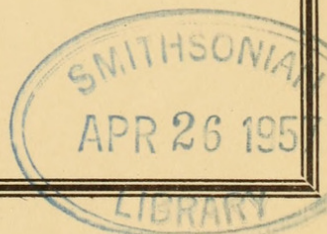
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# INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

## COMPOSITION AT THE TIME OF THE ADOPTION OF THE RULING GIVEN IN DIRECTION 51

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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)

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

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

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

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



## DIRECTION 51

### REVISION OF THE ENTRY ON THE " OFFICIAL LIST OF GENERIC NAMES IN ZOOLOGY " RELATING TO THE NAME " HOMARUS " WEBER, 1795 (CLASS CRUSTACEA, ORDER DECAPODA) (REVISION OF A RULING GIVEN IN " OPINION " 104)

**RULING :—**(1) The following revised entry in regard to the generic name *Homarus* Weber, 1795, is hereby inserted in the *Official List of Generic Names in Zoology* in lieu of the incomplete entry made by the Ruling given in *Opinion* 104 :—

*Homarus* Weber, 1795 (gender : masculine) (type species, (1) by selection by Rathbun (1904) of *Cancer gammarus* Linnaeus, 1758, a nominal species objectively identical with *Astacus marinus* Fabricius, 1775, one of the nominal species originally included in this genus by Weber, and (2) through *Declarations* 21 and 26 : *Cancer gammarus* Linnaeus, 1758).

(2) The under-mentioned specific name is hereby placed on the *Official List of Specific Names in Zoology* with the Name No. 1059 :—*gammarus* Linnaeus, 1758, as published in the combination *Cancer gammarus* (specific name of type species of *Homarus* Weber, 1795) (Class Crustacea, Order Decapoda).

(3) The under-mentioned generic name is hereby placed on the *Official Index of Rejected and Invalid Generic Names in Zoology* with the Name No. 756 :—*Homarus* Milne Edwards (H.), 1837 (a junior homonym of *Homarus* Weber, 1795).



(4) The under-mentioned specific names are hereby placed on the *Official Index of Rejected and Invalid Specific Names in Zoology* with the Name Nos. 361 and 362 respectively :—

- (a) *marinus* Fabricius, 1775, as published in the combination *Astacus marinus* (a junior objective synonym of *gammarus* Linnaeus, 1758, as published in the combination *Cancer gammarus*) ;
- (b) *vulgaris* Milne Edwards (H.), 1837, as published in the combination *Homarus vulgaris* (a junior objective synonym of *gammarus* Linnaeus, 1758, as published in the combination *Cancer gammarus*).

## I. THE STATEMENT OF THE CASE

On 6th December 1954, Mr. Francis Hemming, Secretary, submitted to the International Commission on Zoological Nomenclature two papers on different aspects of the same question, the first being concerned with the elucidation of a question of principle, the second with an individual case in which the problem had arisen in the course of the preparation of the *Official List of Generic Names in Zoology* for publication in book-form. In the first of these papers, to which was allotted the Registered Number Z.N.(S.) 878<sup>1</sup>, Mr. Hemming invited the Commission to consider the adoption of a *Declaration* clarifying Rule (g) in Article 30 of the *Règles* in relation to the selection of the type species for a genus in a case where the nominal species so selected, though not itself cited at the time of the establishment of the genus in question, was objectively identical with another

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<sup>1</sup> For particulars of the action taken by the International Commission on this application, see paragraph 3 of the Minute by the Secretary dated 23rd February 1956, reproduced in paragraph 12 of the present *Direction*.



nominal species which was so cited. The second of the two papers submitted by Mr. Hemming was concerned with the question of the determination under Article 30 of the type species of the genus *Homarus* Weber, 1795, a case where the situation raised in the first of the two papers submitted had arisen in practice. Mr. Hemming's paper regarding the type species of the genus *Homarus* Weber was as follows :—

**Proposed revision of the entry on the “ Official List of Generic Names in Zoology ” regarding the generic name “ Homarus ” Weber, 1795 (Class Crustacea, Order Decapoda) (proposed revision of an entry made by the Ruling given in “ Opinion ” 104)**

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

(Secretary to the International Commission on Zoological Nomenclature)

The object of the present application is to ask the approval of the International Commission for a revision of the defective entry relating to the name *Homarus* Weber, 1795 (*Nomencl. ent. Fabr.* : 94) made on the *Official List of Generic Names in Zoology* by the Ruling given in *Opinion* 104 (1928, *Smithson. misc. Coll.* 73 (No. 5) : 25—28).

2. The entry in respect of the foregoing name made on the *Official List* by *Opinion* 104 was as follows :—

*Homarus* Fabr. in Weber, 1795a, 94, tsd. *gammarus* = *marinus*, s. *vulgaris*. Same as Milne Edw., 1837, HnC, 329, 333

3. The first question which calls for consideration is the method by which a type species was fixed for the nominal genus *Homarus* Weber, 1795. As will be seen from the foregoing extract from *Opinion* 104, it was there stated that this was by subsequent selection (t[ype by] s[ubsequent] d[esignation]). Weber's little book, as is well known, was completely overlooked or ignored until Miss Mary Rathbun disinterred it and brought the names in it into use in her paper published in 1904 (*Proc. biol. Soc. Wash.* 17 : 170) when she stated that “ *Homarus gammarus* (Linnaeus) ”, [i.e. *Cancer gammarus* Linnaeus, 1758] was the type species of this genus. The foregoing nominal species was not included by Weber in his genus *Homarus*. The first nominal species cited by him as belonging to *Homarus* was, however, *Astacus marinus* Fabricius, 1775 (*Syst. Ent.* : 413), which is objectively indetical with the nominal species *Cancer gammarus* Linnaeus, 1758, the name published by Fabricius being no more than a substitute name (*nom. nov.*) for the earlier name published by



Linnaeus. In 1912, Fowler (*Ann. Rep. New Jersey State Mus.* 1911 : 333) selected the nominal species *Astacus marinus* Fabricius, 1775, one of the original included nominal species, to be the type species of *Homarus* Weber, 1795.

4. In an application numbered Z.N.(S.) 878<sup>2</sup> submitted simultaneously with the present case, I have recommended the International Commission to adopt a *Declaration* under which in a case such as the present where two objectively identical nominal species are involved, the selection of either as the type species of a genus established prior to 1st January 1931 is to be accepted as a valid type selection under Rule (g) in Article 30, it being immaterial whether the nominal species so selected is that actually cited by the author of the genus or whether it is only the nominal species which is objectively identical with that species. Accordingly, I now ask that consequentially upon the grant, as I hope, of the application referred to above, the Commission should accept as a valid type selection for the genus *Homarus* Weber, 1795, the selection by Miss Rathbun of the nominal species *Cancer gammarus* Linnaeus, 1758, notwithstanding the fact that it was not this species but the objectively identical nominal species *Astacus marinus* Fabricius, 1775, which was cited by Weber as belonging to his genus *Homarus*.

5. At this point it is necessary to refer to the Application Z.N.(S.) 908<sup>3</sup> (*Bull. zool. Nomencl.* 11 : 112—113) that the Commission should render a *Declaration* that, where there are two or more identical nominal species (i.e. nominal species, the names of which are objective synonyms of one another), the designation, indication or selection of any one of these nominal species to be the type species of a genus is to be treated as the designation, indication or selection of whichever of the nominal species concerned has the oldest available name, irrespective of whether or not that nominal species was cited by the author of the name of the genus in question. Further, it was suggested that the decision so recommended should be illustrated as follows by the case of the generic name *Homarus* Weber, 1795 :—“ *Example* : The nominal species *Cancer gammarus* Linnaeus, 1758, and *Astacus marinus* Fabricius, 1775, are objectively identical with one another. The second, but not the first, of these nominal species was placed by Weber in his genus *Homarus* in 1795. *Astacus marinus* Fabricius was the first of the originally included nominal species to be selected to be the type species of *Homarus* Weber. Since the name *Cancer gammarus* Linnaeus is (a) an available name and (b) a senior objective synonym of the name *Astacus marinus* Fabricius, the nominal species *Cancer*

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<sup>2</sup> See Footnote 1.

<sup>3</sup> For particulars of the action taken by the International Commission on this application, see paragraph 3 of the Minute by the Secretary dated 23rd February 1956 reproduced in paragraph 12 of the present *Direction*.



*gammarus* Linnaeus is to be treated as the type species of the genus *Homarus* Weber." If, as I hope, the foregoing proposals are adopted by the Commission, the genus *Homarus* Weber, 1795, will take, as its type species, *Cancer gammarus* Linnaeus, 1758, and not, as otherwise would be the case, *Astacus marinus* Fabricius, 1775 (which, as explained above, is an identical nominal species but one possessing a later and therefore invalid name).

6. The last point to which attention must be drawn is the cryptic reference to Milne Edwards (1837) in the entry regarding the generic name *Homarus* Weber made in *Opinion* 104. In the passage in question Milne Edwards adopted a nominal genus *Homarus* to which he referred a nominal species *Homarus vulgaris* Milne Edwards, 1837 (: 334), which, like *Astacus marinus* Fabricius, 1775, is objectively identical with *Cancer gammarus* Linnaeus, 1758. Milne Edwards made no reference whatever to Weber and clearly regarded himself as the author of the generic name *Homarus* as then used in his book. *Homarus* Milne Edwards (H.), 1837 (in Roret's *Suite à Buffon, Hist. nat. Crust.* 2 : 333) must therefore be regarded as an independently established nominal genus. As such, its name (*Homarus* Milne Edwards) is invalid by reason of being a junior homonym of *Homarus* Weber, 1795.

7. In order to bring the entry on the *Official List of Generic Names in Zoology* relating to the generic name *Homarus* Weber, 1795, into a form suitable for inclusion in that *List* when published in book form and in order also to dispose of certain other minor matters outstanding in the present case, I ask the International Commission to take the following action, namely :—

- (1) to substitute the following revised entry for Name No. 494 on the *Official List of Generic Names in Zoology* for the incomplete entry made under the Ruling given in *Opinion* 104 :—

*Homarus* Weber, 1795, *Nomencl. ent. Fabr.* : 94 (gender : masculine) (type species by selection by Rathbun (1904, *Proc. biol. Soc. Wash.* 17 : 170) of *Cancer gammarus* Linnaeus, 1758 (*Syst. Nat.* (ed. 10) 1 : 631), a nominal species objectively identical with *Astacus marinus* Fabricius, 1775, one of the nominal species originally included in this genus by Weber : *Cancer gammarus* Linnaeus, 1758 (under the decision taken on Application Z.N.(S.) 908).

**Note :—**The above proposal has been drafted on the assumption that approval will be given by the Commission to the proposal for the adoption of the *Declarations* recommended in Applications Z.N.(S.) 878 and Z.N.(S.) 908. If the first of these proposals were not to be approved, the reference to the selection of the type species by Rathbun



(1904) would need to be replaced by the words "by selection by Fowler, 1912, *Ann. Rep. New Jersey State Mus.* 1911 : 333". If the second of these proposals were not to be adopted, it would be necessary to cite the type species as *Astacus marinus* Fabricius, 1775, instead of as *Cancer gammarus* Linnaeus, 1758.

- (2) to place the under-mentioned specific name on the *Official List of Specific Names in Zoology* :—*gammarus* Linnaeus, 1758, as published in the combination *Cancer gammarus* (the specific name of the type species of *Homarus* Weber, 1795) ;

**Note** :—See Note to Proposal (1) above. If the Application Numbered Z.N.(S.) 908 were to be rejected by the Commission, the words in brackets at the end of Proposal (2) would cease to be applicable.

- (3) to place on the *Official Index of Rejected and Invalid Generic Names in Zoology* the under-mentioned generic names, each of which is a junior homonym of *Homarus* Weber, 1795 :—

(a) *Homarus* Milne Edwards (H.), 1837 ;

(b) *Homarus* Broun, 1881, *Manual N. Zealand Coleopt.* (1)(2) : 740.

- (4) to place on the *Official Index of Rejected and Invalid Specific Names in Zoology* the under-mentioned specific names, each of which is a junior objective synonym of the name *gammarus* Linnaeus, 1758, as published in the combination *Cancer gammarus* :—

(a) *marinus* Fabricius, 1775, as published in the combination *Astacus marinus* ;

(b) *vulgaris* Milne Edwards (H.), 1837, as published in the combination *Homarus vulgaris*.

## II. THE SUBSEQUENT HISTORY OF THE CASE

**2. Registration of the present application** : Upon the receipt of Mr. Hemming's application, the question of the method by which



the type species of the genus *Homavus* Weber, 1795, had been determined under Article 30 of the *Règles* was allotted the Registered Number Z.N.(S.) 879.

**3. Receipt of an application for a "Declaration" as to the nominal species to be accepted as the type species of a genus in the case where that nominal species is one of two or more identical species :** Prior to the publication of the present application Mr. Hemming submitted to the Commission a proposal for the adoption of a further *Declaration* on a question allied to that raised in Application Z.N.(S.) 878 referred to in paragraph 1 of the present *Direction*. In this second application, to which was allotted the Registered Number Z.N.(S.) 908, Mr. Hemming asked that, where one of two or more objectively identical nominal species is designated, indicated or selected as the type species of a genus, that genus should be cited as having as its type species the oldest established of the nominal species concerned.

**4. Publication of the present application :** The present application was sent to the printer on 31st December 1954 and was published in Part 4 of Volume 11 of the *Bulletin of Zoological Nomenclature* on 28th February 1955 (Hemming, 1955, *Bull. zool. Nomencl.* **11** : 114—116).

**5. No objection received :** The publication of the present application and of the associated requests for the adoption of *Declarations* on the questions of principle involved elicited no objection of the action proposed from any source.

**6. Note on procedure prepared in anticipation of the submission of the present application to the Commission for decision :** On 4th November 1955, Mr. Hemming prepared for the consideration of the Commission the following note drawing attention to the fact that the form of the decision asked for would depend upon whether the Commission decided in favour of the adoption of the



*Declarations* asked for respectively in Application Z.N.(S.) 878 (paragraph 1 above) and Z.N.(S.) 908 (paragraph 3 above). The note so in question, which was as follows, was annexed as Note 4 to the Voting Paper then prepared for submission to the Commission (paragraph 7 below) :—

4. *Procedural proposals* : The proposal now submitted is that which has been prepared on the assumption that the *Declarations* recommended in Z.N.(S.) 878 (Voting Paper V.P.(55)23) and in Z.N.(S.) 908 (Voting Paper V.P.(55)30) are adopted by the Commission. The notes given in the last paragraph of the present application show the modifications in the present proposal which would follow automatically if the Commission were to decide against either or both of the suggested *Declarations* referred to above.

### III. THE DECISION TAKEN BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

7. **Issue of Voting Paper V.P.(55)31** : On 22nd November 1955, a Voting Paper (V.P.(55)31) was issued in which the Members of the Commission were invited to vote either for, or against “ the proposal relating to the generic name *Homarus* Weber, 1795, as set out in Points (1) to (4) in paragraph 7 on page 116 of Volume 11 of the *Bulletin of Zoological Nomenclature*, subject to the alternatives on certain points of detail specified in the Notes to Points (1) and (2) referred to above, the adoption of these alternatives to depend on the decision reached by the Commission on Voting Papers V.P.(55)23 and V.P.(55)30 respectively, as explained in Note 4 overleaf” [i.e. in the Note numbered as above quoted in paragraph 6 of the present *Direction*].

8. **The Prescribed Voting Period** : As the foregoing Voting Paper was issued under the Three-Month Rule, the Prescribed Voting Period closed on 22nd February 1956.



**9. Particulars of the Voting on Voting Paper V.P.(55)31 :** At the close of the Prescribed Voting Period, the state of the voting on Voting Paper V.P.(55)31 was as follows :—

(a) *Affirmative Votes had been given by the following twenty-five (25) Commissioners (arranged in the order in which Votes were received) :*

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

(b) *Negative Votes :*

None ;

(c) *Voting Papers not returned :*

None.

**10. Declaration of Result of Vote :** On 23rd February 1956, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(55)31, signed a Certificate that the Votes cast were as set out in paragraph 9 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.

**11. Withdrawal of the proposal submitted in relation to the generic name “Homarus” Broun, 1881, on which, subsequent to the publication of the present application, action was taken by the International Commission by the Ruling given in “Direction ” 37 :** On 29th December 1955, Mr. Hemming, as Secretary, after signing



*Direction 37*, in which, *inter alia*, the Commission placed the generic name *Homarus* Broun, 1881, on the *Official Index of Rejected and Invalid Generic Names in Zoology*, executed the following Minute withdrawing from the scope of Application Z.N.(S.) 879 the proposal there submitted in regard to the foregoing name :—

**Withdrawal of the proposal relating to the generic name  
“ Homarus ” Broun, 1881, a junior homonym of  
“ Homarus ” Weber, 1795**

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

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

The routine proposals submitted in the present case included a recommendation (in Point (3) of paragraph 7) that the name *Homarus* Broun, 1881, a junior homonym of *Homarus* Weber, 1795, should be placed on the *Official Index of Rejected and Invalid Generic Names in Zoology*. The same proposal was later included in a Paper Numbered Z.N.(S.) 987, which was concerned with clearing up outstanding questions relating to the names of genera belonging to the Order Decapoda of the Class Crustacea placed on the *Official List of Generic Names in Zoology* in the period up to the end of 1936. This latter paper was submitted to the Commission under the One-Month Rule on 19th September 1955 with Voting Paper V.P.(O.M.)(55)28 and was approved by the Commission on 1st November 1955.

2. In the light of the above decision the proposal relating to the disposal of the invalid name *Homarus* Broun, 1881, submitted with Paper Z.N.(S.) 987, together with the other proposals there submitted, has today been incorporated in the Ruling given in a *Direction* numbered *Direction 37*.

3. In these circumstances no further action requires to be taken in connection with the name *Homarus* Broun, and the proposal in regard thereto in Application Z.N.(S.) 879 is accordingly withdrawn.

**12. Minute relative to the form of the Ruling to be given in the present case executed by the Secretary on 23rd February 1956 :** On 23rd February 1956, Mr. Hemming, as Secretary, executed the following Minute containing directions as to the form of the



Ruling to be given in the *Direction* embodying the decision of the Commission in the present case :—

Form of the Ruling to be given in the “ Direction ” embodying the decision by the International Commission in relation to the generic name “ *Homarus* ” Weber, 1795 (Class Crustacea, Order Decapoda)

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

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

Now that by its Vote on Voting Paper V.P.(55)31 the International Commission has approved the proposals in relation to the generic name *Homarus* Weber, 1795, submitted in Application Z.N.(S.) 879 (1955, *Bull. zool. Nomencl.* **11** : 114—116), it is necessary to give consideration to the question of the alternative forms of decision indicated in the Notes attached to Points (1) and (2) in paragraph 7 of the foregoing application to which attention was drawn in Note 4 submitted with the Voting Paper referred to above.

2. It will be recalled that, as pointed out in the foregoing Notes, the form of the decision to be recorded in the present case depends on the action taken by the Commission on two proposals then before it for the adoption of *Declarations* on questions of principle involved in this case. The proposals in question were the following :—

(a) *Application Z.N.(S.) 878 (Bull. zool. Nomencl.* **11** : 86—89)

In this application the Commission was asked to render a *Declaration* that, where there are two or more objectively identical nominal species, the designation, indication or selection of any of those species is to be accepted as conforming with the requirements of Article 30 of the *Règles*, irrespective of whether the nominal species concerned was cited by the original author when publishing the generic name in question. The decision to be taken on this application affects the decision to be taken in the case of *Homarus* Weber, for the first type selection for this genus (made by Rathbun in 1904) was that of *Cancer gammarus* Linnaeus, 1758, a nominal species which was not cited by Weber but which is objectively identical with *Astacus marinus* Fabricius, 1775, a nominal species which was cited by Weber. Under the rules hitherto obtaining Miss Rathbun's type selection for this genus would be invalid but under the proposed *Declaration* it would be valid.



(b) *Application Z.N.(S.) 908 (Bull. zool. Nomencl. 11 : 112—113)*

In this application the Commission was asked to render a *Declaration* that, where one of two or more objectively identical nominal species is designated, indicated or selected as the type species of a genus, that genus shall be cited as having as its type species the oldest established of the nominal species concerned. This *Declaration* would affect the present case for under it the genus *Homarus* Weber, 1795, would have as its type species the nominal species *Cancer gammarus* Linnaeus, 1758, whereas under the rules hitherto obtaining it would be necessary to cite as the type species of this genus the nominal species *Astacus marinus* Fabricius, 1775, which is objectively identical with, but possesses a later name than, the nominal species *Cancer gammarus* Linnaeus, 1758.

3. Both the foregoing applications have now been the subject of a vote by the Commission ; Application Z.N.(S.) 878 on Voting Paper V.P.(55)23 ; Application Z.N.(S.) 908 on Voting Paper V.P.(55)30. In each case the proposal submitted was approved by the Commission. The decision on Z.N.(S.) 878 has now been embodied in *Declaration 25*<sup>4</sup> ; that on Z.N.(S.) 908 in *Declaration 21*<sup>5</sup>.

4. By the decisions so taken the alternatives conditionally submitted in the Notes to Points (1) and (2) in paragraph 7 of Application Z.N.(S.) 879 cease to be applicable and accordingly the decision taken by the Commission on the foregoing application by its vote on Voting Paper V.P.(55)31 is to be interpreted as though those alternatives had not been put forward.

**13. Preparation of the Ruling given in the present " Direction " :**  
On 29th May 1956, Mr. Hemming prepared the Ruling given in the present *Direction* and at the same time signed a Certificate that the terms of that Ruling were in complete accord with those of the proposal approved by the International Commission in its Vote on Voting Paper V.P.(55)31, subject (1) to the withdrawal from the scope of the foregoing vote of the proposal relating to the name *Homarus* Broun, 1881, as directed in the Minute executed by the Secretary on 29th December 1955 and (ii) to the clarification in the Minute executed by that Officer on 23rd February 1956 of the situation regarding certain alternative

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<sup>4</sup> *Declaration 25* was published on 14th August 1956 (*Ops. Decls. int. Comm. zool. Nomencl. 13 : xxvii-xxxvi*).

<sup>5</sup> *Declaration 21* was published on 19th June 1956 (*Ops. Decls. int. Comm. zool. Nomencl. 12 : i-viii*).



proposals submitted with the above Voting Paper on matters depending upon the decision to be taken by the Commission when voting on Voting Paper V.P.(55)23 and Voting Paper V.P.(55)30 respectively. The Minutes referred to above have been reproduced in paragraphs 11 and 12 respectively of the present *Direction*.

**14. Original References :** The following are the original references for the names placed on *Official Lists* and *Official Indexes* by the Ruling given in the present *Direction* :—

*gammarus*, *Cancer*, Linnaeus, 1758, *Syst. Nat.* (ed. 10) **1** : 631

*Homarus* Milne Edwards (H.), 1837 (Roret's *Suite à Buffon*) *Hist. nat. Crust.* **2** : 333

*marinus*, *Astacus*, Fabricius (J.C.), 1775, *Syst. Ent.* : 413

*vulgaris*, *Homarus*, Milne Edwards (H.), 1837 (Roret's *Suite à Buffon*), *Hist. nat. Crust.* **2** : 334

**15.** The following is the reference for the selection of a type species for the genus *Homarus* Weber, 1795, specified in the Ruling given in the present *Direction* :—Rathbun (M.), 1904, *Proc. biol. Soc. Wash.* **17** : 170.

**16. Family-group-name problems :** As in the case of previous *Directions* containing amplifications or corrections of entries made in the *Official List of Generic Names in Zoology* by Rulings given in *Opinions* rendered in the period up to the end of 1936, it has been decided that the question of the family-group names involved in the present case be deferred until it is possible to deal comprehensively with all the family-group-name problems involved in connection with the names of genera of the group concerned placed on the *Official List* in the foregoing period.

**17.** 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.

18. The present *Direction* shall be known as *Direction Fifty-One (51)* of the International Commission on Zoological Nomenclature.

DONE in London, this Twenty-Ninth day of May, Nineteen Hundred and Fifty-Six.

*Secretary to the International Commission  
on Zoological Nomenclature*

**FRANCIS HEMMING**





International Commission on Zoological Nomenclature. 1956. "Direction 51 Revision of the entry on the Official List of Generic Names in Zoology relating to the name Homarus Weber, 1795 (class Crustacea, order Decapoda) (revision of a ruling given in Opinion 104)." *Opinions and declarations rendered by the International Commission on Zoological Nomenclature* 1D, 293–308.

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