

OPINIONS AND DECLARATIONS RENDERED BY THE INTER- NATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

Edited by

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

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OPINION 539

Protection under the Plenary Powers of the specific name
bullata Müller (O.F.), 1776, as published in the combina-
tion *Akera bullata* (Class Gastropoda)

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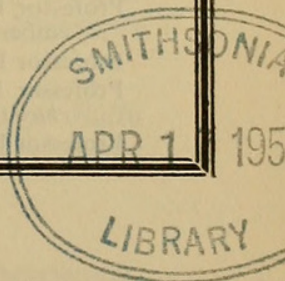
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INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

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OPINION 539

PROTECTION UNDER THE PLENARY POWERS OF THE SPECIFIC NAME "BULLATA" MÜLLER (O.F.), 1776, AS PUBLISHED IN THE COMBINATION "AKERA BULLATA" (CLASS GASTROPODA)

RULING :—(1) Under the Plenary Powers the specific name *canaliculata* Linnaeus, 1758, as published in the combination *Bulla canaliculata*, is hereby suppressed for the purposes of the Law of Priority but not for those of the Law of Homonymy.

(2) The under-mentioned generic name is hereby placed on the *Official List of Generic Names in Zoology* with the name No. 1331 :—

Akera Müller (O.F.), 1776 (gender : feminine) (type species, by monotypy : *Akera bullata* Müller (O.F.), 1776).

(3) The under-mentioned specific names are hereby placed on the *Official List of Specific Names in Zoology* with the Name Numbers severally specified below :—

(a) *bullata* Müller (O.F.), 1776, as published in the combination *Akera bullata* (specific name of type species of *Akera* Müller (O.F.), 1776) (Name No. 1598) ;

(b) *soluta* Gmelin (J.F.), [1791], as published in the combination *Bulla soluta* (Name No. 1599).

(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) the under-mentioned names, each of which is an Invalid Emendation of *Akera* Müller (O.F.), 1776 :—

(i) *Acera* Lamarck, 1812 (Name No. 1226) ;

(ii) *Acera* Rafinesque, 1815 (Name No. 1227) ;

(iii) *Acera* Agassiz (J.L.R.), 1846 (Name No. 1228) ;

(iv) *Acera* Agassiz (J.L.R.), 1848 (Name No. 1229) ;

(v) *Aceras* Locard, 1886 (Name No. 1230) ;

(b) the under-mentioned names, each of which is a junior objective synonym of *Akera* Müller (O.F.), 1776 :—

(i) *Vitrella* Swainson, 1840 (Name No. 1231) ;

(ii) *Eucampe* Gray (J.E.), 1847 (Name No. 1232) ;

(c) *Vitrella* Clessin, 1877 (a junior homonym of *Vitrella* Swainson, 1840) (Name No. 1233).

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

(a) *canaliculata* Linnaeus, 1758, as published in the combination *Bulla canaliculata*, as suppressed under the Plenary Powers in (1) above (Name No. 571) ;

(b) *akera* Gmelin (J.F.), [1791], as published in the combination *Bulla akera* (a junior objective synonym, through the lectotype selection by Lemche (1957), of *bullata* Müller (O.F.), 1776, as published in the combination *Akera bullata*) (Name No. 572) ;

(c) *donovani* Gray (J.E.), 1847, as published in the combination *Eucampe donovani* (a junior objective synonym, through the lectotype selection by Lemche (1957), of *bullata* Müller (O.F.), 1776, as published in the combination *Akera bullata*) (Name No. 573).

(6) The under-mentioned family-group name is hereby placed on the *Official List of Family-Group Names in Zoology* with the Name No. 256 :—

AKERIDAE Pilsbry, 1893 (type genus : *Akera* Müller (O.F.), 1776).

(7) The under-mentioned family-group names are hereby placed on the *Official Index of Rejected and Invalid Family-Group Names in Zoology* with the Name Numbers severally specified below :—

(a) AKERATIDAE Pilsbry, 1896 (type genus : *Akera* Müller, (O.F.), 1776) (an Erroneous Subsequent Spelling for AKERIDAE Pilsbry, 1893) (Name No. 285) ;

(b) ACERIDAE Odhner, 1907 (type genus : *Akera* Müller (O.F.), 1776) (an Erroneous Subsequent Spelling for AKERIDAE Pilsbry, 1893) (Name No. 286).

I. THE STATEMENT OF THE CASE

On 5th June 1948, Dr. Henning Lemche (then of the *Kgl. Veterinaer-og Landbohøjskole, Copenhagen*, and now of the *Universitetets Zoologiske Museum, Copenhagen*) addressed a preliminary communication to the Office of the Commission on the subject of the possible preservation of the specific name *bullata* Müller (O.F.), 1776, as published in the combination *Akera bullata*. This case raised a question of what constitutes a Valid Emendation (in this case, the emendation to *Acera* of the name *Akera* Müller, 1786), a matter which was at that time *sub judice* and remained so until after the Copenhagen Congress in 1953. The issue here involved was examined in 1954 in the light of the Copenhagen decision, and this led to the submission to the Commission by Dr. Lemche of the following application on 5th November 1956 :—

Proposed use of the Plenary Powers for the purpose of securing that the name “*bullata*” Müller (O.F.), 1776, as published in the combination “*Akera bullata*”, shall be the oldest available name for the species currently so known (Class Gastropoda)

By HENNING LEMCHE
(*Universitetets Zoologiske Museum, Copenhagen*)

The present application has two objects. Of these the principal is to ask the Commission to use its Plenary Powers for the purpose of validating the specific name *bullata*, Müller (O.F.), 1776, as published in the combination *Akera bullata*, by suppressing the name *canaliculata* Linnaeus, 1758, as published in the combination *Bulla canaliculata*. The second object of the present application is to obtain from the Commission an authoritative Ruling on the question whether the original orthography for the generic name *Akera* Müller (O.F.),

1776, should be retained or whether that name should be emended to *Acera*. It will be convenient for purposes of presentation to consider the second of these questions first.

I. Question of the orthography to be adopted for the generic name published as "Akerá" by Müller (O.F.) in 1776

2. The nominal genus *Akerá* was founded by Müller (O.F.) in 1776 (*Zool. dan. Prodr.* : xxix, 242) for the single species *Akerá bullata* Müller (O.F.), 1776 (*ibid.* : 242), which is therefore the type species of this genus by monotypy.

3. This generic name was spelled "Akerá" by Müller in all his publications, but from the point of view of a Latin or Latinised word this spelling appears to be incorrect. Lamarck in 1812 (*Extr. Cours Zool. Mus. Hist. nat.*, Paris) was apparently the first author to emend the spelling of this generic name, which he altered to *Acera*. Later, the same emendation was published by two other authors, first, by Rafinesque (1815, *Analyse Nature* : 142) and, second by Agassiz (J.L.R.) (1846, *Nomencl. zool.*, Moll. : 3). A few years later Agassiz again published this emendation as new (1848, *Nomencl. zool. Index univ.* : 19).

4. In 1948 (*K. danske vidensk. Selsk. (Biol. Skrift.)* 5 (No. 3) : 98—99) in Part II of my paper "Northern and Arctic Tectibranch Molluscs", I made a survey of the relative frequency with which the spellings *Akerá* and *Acera* had been used in the literature relating to the North Atlantic Ocean. I then found that in a total of 119 papers, the spelling *Akerá* had been used in 61 papers and the spelling *Acera* in 58 papers. It can, I think, be safely assumed that these papers are representative of the literature as a whole and therefore that there has been no decided preference either for the spelling *Akerá* or for the spelling *Acera*.

5. The present case was first submitted to the Commission in February 1947 at a time when the provisions in the *Règles* relating to the emendation of names (Article 19) were far from clear. It seemed likely, however, at that time that the spelling *Akerá* ought to be emended to *Acera*, as being either a *faute d'orthographe* or a *faute de transcription*. Since that time the whole question of the rules to be observed in emending names has been studied exhaustively by the Fourteenth International Congress of Zoology, Copenhagen, 1953, which substituted a new and clear set of rules for the ambiguous provisions of the old Article 19. Under the decisions taken by the Copenhagen Congress an emendation is not to be accepted unless there is "clear evidence in the original publication that this spelling was based on an inadvertent error"; at the same time the Congress laid it down that the expression "inadvertent error" does not include an error of transliteration into the Latin alphabet from some other alphabet (1953, *Copenhagen Decisions zool. Nomencl.* : 43, Decision 71(1)(a)(i)). Since, as already explained (paragraph 3) there is nothing in Müller's *Prodromus* of 1776 to indicate that the spelling *Akerá* was due to an inadvertent error, it is now clear that the spelling *Akerá* is a Valid Original Spelling and that the later emendations of this name to *Acera* were Invalid Emendations. Further, it is evident from the particulars given in paragraph 4 above that there would be no justification on grounds of usage for the use of the Plenary Powers for the purpose of validating the emendation *Acera*.

6. In order that the treatment to be accorded to the various aspects of the present case may be as comprehensive as possible reference should be made also to the following names, each of which is objectively invalid and none of which has ever been used since the papers in which they were originally published :—

(a) *Vitrella* Swainson, 1840, *Treat. Malac.* : 360

This genus was established by Swainson with the following diagnosis : “Animal—? shell internal, hyaline, subtransparent, convolute ; the apex carinated, the substance elastic ”. No nominal species was cited by Swainson, but the description which he gave cannot well be anything but that of *Akera bullata* Müller, 1776. I accordingly hereby place that nominal species in the genus *Vitrella* Swainson and designate it as the type species of that genus, thus making the name *Vitrella* Swainson, 1840, a junior objective synonym of *Akera* Müller, 1776. It should be noted also that there is a name *Vitrella* Clessin, 1877 (*Dtsch. Excurs.-Moll. Fauna* : 321, 334) which is an invalid junior homonym of *Vitrella* Swainson.

(b) *Eucampe* (Leach) Gray (J.E.), 1847, *Ann. Mag. nat. Hist.* (1) 20 : 268

In his paper on the “ Classification of the British Mollusca by W. E. Leach, M.D., 1818 ” Gray cited “*Eucampe Donovanii*. *Bulla akera* Mont.”. The name *donovani* Gray is no more than an unwanted substitute name for *akera* Gmelin, [1791] (*in* Linnaeus, *Syst. Nat.* (ed. 13) 1 : 3434), as published in the combination *Bulla akera*, for Montagu never published this as a new name, using it only (1804, *Test. Brit.* 1 : 219) as previously employed by Gmelin. Gmelin’s name *akera* is also an unwanted name based upon a number of bibliographical references, of which the first was to *Akera bullata* Müller, 1776. In order to dispose of these names I hereby select the type specimen of *Akera bullata* Müller to be the lectotype both of *Bulla akera* Gmelin, [1791], and of *Eucampe donovani* Gray, 1847, thus making both *akera* Gmelin and *donovani* Gray junior objective synonyms of *bullata* Müller. By this action the nominal species *Eucampe donovani* Gray and *Akera bullata* Müller become objectively identical with one another, and, as the former is the type species by monotypy of *Eucampe* Gray, 1847, while (as already shown) the latter is the type species of *Akera* Müller, 1776, the name *Eucampe* Gray is invalid as a junior objective synonym of *Akera* Müller.

(c) *Aceras* Locard, 1886, *Prodr. Malac. franc.* 2 (Moll. mar.) : 79

In a work designed to correct all the names of genera of Mollusca occurring in France Locard invalidly emended the name *Akera* Müller to *Aceras*.

7. In order finally to settle the question discussed above, I now ask the International Commission to place the generic name *Akera* Müller on the *Official List* and the various invalid emendations of that name discussed above, together with the invalid names *Vitrella* Swainson and *Eucampe* Gray, on the *Official Index of Rejected and Invalid Generic Names in Zoology*. At the same time the invalid homonym *Vitrella* Clessin should also be placed on that *Index*.

8. The nominal genus *Akera* Müller was apparently first made the type genus of a family-group taxon by Pilsbry in 1893 (*in* Tryon, *Man. Conch.*

15 : 350). The name so published was in the correct form AKERIDAE. Three years later, however, Pilsbry (1896, *ibid.* 16 : 230) emended this name to the incorrect form AKERATIDAE, while in 1907 (*K. Svensk. Vet.-Akad. Handl.* (4) 41 (No. 4) : 7) Odhner introduced the further invalid variant ACERIDAE. The above name in the form in which it was published by Pilsbry in 1893 should now be placed on the *Official List*, the two invalid variants noted above being at the same time placed on the *Official Index*.

II. Proposed suppression under the Plenary Powers of the specific name "canaliculata" Linnaeus, 1758, as published in the combination "Bulla canaliculata"

9. According to current taxonomic ideas, the genus *Akera* Müller contains two species, namely : (1) *Akera bullata* Müller, 1776 (the type species) ; (2) *Bulla soluta* Gmelin, [1791] (*in* Linnaeus, *Syst. Nat.* (ed. 13) 1(6) : 3434). The second of these species lives in East Indian waters. There is, however, a nominal species which has been doubtfully referred to this genus. This is *Bulla canaliculata* Linnaeus, 1758 (*Syst. Nat.* (ed. 10) 1 : 727). The type specimen of this species has been lost. According to Hanley (1855, *Ipsa Linn. Conchyliæ* : 207), however, that specimen probably belonged to a species of *Akera*. Hanley considered that the name *canaliculata* was probably a senior synonym of *ceylanica* Bruguière (*Bulla ceylanica* Bruguière, [1792], *Ency. méth.*, Vers 1(2) : 377), which itself is now regarded as a junior synonym of *soluta* Gmelin, [1791]. Jeffreys, writing some twelve years later (1867, *Brit. Conch.* 4 : 432) suggested, however, that *canaliculata* Linnaeus might be another name for the species now known as *bullata* Müller.

10. The two species of *Akera* are well established under the names *bullata* Müller and *soluta* Gmelin, the former especially being very well known. It would therefore be open to great objection if either were to be threatened by the name *canaliculata* Linnaeus, which has not been used since the time of Linnaeus. As a *nomen dubium*, the last name, while serving no useful purpose, will constitute a potential danger to stability in nomenclature, so long as it is open to any author to claim to identify the species so named with one or other of the two species of *Akera*. I recommend therefore that this name should be suppressed by the Commission under its Plenary Powers for the purposes of the Law of Priority but not for those of the Law of Homonymy.

III. Recommendations

11. In the light of the considerations outlined in the preceding paragraphs I recommend the International Commission :—

- (1) to use its Plenary Powers for the purpose of suppressing the specific name *canaliculata* Linnaeus, 1758, as published in the combination *Bulla canaliculata*, for the purposes of the Law of Priority but not for those of the Law of Homonymy ;
- (2) to place the under-mentioned generic name on the *Official List of Generic Names in Zoology* : *Akera* Müller (O.F.), 1776 (gender : feminine) (type species, by monotypy : *Akera bullata* Müller (O.F.), 1776) ;

- (3) to place the under-mentioned specific names on the *Official List of Specific Names in Zoology* :—
- (a) *bullata* Müller (O.F.), 1776, as published in the combination *Akera bullata* (specific name of type species of *Akera* Müller (O.F.), 1776) ;
 - (b) *soluta* Gmelin, [1791], as published in the combination *Bulla soluta* ;
- (4) to place the under-mentioned generic names on the *Official Index of Rejected and Invalid Generic Names in Zoology* :—
- (a) the under-mentioned names, each of which is an Invalid Emendation of *Akera* Müller (O.F.), 1776 :—
 - (i) *Acera* Lamarck, 1812 ;
 - (ii) *Acera* Rafinesque, 1815 ;
 - (iii) *Acera* Agassiz (J.L.R.), 1846 ;
 - (iv) *Acera* Agassiz (J.L.R.), 1848 ;
 - (v) *Aceras* Locard, 1886 ;
 - (b) the under-mentioned names, each of which is a junior objective synonym of *Akera* Müller (O.F.), 1776 :—
 - (i) *Vitrella* Swainson, 1840) ;
 - (ii) *Eucampe* Gray (J.E.), 1847 ;
 - (c) *Vitrella* Clessin, 1877 (a junior homonym of *Vitrella* Swainson, 1840) ;
- (5) to place the under-mentioned specific names on the *Official Index of Rejected and Invalid Specific Names in Zoology* :—
- (a) *canaliculata* Linnaeus, 1758, as published in the combination *Bulla canaliculata*, as suppressed under the Plenary Powers under (1) above ;
 - (b) the under-mentioned specific names, each of which is a junior objective synonym of *bullata* Müller (O.F.), 1776, as published in the combination *Akera bullata* :—
 - (i) *akera* Gmelin, [1791], as published in the combination *Bulla akera* ;
 - (ii) *donovani* Gray (J.E.), 1847, as published in the combination *Eucampe donovani* ;
- (6) to place the under-mentioned family-group name on the *Official List of Family-Group Names in Zoology* : AKERIDAE Pilsbry, 1893 (type genus : *Akera* Müller (O.F.), 1776) ;
- (7) to place on the *Official Index of Rejected and Invalid Family-Group Names in Zoology*, the undermentioned family-group names, each of which is an Erroneous Subsequent Spelling for AKERIDAE Pilsbry, 1893 (type genus : *Akera* Müller (O.F.), 1776) :—
- (a) AKERATIDAE Pilsbry, 1896 ;
 - (b) ACERIDAE Odhner, 1907.

II. THE SUBSEQUENT HISTORY OF THE CASE

2. Registration of the present application : Upon the receipt of Dr. Lemche's preliminary communication the question of the possible preservation of the specific name *bullata* Müller (O.F.), 1776, as published in the combination *Akera bullata*, (Class Gastropoda), was allotted the Registered Number Z.N.(S.)380.

3. Publication of the present application : The present application was sent to the printer on 9th October 1956 and was published on 25th January 1957 in Part 1 of Volume 13 of the *Bulletin of Zoological Nomenclature* (Lemche, 1957, *Bull. zool. Nomencl.* **13** : 3-8).

4. Issue of Public Notices : Under the revised procedure prescribed by the Thirteenth International Congress of Zoology, Paris, 1948 (1950, *Bull. zool. Nomencl.* **4** : 51-56), Public Notice of the possible use by the International Commission on Zoological Nomenclature of its Plenary Powers in the present case was given on 25th January 1957 (a) in Part 1 of Volume 13 of the *Bulletin of Zoological Nomenclature* (the Part in which Dr. Lemche's application was published) and (b) to the other prescribed serial publications. In addition such Notice was given to four general zoological serial publications and to one specialist serial in Europe.

5. Question of the form of the family-group name based on "Akera" Müller (O.F.), 1776 : During the Prescribed Six-Month Waiting Period following the publication of the present application in the *Bulletin of Zoological Nomenclature* a correspondent raised the question of the spelling which should be used for the family name based on the generic name *Akera* Müller (O.F.), 1776. This question was referred to Professor L. W. Grensted, Consulting Classical Adviser to the Commission, who on 3rd April 1957 submitted the following Report :—

The form AKERIDAE is certainly correct. The name is a queer one, since "k" is a very rare letter in Latin and the Greek "κ", as in κερας, a horn (from which, I suppose, *Akera* is derived) would normally be transliterated by "c". The Latin *Kalendae*—Kalends—is almost the only word where the "k" is retained.

The case of *Akera* is exactly like that of *Trichocera* (TRICHOCERIDAE), *Heterocerus* (HETEROCERIDAE), *Tetanocera* (TETANOCERINAE) and many more coming under Copenhagen Decision 84(3) in a perfectly normal way.

6. No Objection Received : The publication of the present application and the issue of Public Notices in regard thereto elicited no objection to the general purposes sought by the applicant. Indeed, the only communication received in regard to this case was that in regard to the form of the family-group name involved in this case.

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

7. Issue of Voting Paper V.P.(57)46 : On 31st July 1957 a Voting Paper (V.P.(57)46) was issued in which the Members of the Commission were invited to vote either for, or against, "the proposal relating to the specific name *bullata* Müller (O.F.), 1776, as published in the combination *Akera bullata*, as set out in Points (1) to (7) in paragraph 11 on pages 6-8 in Volume 13 of the

Bulletin of Zoological Nomenclature ” [i.e. in the paragraph numbered as above in the paper reproduced in the first paragraph of the present *Opinion*].

8. The Prescribed Voting Period : As the foregoing Voting Paper was issued under the Three-Month Rule, the Prescribed Voting Period closed on 31st October 1957.

9. Particulars of the Voting on Voting Paper V.P.(57)46 : At the close of the Prescribed Voting Period, the state of the voting on Voting Paper V.P.(57)46 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 ; Mayr ; Hering ; Mertens ; Lemche ; Hankó ; Key ; Vokes ; Dymond ; Riley ; Bradley (J.C.) ; do Amaral ; Esaki ; Hemming ; Prantl ; Kühnelt ; Stoll ; Bonnet ; Boschma ; Jaczewski ; Sylvester-Bradley ; Cabrera ; Tortonese ; Miller ;

(b) *Negative Votes :*

None ;

(c) *Voting Papers not returned :*

None.

10. Declaration of Result of Vote : On 1st November 1957, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(57)46, 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. Preparation of the Ruling given in the present “ Opinion ” : On 4th May 1958, Mr. Hemming prepared the Ruling given in the present *Opinion* 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.(57)46.

12. Original References for Generic and Specific Names : 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 *Opinion* :—

Acera Lamarck, 1812, *Extr. Cours Zool. Mus. Hist. nat.*, Paris

Acera Rafinesque, 1815, *Analyse Nature* : 142

Acera Agassiz (J.L.R.), 1846, *Nomencl. zool.*, Moll. : 3

Acera Agassiz (J.L.R.), 1848, *Nomencl. zool. Index univ.* : 19

Aceras Locard, 1886, *Prodr. Malac. franç.* 2 (Moll. mar.) : 79

Akera Müller (O.F.), 1776, *Zool. dan. Prodr.* : xxix, 242

akera, *Bulla*, Gmelin (J.F.), [1791], in Linnaeus, *Syst. Nat.* (ed. 13) 1 : 3434

bullata, *Akera*, Müller (O.F.), 1776, *Zool. dan Prodr.* : 242

canaliculata, *Bulla*, Linnaeus, 1758, *Syst. Nat.* (ed. 10) 1 : 727

donovani, *Eucampe*, Gray (J.E.), 1847, *Ann. Mag. nat. Hist.* (1) 20 : 268

Eucampe Gray (J.E.), 1847, *Ann. Mag. nat. Hist.* (1) **20** : 268
soluta, *Bulla*, Gmelin (J.F.), [1791], in Linnaeus, *Syst. Nat.* (ed. 13) **1** : 3434
Vitrella Swainson, 1840, *Treat. Malac.* : 360
Vitrella Clessin, 1877, *Dtsch. Excurs. Moll. Fauna* : 321, 334

13. References for selection of lectotypes for nominal species : The following are the references for the selection of lectotypes for nominal species specified in the Ruling given in the present *Opinion* :—

For <i>Bulla akera</i> Gmelin (J.F.), [1791]	Lemche (H.), 1957, <i>Bull. zool. Nomencl.</i> 13 : 5, paragraph 6(b)
For <i>Eucampe donovani</i> Gray (J.E.), 1847	Lemche (H.), 1957, <i>Bull. zool. Nomencl.</i> 13 : 5, paragraph 6(b)

14. Original References for Family-Group Names : The following are the references for the family-group names specified in the Ruling given in the present *Opinion* :—

ACERIDAE Odhner, 1907, *K. Svensk. Vet.-Akad. Handl.*, Stockholm (4)**41** (No. 4) : 7

AKERATIDAE Pilsbry, 1896, in Tryon, *Man. Conch.* **16** : 230

AKERIDAE Pilsbry, 1893, in Tryon, *Man. Conch.* **15** : 350

15. Compliance with Prescribed Procedures : The prescribed procedures were duly complied with by the International Commission on Zoological Nomenclature in dealing with the present case, and the present *Opinion* is accordingly hereby rendered in the name of the said International Commission by the under-signed Francis Hemming, Secretary to the International Commission on Zoological Nomenclature, in virtue of all and every the powers conferred upon him in that behalf.

16. "Opinion" Number : The present *Opinion* shall be known as *Opinion* Five Hundred and Thirty-Nine (539) of the International Commission on Zoological Nomenclature.

DONE in London, this Fourth day of May, Nineteen Hundred and Fifty-Eight.

*Secretary to the International Commission
on Zoological Nomenclature*

FRANCIS HEMMING



1959. "Opinion 539 Protection under the Plenary Powers of the specific name bullata Muller (O. F.), 1776, as published in the combination Akera bullata (Class Gastropoda)." *Opinions and declarations rendered by the International Commission on Zoological Nomenclature* 20, 65–76.

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