

Ref

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 C. Part C.24. Pp. 353—364

DIRECTION 35

Addition to the *Official List of Generic Names in Zoology*
of the generic name *Columbina* Spix, 1825 (Class Aves)
(*Direction* in replacement of *Opinion* 31)

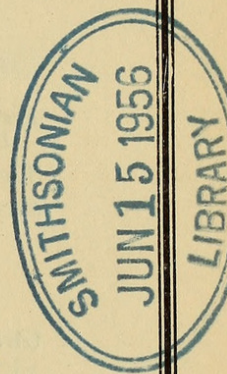
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INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

COMPOSITION AT THE TIME OF THE ADOPTION OF THE RULING GIVEN IN DIRECTION 35

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

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Professor Pierre Bonnet (*Université de Toulouse, France*) (9th June 1950)

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

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

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

DIRECTION 35

ADDITION TO THE "OFFICIAL LIST OF GENERIC
NAMES IN ZOOLOGY" OF THE GENERIC NAME
"COLUMBINA" SPIX, 1825 (CLASS AVES)
("DIRECTION" IN REPLACEMENT
OF "OPINION" 31)

RULING :—(1) The Ruling given in *Opinion* 31 is hereby cancelled as being erroneous and misleading and the foregoing *Opinion* is accordingly repealed for all except historical purposes.

(2) The under-mentioned generic names are hereby placed on the *Official List of Generic Names in Zoology* with the Name Nos. 1012 and 1013 respectively :—

(a) *Columbina* Spix, 1825 (gender : feminine) (type species, by selection by Gray (G.R.) (1841) : *Columbina strepitans* Spix, 1825) ;

(b) *Columbigallina* Boie, 1826 (gender : feminine) (type species, by monotypy : *Columba passerina* Linnaeus, 1758).

(3) The under-mentioned specific names are hereby placed on the *Official List of Specific Names in Zoology* with the Name Nos. 760 to 763 respectively :—

(a) *strepitans* Spix, 1825, as published in the combination *Columbina strepitans* (specific name of type species of *Columbina* Spix, 1825) ;

- (b) *picui* Temminck, 1813, as published in the combination *Columba picui* ;
- (c) *passerina* Linnaeus, 1758, as published in the combination *Columba passerina* (specific name of type species of *Columbigallina* Boie, 1826) ;
- (d) *griseola* Spix, 1825, as published in the combination *Columbina griseola*.

(4) The under-mentioned generic names are hereby placed on the *Official Index of Rejected and Invalid Generic Names in Zoology* with the Name Numbers severally specified below :—

- (a) *Chaemepelia* Swainson, 1827 (a junior objective synonym of *Columbigallina* Boie, 1826) (Name No. 453) ;
- (b) The under-mentioned Invalid Emendations of *Chaemepelia* Swainson, 1827 (Name Nos. 454 to 458) :—
 - (i) *Chaemapelia* Allen, 1908 ;
 - (ii) *Chaemepella* Bangs, 1907 ;
 - (iii) *Chaemepilia* Lawrence, 1862 ;
 - (iv) *Chamaepelia* Cuvier, 1829 ;
 - (v) *Chamaepilea* Bryant, 1866 ;
- (c) *Columbigallina* Oken, 1817 (a *nomen nudum*) (Name No. 459) ;
- (d) *Columbigallus* Streubel, 1842 (an Invalid Emendation of *Columbigallina* Boie, 1826) (Name No. 460).

I. THE SUBJECT MATTER OF THE PRESENT " DIRECTION "

The decision embodied in the present *Direction* is based upon material submitted to the Commission by the Secretary in the following paper dated 1st September 1955 :—

Proposed adoption of a " Direction " giving effect to the decision taken by the Commission in Paris in 1948 that the Ruling regarding the type species of the genus " Columbina " Spix, 1825 (Class Aves) given in " Opinion " 31 be cancelled as being erroneous and misleading, and matters incidental thereto

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

Secretary to the International Commission on Zoological Nomenclature

The purpose of the present paper is to lay before the Commission certain particulars relating to the type species of the genus *Columbina* Spix, 1825 (*Avium Spec. nov. Brasil.* 2 : 57) and associated questions, and to submit proposals for the adoption of a revised Ruling in place of the incorrect and misleading Ruling given in *Opinion* 31 (July 1911, *Smithson. Publ.* 2013 : 73—75) which the Commission decided in 1948 should be cancelled and replaced.

2. The basic facts of this case are very simple. In the Ruling (then styled " Summary ") given in *Opinion* 31, the Commission stated that up to that date no valid type selection had been made for the genus *Columbina* Spix, 1825, the selection of *Columba passerina* Linnaeus, 1758 (*Syst. Nat.* (ed. 10) 1 : 165) as the type species of this genus made by Gray (G.R.) in 1840 (*List Genera Birds* (ed. 1) : 58) being invalid, as that species was not included by Spix in the genus *Columbina* at the time when he first published that name. Already by the time that this *Opinion* was in proof, the statement that none of the originally included species had been selected as the type species of the genus *Columbina* Spix was out of date and incorrect, for the issue of *Science* for 3rd March 1911, had contained a note by Allen in which he so selected *Columbina griseola* Spix, 1825 (*Avium Spec. nov. Brasil* 2 : 58) (Allen, 1911, *Science* 33 : 336—337). It was not apparently considered necessary to resubmit this case to the Commission for the amendment of the proposed Ruling in the light of Allen's action, and the Ruling as previously adopted duly appeared in the *Opinion*, although it was by that time known to be incorrect. All that was done was to add a footnote (: 74) to the Section of the *Opinion* headed " Discussion " drawing attention to Allen's action. It must be assumed that this procedure was considered adequate to correct the

erroneous statement in the Ruling given in this *Opinion* and to place on record that the first type selection, and therefore the valid type selection, for the genus *Columbina* Spix was that of *Columbina griseola* Spix made by Allen in March 1911.

3. Unfortunately, it was not long before it was discovered that the Ruling given in *Opinion* 31 was incorrect, even after it had been amended in the manner described above. For in an undated note by the late Dr. Leonhard Stejneger printed as a footnote at the bottom of the first page of *Opinion* 38 (an *Opinion* which dealt with an entirely different subject, namely the status of names in Tunstall's anonymous work the *Ornithologia britannica* of 1771) (Feb. 1912, *Smithson. Publ.* 2060 : 89) attention was drawn to the fact that in 1841 (*List Genera Birds* (ed. 2) : 75), Gray (G.R.) had selected *Columbina strepitans* Spix, 1825 (*Avium Spec. nov. Brasil.* 2 : 57) to be the type species of *Columbina* Spix. This was one of the originally included species, and Gray's selection of it as the type species, long ante-dating that of *C. griseola* Spix by Allen in 1911, takes priority and is the valid type selection for this genus. As will be seen in paragraph 6 (6) below, the fact that *strepitans* and not *griseola* was found to be the valid type species of *Columbina* Spix altered the taxonomic content of that genus.

4. The last sentence of the footnote on the first page of *Opinion* 38 reads as follows :—" In view of this fact [i.e. in view of the fact that the true type species of *Columbina* is *C. strepitans*], brought to the attention of the Commission by Mr. W. E. Clyde Todd, *Opinion* 31 is hereby changed accordingly, and will be submitted to the members of the Commission for approval". "*Opinion* 31 is hereby changed" must be read in conjunction with the later part of the sentence in which it was stated that the *Opinion*, as so changed, would be "submitted to the members of the Commission for approval". Accordingly, this sentence must be taken as indicating an intention on the part of the author to recommend the Commission to amend the Ruling given in *Opinion* 31 so as to include the statement that the type species of the genus *Columbina* Spix, 1825, was *C. strepitans* Spix, 1825, by selection by Gray, 1841. However, no steps were taken to give effect to the announced intention of seeking the approval of the Commission for the amendment of *Opinion* 31 in the manner indicated.

5. At Paris in 1948 the Commission reviewed certain of its older *Opinions* for the purpose of bringing them up to a standard at which the Rulings given in them could be incorporated in the Schedules which it was then decided to add to the *Règles* for this purpose. The first of the *Opinions* reviewed from this point of view was *Opinion* 31, as regards which the Commission agreed "that the erroneous decision in *Opinion* 31 in regard to the type species of the genus *Columbina* Spix should be cancelled and that there should be substituted therefor the amended decision suggested by the late Dr. Stejneger and published

in 1911 (the year following the issue of the erroneous decision referred to above) as a footnote to the first page of *Opinion 38* " (1950, *Bull. Zool. Nomencl.* 4 : 337).

6. I have examined current standard catalogues and checklists in order to determine the recommendations which should be submitted to the Commission for the purpose of giving effect to the decision taken by it in 1948. In doing so I have borne in mind also the need for complying with the General Directives then issued to the Commission by the International Congress of Zoology in regard to the content and form of Rulings to be given in *Opinions* regarding nomenclatorial problems. The result of these investigations may be summarised as follows :—

- (1) *Columbina* Spix, 1825, is accepted as a taxonomically valid genus and Gray's (1841) selection of *Columbina strepitans* Spix, 1825, as the type species of this genus is accepted as the earliest, and therefore the valid, type selection for this genus.
- (2) The nominal species *Columbina strepitans* Spix, 1825, is accepted as representing a taxonomically valid unit, but the taxon so named is not regarded as being of specific rank, being treated as a subspecies of *Columba picui* Temminck, 1813 (*Hist. nat. gén. Pigeons Gallinacés* 1 : 435).
- (3) The nominal genus *Chaemepelia* Swainson, 1827 (*Zool. J.* 3 (11) : 361) has as its type species *Columba passerina* Linnaeus, 1758, by selection by Gray (G.R.), 1841 (*List Genera Birds* (ed. 2) : 75) as correctly stated in *Opinion 31*.
- (4) The name *Chaemepelia* Swainson, 1827, is a junior objective synonym of *Columbigallina* Boie, 1826 (*Isis* (Oken) 19 : 977), of which *Columba passerina* Linnaeus, 1758, is the type species by monotypy.
- (5) The name *Columbigallina* Boie, 1826, is an available name, as the earlier name *Columbigallina* Oken, 1817 (*Isis* (Oken) 1 : 1184) is a *nomen nudum* and accordingly possesses no status in zoological nomenclature. The genus *Columbigallina* Boie is currently accepted as a taxonomically valid genus.
- (6) The nominal species *Columbina griseola* Spix, 1825, which Allen (1911) invalidly selected as the type species of *Columbina* Spix, is currently referred to the genus *Columbigallina* Boie where it is treated as representing a taxon not of specific rank but of subspecific rank only, the taxon in question being regarded as a subspecies of *Columba passerina* Linnaeus, which (as shown in (4) above) is the type species of *Columbigallina* Boie.

7. The name *Chaemepelia* Swainson, 1827, was emended to *Chamaepelia* by Cuvier in 1829 (*Règne anim.* (ed. 2) 1 : 584) and during the time that this genus was accepted as taxonomically valid (i.e. before Swainson's name was sunk as a junior synonym of *Columbigallina* Boie, 1826) Cuvier's emendation was used by most authors. In view of the fact that *Chaemepelia* Swainson is now known to be an invalid name, it is not necessary to consider whether steps should be taken to validate Cuvier's emendation. In addition to the foregoing emendation of this name by Cuvier, no less than four other emendations are known in the literature. These, in alphabetical order, are :—(1) *Chaemapelia* Allen, 1908, *Bull. amer. Mus. nat. Hist.* 24 : 46 ; (2) *Chaemepella* Bangs, 1907, *Auk*, 24 : 292 ; (3) *Chaemepilia* Lawrence, 1862, *Ann. Lyceum New York* 7 : 301 ; (4) *Chamaepilea* Bryant, 1866, *Proc. Boston Soc. nat. Hist.* 10 : 257. In the case of *Columbigallina* Boie, one emendation only has been published, namely, *Columbigallus* Streubel, 1842, in Ersch & Gruber, *Allg. Ency.* (3) 17 : 94. This is an Invalid Emendation. The name *Columbina* Spix has not been emended by any later author.

8. No family-group-name problem arises in the present case, the genera *Columbina* Spix and *Columbigallina* Boie being both currently referred to the family COLUMBIDAE.

9. In the light of the information set forth above, I recommend that, in order to give effect to the decision taken in Paris in 1948 to cancel and replace the erroneous Ruling given in *Opinion* 31 (paragraph 5 above), the Commission should now adopt a *Direction* dealing with this matter as proposed below. This *Direction* should include also such Rulings as are required to comply with the General Directives issued by the International Congress of Zoology regarding the placing on *Official Lists* and *Official Indexes* of all names involved in applications submitted for decision. The *Direction* which the Commission is now recommended to adopt, should, it is proposed, provide as follows :—

- (1) that the Ruling given in *Opinion* 31 be cancelled as being erroneous and misleading, and that the foregoing *Opinion* be accordingly repealed for all except historical purposes (decision taken by the Commission in Paris in 1948) ;
- (2) that the under-mentioned generic names be placed on the *Official List of Generic Names in Zoology* :—
 - (a) *Columbina* Spix, 1825 (gender : feminine) (type species, by selection by Gray (G.R.) (1841) : *Columbina strepitans* Spix, 1825) ;
 - (b) *Columbigallina* Boie, 1826 (gender : feminine) (type species, by monotypy : *Columba passerina* Linnaeus, 1758) ;

(3) that the under-mentioned specific names be placed on the *Official List of Specific Names in Zoology* :—

- (a) *strepitans* Spix, 1825, as published in the combination *Columbina strepitans* (specific name of type species of *Columbina* Spix, 1825) ;
- (b) *picui* Temminck, 1813, as published in the combination *Columba picui* ;
- (c) *passerina* Linnaeus, 1758, as published in the combination *Columba passerina* (specific name of type species of *Columbigallina* Boie, 1826) ;
- (d) *griseola* Spix, 1825, as published in the combination *Columbina griseola* ;

(4) that the under-mentioned generic names be placed on the *Official Index of Rejected and Invalid Generic Names in Zoology* :—

- (a) *Chaemepelia* Swainson, 1827 (a junior objective synonym of *Columbigallina* Boie, 1826) ;
- (b) the under-mentioned Invalid Emendations of *Chaemepelia* Swainson, 1827 :—
 - (i) *Chaemapelia* Allen, 1908 ;
 - (ii) *Chaemepella* Bangs, 1907 ;
 - (iii) *Chaemepilia* Lawrence, 1862 ;
 - (iv) *Chamaepelia* Cuvier, 1829 ;
 - (v) *Chamaepilea* Bryant, 1866 ;
- (c) *Columbigallina* Oken, 1817 (a *nomen nudum*) ;
- (d) *Columbigallus* Streubel, 1842 (an Invalid Emendation of *Columbigallina* Boie, 1826).

2. Registration of the present application : Upon the receipt of Mr. Hemming's Report the question of the Commission adopting a revised Ruling in regard to the generic name *Columbina* Spix in place of that given in *Opinion* 31 was allotted the Registered Number Z.N.(S.) 932.

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

3. Issue of Voting Paper V.P.(O.M.)(55)26 : On 1st September 1955, a Voting Paper (V.P.(O.M.)(55)26) was issued in which

each Member of the Commission was asked to state (1) whether he agreed that, "in order to give effect to a decision taken by the Commission in Paris in 1948 that the Ruling relating to the type species of the genus *Columbina* Spix, 1825 (Class Aves) given in *Opinion* 31 be cancelled as being erroneous and misleading, and in compliance also with the General Directives issued to the Commission by the International Congress of Zoology relating to the maintenance and development of the *Official Lists* and *Official Indexes*, approval be given to the recommendations specified in paragraph 9 of the Report bearing the Registered Number Z.N.(S.) 932 submitted by the Secretary simultaneously with the present Voting Paper" [i.e. in the paragraph numbered as above in the Report reproduced in the first paragraph of the present *Direction*] and (2), if he did not so agree as regards any of the items included in the recommendations specified above, to indicate that item.

4. The Prescribed Voting Period : As the foregoing Voting Paper was issued under the One-Month Rule, the Prescribed Voting Period closed on 1st October 1955.

5. Particulars of the Voting on Voting Paper V.P.(O.M.)(55)26 : At the close of the Prescribed Voting Period, the state of the voting on Voting Paper V.P.(O.M.)(55)26 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) :*

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

(b) *Negative Votes :*

None ;

(c) *Voting Papers not returned :*

None.

6. Declaration of Result of Vote : On 4th October 1955, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(O.M.)(55)26, signed a Certificate that the Votes cast were as set out in paragraph 5 above and declaring that the proposal submitted in the foregoing Voting Paper had been duly adopted and that the decision so taken was the decision of the International Commission in the matter aforesaid.

7. Preparation of the Ruling given in the present " Direction " : On 17th December 1955, Mr. Hemming prepared the Ruling given in the present *Direction* and at the same time signed a Certificate that the terms of that Ruling were in complete accord with those of the proposal approved by the International Commission in its Vote on Voting Paper V.P.(O.M.)(55)26.

8. 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* :—

- Chaemapelia* Allen, 1908, *Bull. amer. Mus. nat. Hist.* **24** : 46
Chaemepelia Swainson, 1827, *Zool. J.* **3**(11) : 361
Chaemepella Bangs, 1907, *Auk* **24** : 292
Chaemepilia Lawrence, 1862, *Ann. Lyceum New York* **7** : 301
Chamaepelia Cuvier (G.L.C.F.D.), 1829, *Règn. anim.* (ed. 2) **1** : 584
Chamaepilea Bryant, 1866, *Proc. Boston Soc. nat. Hist.* **10** : 257
Columbigallina Oken, 1817, *Isis* (Oken) **1** : 1184
Columbigallina Boie, 1826, *Isis* (Oken) **19** : 977
Columbigallus Streubel, 1842, in Ersch & Gruber, *Allg. Ency.* (3) **17** : 94
Columbina Spix, 1825, *Avium Spec. nov. Brasil.* **2** : 57
griseola, *Columbina*, Spix, 1825, *Avium Spec. nov. Brasil.* **2** : 58
passerina, *Columba*, Linnaeus, 1758, *Syst. Nat.* (ed. 10) **1** : 165
picui, *Columba*, Temminck, 1813, *Hist. nat. gén. Pigeons Gallinacés* **1** : 435
strepitans, *Columbina*, Spix, 1825, *Avium Spec. nov. Brasil.* **2** : 57

9. The following is the reference for the selection of a type species for the genus *Columbina* Spix, 1825, specified in the

Ruling given in the present *Direction* :—Gray (G.R.), 1841, *List Genera Birds* (ed. 2) : 75.

10. Family-Group-Name Position : Both the genera, the names of which are dealt with in the present *Direction*, are currently referred to the family COLUMBIDAE and no family-group-name problem arises in their case.

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* Thirty-Five (35) of the International Commission on Zoological Nomenclature.

DONE in London, this Seventeenth day of December, Nineteen Hundred and Fifty-Five.

*Secretary to the International Commission
on Zoological Nomenclature*

FRANCIS HEMMING

NOTICE TO SUBSCRIBERS

The present Section (Section C) of Volume 1 will be complete on the publication of one further Part (Part 25) containing the Title Page and Indexes for the Section.

The next Part containing a " *Direction* " relating to some matter arising on an " *Opinion* " published in the period up to the end of 1936 will be issued as the first Part of Section D.



International Commission on Zoological Nomenclature. 1956. "Direction 35 Addition to the Official List of Generic Names in Zoology of the generic name *Columbina* Spix, 1825 (class Aves) (Direction in replacement of Opinion 31)." *Opinions and declarations rendered by the International Commission on Zoological Nomenclature* 1C, 353–364.

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