OPINIONS AND DECLARATIONS
RENDERED BY THE INTERNATIONAL COMMISSION ON
ZOOLOGICAL NOMENCLATURE

Edited by

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

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DIRECTION 29
Substitution of an amended entry on the Official List of Generic Names in Zoology relating to the name Segestria Latreille, 1804 (Class Arachnida) in place of the incorrect entry thereon of the name Segestria Walckenaer, 1805, made by the 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 29

A. The Officers of the Commission

Honorary Life President: Dr. Karl Jordan (British Museum (Natural History), Zoological Museum, Tring, Herts., England)

President: Professor James Chester Bradley (Cornell University, Ithaca, N.Y., U.S.A.) (12th August 1953)

Vice-President: Senhor Dr. Afranio do Amaral (Sao Paulo, Brazil) (12th August 1953)

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

B. The Members of the Commission

(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)


Senor Dr. Angel Cabrera (Eva Peron, F.C.N.G.R., Argentina) (27th July 1948).

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

Dr. Joseph Pearson (Tasmanian Museum, Hobart, Tasmania, Australia) (27th July 1948).

Dr. Henning Lemche (Universitetets Zoologiske Museum, Copenhagen, Denmark) (27th July 1948).

Professor Teiso Esaki (Kyushu University, Fukuoka, Japan) (17th April 1950).

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

Mr. Norman Denbigh Riley (British Museum (Natural History), London) (9th June 1950).

Professor Tadeusz Jacezewski (Institute of Zoology, Polish Academy of Sciences, Warsaw, Poland) (15th June 1950).


Professor Erich Martin Hering (Zoologisches Museum der Humboldt-Universität zu Berlin, Germany) (5th July 1950).

Senhor Dr. Afranio do Amaral (S. Paulo, Brazil) (12th August 1953) (Vice-President).

Professor J. R. Dymond (University of Toronto, Toronto, Canada) (12th August 1953).

Professor J. Chester Bradley (Cornell University, Ithaca, N.Y., U.S.A.) (12th August 1953) (President).

Professor Harold E. Vokes (Johns Hopkins University, Baltimore, Maryland, U.S.A.) (12th August 1953).

Professor Béla Hankó (Mezőgazdasági Múzeum, Budapest, Hungary) (12th August 1953).

Dr. Norman R. Stoll (Rockefeller Institute for Medical Research, New York, N.Y., U.S.A.) (12th August 1953).

Mr. P. C. Sylvester-Bradley (Sheffield University, Sheffield, England) (12th August 1953).

Dr. L. B. Holthuis (Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands) (12th August 1953).
DIRECTION 29

SUBSTITUTION OF AN AMENDED ENTRY ON THE "OFFICIAL LIST OF GENERIC NAMES IN ZOOLOGY" RELATING TO THE NAME "SEGESTRIA" LATREILLE, 1804 (CLASS ARACHNIDA) IN PLACE OF THE INCORRECT ENTRY THEREON OF THE NAME "SEGESTRIA" WALCKENAER, 1805, MADE BY THE RULING GIVEN IN "OPINION" 104

RULING:—(1) the entry on the Official List of Generic Names in Zoology of the name Segestria Walckenaer, 1805, erroneously made by the Ruling given in Opinion 104 is hereby deleted and the following revised entry is hereby made under the same Name No. (Name No. 506):

Segestria Latreille, 1804 (type species, by subsequent selection by Latreille (1810): Aranea florentina Rossi, 1790)

(2) The under-mentioned generic name is hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology with the Name No. 400:—Segestria Walckenaer, 1805 (a junior homonym of Segestria Latreille, 1804).

(3) The under-mentioned specific name is hereby placed on the Official List of Specific Names in Zoology with the Name No. 675:—florentina Rossi, 1790, as published in the combination Aranea florentina (specific name of type species of Segestria Latreille, 1804).

(4) The under-mentioned specific name is hereby placed on the Official Index of Rejected and Invalid Specific Names in Zoology with the Name No. 258:—perfida Walckenaer, 1802, as published in the combination Aranea perfida (a junior objective synonym of florentina Rossi, 1790, as published in the combination Aranea florentina).
(5) The under-mentioned family-group name is hereby placed on the Official List of Family-Group Names in Zoology with the Name No. 68: — SEGESTRIINAE Simon (E.), 1893 (type genus: Segestria Latreille, 1804).

(6) The under-mentioned family-group name is hereby placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology with the Name No. 52: — SEGESTRIENS Simon (E.), 1864 (type genus: Segestria Latreille, 1804) (invalid because a vernacular (French) word).

I.—THE STATEMENT OF THE CASE

During the course of a preliminary survey of the earlier entries on the Official List of Generic Names in Zoology undertaken for the purpose of making an estimate of the amount of work which would be needed before that Official List could be published in book-form, Mr. Francis Hemming, Secretary to the Commission, noted (in December 1943) that the entry of the name Segestria Walckenaer, 1805 (Class Arachnida) made on that List by the Ruling given in Opinion 104 appeared to be incorrect. As the result of further investigations, Mr. Hemming on 26th June 1951 submitted to the Commission the following application for the substitution on the Official List of a revised entry relating to the name Segestria which it had then been ascertained had first been published by Latreille in 1804, that is, one year before it had been published by Walckenaer, to whom it had been attributed in Opinion 104:

Proposed correction of the entry in the “Official List of Generic Names in Zoology” relating to the name there recorded as “Segestria” Walckenaer, 1805 (Class Arachnida, Order Araneida) (proposed correction of an error 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 International Commission on Zoological Nomenclature to correct an error in the
entry on the *Official List of Generic Names in Zoology* relating to the name *Segestria* there attributed to Walckenaer, 1805 (Class Arachnida, Order Araneida), which was detected in the process of preparing the *Official List* for publication in book-form.

2. The above generic name was placed on the *Official List* in *Opinion 104* (1928, *Smithson. misc. Coll.* 73 (No. 5) : 25, 27). Its type species was there stated to be "*florentina*" by subsequent designation.

3. In the process of routine checking, I noted that Neave (1940, *NomencL zooL.* 4 : 164) recorded two nominal genera as having been established with the name *Segestria*. These were:


4. It was immediately apparent from the above discovery that, unless the name *Segestria* Latreille, 1804, had been published without an "indication" and was therefore a *nomen nudum*, the name *Segestria* Walckenaer, 1805, which had been placed on the *Official List* under *Opinion 104*, was an invalid junior homonym. At this point, I applied for assistance to Mr. R. J. Whittick, at that time in charge of the Arachnida collection in the British Museum (Natural History), to whom I am indebted for the information on which the proposals now submitted are based.

5. The nominal genus *Segestria* Latreille, 1804, was established with the following diagnosis: "Yeux écartés sur une ligne transversale, remontant deux bouts. (Segestrie, *Segestria.*) Les tubiformes de Walckenaer." This is therefore a nominal genus established without any nominal species clearly referred thereto. As such, its type species could, until 1948, have been determined only under the provisions of the Commission's *Opinion 46*. It will be recalled, however, that, on the recommendation of the International Commission on Zoological Nomenclature, the Thirteenth International Congress of Zoology incorporated into the *Règles* revised and simplified provisions for determining the type species of nominal genera established in the foregoing manner, *Opinion 46* (which had always been most unsatisfactory) being at the same time cancelled (1950, *Bull. zool. Nomencl.* 4 : 159—160, 166, 346). Under the revised provisions referred to above, the first nominal species to be referred to the genus *Segestria* by a subsequent author becomes the type species of that genus, if only one such species is so referred, while if two or more nominal species are thus referred to the nominal genus *Segestria*, those species alone are to be treated as having been originally included species and therefore as the only species eligible for selection as the type species of the genus by a subsequent author.
6. Walckenaer in 1805 was the first author after Latreille, 1804, to deal with the genus *Segestria*, for which he gave a brief description under the heading “Les Tubicoles (Tubulariae)” and cited two species as follows:—


(2) Seg. senoculée (*Seg. senoculata*). Fab., Linn., Walck., DeGeer, t. 7, p. 258, no. 18, pl. 15, fig. 5, 6, 7, 8. Lister, de Araneis, p. 74, t. 24, fig. 24.

7. Under a decision taken by the Thirteenth International Congress of Zoology in 1948 a nominal species cited in a specific synonymy at the time when a new nominal genus is established (through the publication of a new generic name) is to be treated as having been an originally included species and is therefore eligible for selection as the type species of the genus concerned. Accordingly the nominal species referred to by Walckenaer as “*ar. florentina*” i.e. *Aranea florentina* Rossi, 1790 (*Fauna etrusc. 2 : 133*) is eligible for selection as the type species of *Segestria* Latreille, 1804, through having been cited (in a specific synonymy) by Walckenaer (1805), the first author subsequent to Latreille (1804) to refer to the generic name *Segestria*. It should be noted also that in this particular case the two nominal species concerned (*Aranea florentina* Rossi, 1790, and *Aranea perfida* Walckenaer, 1802 (*Faune par., 2 : 223*)) were not only subjectively identified with one another by Walckenaer in 1805 (see paragraph 6 above) but are, in fact, objectively identical with one another, for, when in 1802 Walckenaer first published the name *Aranea perfida*, he expressly cited the name *Aranea florentina* Rossi as a synonym. The name so published by Walckenaer was thus no more than a *nom. nov.* for that previously published by Rossi, of which it is therefore an objective junior (and therefore invalid) synonym.

8. The first author to select a type species for the genus *Segestria* was Latreille himself who in 1810 (*Consid. gén. Anim. Crust. Arach. Ins.: 121, 424*) selected “*Aranea florentina* Ross.” That selection is perfectly valid, for the reasons explained in paragraph 7 above.

9. In the light of the foregoing review of the present case, we see that the name *Segestria* Walckenaer, 1805, placed on the Official List under Opinion 104, is an invalid homonym of an older name consisting of the same word (*Segestria*), i.e. *Segestria* Latreille, 1804, which applies to a nominal genus having as its type species the same species (*Aranea florentina* Rossi, 1790) as that cited by the International Commission as the type species of the later nominal genus *Segestria* Walckenaer, 1805. Accordingly, the error committed in Opinion 104 can easily be remedied by substituting on the Official List the valid
name *Segestria* Latreille, 1804, for the invalid name *Segestria* Walckenaer, 1805. This, therefore, is what is now proposed should be done. It is further proposed that the present opportunity should be taken to make such entries on the *Official List of Specific Trivial Names in Zoology* and on the two *Official Indexes* of rejected and invalid names as are required in order to comply with the decisions taken by the International Congress of Zoology, when establishing that *Official List* and those *Official Indexes*.

10. The specific action which it is now recommended that the International Commission on Zoological Nomenclature should take to remedy the error disclosed in *Opinion* 104 is that it should:

(1) delete from the *Official List of Generic Names in Zoology* the entry relating to the name *Segestria* Walckenaer, 1805, erroneously made under *Opinion* 104 (which should be deemed to have been corrected accordingly) and in its place to insert the following corrected entry:

*Segestria* Latreille, 1804 (type species, by subsequent selection by Latreille (1810) : *Aranea florentina* Rossi, 1790) ;

(2) place the generic name *Segestria* Walckenaer, 1805 (a junior homonym of *Segestria* Latreille, 1804) on the *Official Index of Rejected and Invalid Generic Names in Zoology* ;

(3) place the trivial name *florentina* Rossi, 1790, as published in the binominal combination *Aranea florentina* (trivial name of type species of *Segestria* Latreille, 1804) on the *Official List of Specific Trivial Names in Zoology* ;

(4) place the trivial name *perfida* Walckenaer, 1802, as published in the binominal combination *Aranea perfida* (trivial name of an objective junior synonym of *Aranea florentina* Rossi, 1790) on the *Official Index of Rejected and Invalid Specific Trivial Names in Zoology*.

II.—THE SUBSEQUENT HISTORY OF THE CASE

2. Registration of the present application: Upon the receipt of Mr. Hemming’s application, the question whether a revision should be made in the entry on the *Official List of Generic Names in Zoology* relating to the generic name *Segestria* Walckenaer, 1805, was allotted the Registered Number Z.N.(S.) 568.
3. **Publication of the present application**: The present application was sent to the printer on 30th January 1952 and was published in the *Bulletin of Zoological Nomenclature* on 22nd May of that year (Hemming, 1952, *Bull. zool. Nomencl.* 6: 198—200).

4. **No objection received**: The publication of the present application elicited no objection to the action proposed to be taken in the present case.

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

5. **Issue of Voting Paper V.P.(54)27**: On 17th March 1954, a Voting Paper (V.P.(54)27) was issued in which the Members of the Commission were invited to vote either for, or against, "the proposal relating to the name Segestria Walckenaer, 1805, as set out in paragraph 10 on page 200 of volume 6 of the *Bulletin of Zoological Nomenclature*" [i.e. in paragraph 10 of the application reproduced in the first paragraph of the present Direction].

6. **The prescribed Voting Period for Voting Paper V.P.(54)27**: As the foregoing Voting Paper was issued under the Three-Month Rule, the Prescribed Voting Period closed on 17th June 1954.

7. **Particulars of the Voting on Voting Paper V.P.(54)27**: The state of the voting on Voting Paper V.P.(54)27 at the close of the Prescribed Voting Period was as follows:—

(a) **Affirmative Votes had been given by the following nineteen (19) Commissioners (arranged in the order in which Votes were received)**:

Riley; Sylvester-Bradley; Holthuis; Hering; Boschma; Lemche; Dymond; do Amaral; Vokes; Bonnet; Esaki; Mertens; Hemming; Jaczewski; Bradley (J.C.); Hankó; Pearson; Stoll; Cabrera;
(b) Negative Votes:
None;

(c) Voting Papers not returned:
None.

8. Declaration of Result of Vote on Voting Paper V.P.(54)27:
On 18th June 1954, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(54)27, signed a Certificate that the Votes cast were as set out in paragraph 7 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.

9. Family-Group-Name Problem involved in the present case:
In the period following the adoption of the proposals submitted with Voting Paper V.P.(54)27, Mr. Hemming, as Secretary, conferred with Dr. G. O. Evans (British Museum (Natural History), London) on the question of the family-group-name problem involved in the present case and on 29th April 1955 he submitted the following paper to the Commission on this subject:

Proposed addition to the "Official List of Family-Group Names in Zoology" of the family-group name based upon the generic name "Segestria" Latreille, 1804 (Class Arachnida)

By FRANCIS HEMMING, C.M.G., C.B.E.,
Secretary to the International Commission on Zoological Nomenclature

By its vote in June 1954 on Voting Paper V.P.(54)27 the Commission substituted the generic name Segestria Latreille, 1804, for Segestria Walckenaer, 1805, the later homonym bestowed upon the same genus which by some inadvertence had been placed on the Official List of Generic Names in Zoology by the Ruling given in Opinion 104 (published in 1928).

2. At the time of the submission of the proposal on which the foregoing decision was based, it was not possible to deal with the family-
group-name aspect of the problem involved. This has since been investigated in consultation with Dr. G. O. Evans, the specialist in charge of the Arachnida Collections at the British Museum (Natural History). It is desirable that a decision should now be taken by the Commission on this matter, for this will make it possible to include that decision in the Direction shortly to be prepared embodying the decision taken last year to correct the entry on the Official List of Generic Names regarding the authorship and date of the generic name Segestria.

3. It appears that there is a well-established family-group taxon based upon the name Segestria. The following recommendation is accordingly submitted to the Commission for consideration, namely that it should:

(1) place the under-mentioned name on the Official List of Family-Group Names in Zoology: — SEGESTRIINAE Simon (E.), 1893, Hist. nat. Araign. (ed. 2) 1(2) : 310, 319 (type genus: Segestria Latreille, 1804);

(2) place the under-mentioned name on the Official Index of Rejected and Invalid Family-Group Names in Zoology: SEGESTRIENS Simon (E.), 1864, Hist. nat. Araign. (ed. 1) : 98 (type genus: Segestria Latreille, 1804) (invalid because a vernacular (French) word).

10. Issue of Voting Paper V.P.(O.M.)(55)18: On 29th April 1955, a Voting Paper (V.P.(O.M.)(55)18) was issued in which each Member of the Commission was asked (1) to state whether he agreed “ that, in conformity with the General Directive relating to the recording on the Official List and Official Index of decisions in regard to family-group names issued to the International Commission by the Fourteenth International Congress of Zoology, Copenhagen, 1953, the entries recording such decisions taken in relation to the family-group name SEGESTRIINAE and associated names in paragraph 3 of the statement bearing the number Z.N.(S.) 568 submitted by the Secretary simultaneously with the present Voting Paper [i.e. in the Supplementary Application reproduced in paragraph 9 of the present Direction], should be made, as proposed, in the Official List and Official Index of Family-Group Names”, and (2), if he did not so agree as regards any given item, to indicate that item.

1 Professor Pierre Bonnet has drawn attention to the fact that the first volume of the Second Edition of Simon’s Histoire naturelle des Araignées was published in two parts, of which the first appeared in 1892 and the second in 1893.
11. The Prescribed Voting Period for Voting Paper V.P.(O.M.) (55)18: As the foregoing Voting Paper was issued under the One-Month Rule, the Prescribed Voting Period closed on 29th May 1955.

12. Particulars of the Voting on Voting Paper V.P.(O.M.) (55)18:
At the close of the Prescribed Voting Period, the state of the voting on Voting Paper V.P.(O.M.) (55)18 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):

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

(b) Negative Votes:
None;

(c) Voting Papers not returned:
None;

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2 Dr. Joseph Pearson who participated in the vote taken on Voting Paper V.P.(54)27 had retired from the Membership of the Commission by the time of the issue of Voting Paper V.P.(O.M.) (55)18. In the meanwhile the following seven zoologists had been elected to the membership of the Commission:

Dr. K. H. L. Key (Commonwealth Scientific and Industrial Research Organisation, Canberra, A.C.T., Australia)

Dr. Alden H. Miller (Museum of Vertebrate Zoology, University of California, Berkeley, California, U.S.A.)

Doc. Dr. Ferdinand Prantl (Národní Museum v Praze, Prague, Czechoslovakia)

Professor Dr. Wilhelm Kühnelt (Zoologisches Institut der Universität, Vienna, Austria)

Professor F. S. Bodenheimer (The Hebrew University, Jerusalem, Israel)

Professor Ernst Mayr (Museum of Comparative Zoology at Harvard College, Cambridge, Massachusetts, U.S.A.)

Professor Enrico Tortonese (Istituto e Museo di Zoologia della Università de Torino, Torino, Italy)
13. Declaration of Result of Vote on Voting Paper V.P.(O.M.) (55)18: On 29th May 1955, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(O.M.)(55)18, signed a Certificate that the Votes cast were as set out in paragraph 12 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.

14. Gender to be attributed to the generic name "Segestria" Latreille, 1804: On 15th June 1955, Mr. Hemming, as Secretary, placed the following Minute on the Commission’s File Z.N.(S.) 568:—

Gender to be attributed to the generic name  
"Segestria" Latreille, 1804

By FRANCIS HEMMING, C.M.G., C.B.E.,
Secretary to the International Commission on Zoological Nomenclature

The object of the application submitted in the present case was to secure from the International Commission a decision substituting the name Segestria Latreille, 1804, for the invalid name Segestria Walckenaer, 1805 on the Official List of Generic Names in Zoology. It was realised that at some later stage it would be necessary for the Commission to attribute a gender to the foregoing generic name in compliance with the General Directive given to it by the International Congress of Zoology that a gender should be attributed to every generic name placed on the Official List prior to 1948. It was considered, however, that this could more conveniently be done at the time when a gender was attributed by the Commission to the other generic names placed on the Official List by the Ruling given in Opinion 104. This matter will therefore be dealt with in the Direction to be issued by the Commission in regard to the foregoing matter.

15. Preparation of the Ruling given in the present "Direction": On 15th June 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.(54)27, as supplemented by the Vote on Voting Paper V.P.(O.M.)(55)18.
16. 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:

florentina, Aranea, Rossi, 1790, Fauna etrusc. 2 : 133
perfida, Aranea, Walckenaer, 1802, Faune. paris. 2 : 223
Segestria Latreille, 1804, Nouv. Dict. Hist. nat. 24 (Tab. méth.) : 134
Segestria Walckenaer, 1805, Tab. Aran. : 148

17. The following are the original references for the family-group names placed on the Official List and Official Index of names of that category by the Ruling given in the present Direction:

SEGESTRIENS Simon (E.), 1864, Hist. nat. Araign. (ed. 1) : 98
SEGESTRINAE Simon (E.), 1893, Hist. nat. Araign. (ed. 2) 1 (2) : 310, 319


19. At the time of the submission of the application dealt with in the present Direction, the expression prescribed for the second portion of the binomen which constitutes the scientific name of a species was the expression “trivial name” and the Official List reserved for recording such names was styled the Official List of Specific Trivial Names in Zoology, the word “trivial” appearing also in the title of the Official Index reserved for recording rejected and invalid names of this category. Under a decision taken by the Fourteenth International Congress of Zoology, Copenhagen, 1953, the expression “specific name” was substituted for the expression “trivial name” and corresponding changes were made in the titles of the Official List and Official Index of such names (1953, Copenhagen Decisions zool. Nomencl. : 21). The changes

8 By the Ruling given in the present Direction the name Segestria Walckenaer, 1805, was, first, deleted from the Official List of Generic Names in Zoology and, second, placed on the Official Index of Rejected and Invalid Generic Names in Zoology.
in terminology so adopted have been incorporated in the Ruling given in the present Direction.

20. 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.

21. The present Direction shall be known as Direction Twenty-Nine (29) of the International Commission on Zoological Nomenclature.

DONE in London, this Fifteenth day of June, Nineteen Hundred and Fifty-Five.

Secretary to the International Commission
on Zoological Nomenclature

FRANCIS HEMMING

Note to subscribers
For an explanation of the reason why in the present volume Direction 29 follows immediately after Direction 26 see the note inserted at the foot of page 272.

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