OPINION 699

GRYLLUS CAMPESTRIS LINNAEUS, 1758 (INSECTA, ORTHOPTERA):
DESIGNATION OF A NEOTYPE UNDER THE PLENARY POWERS

RULING.—Under the plenary powers the nominal species Gryllus camp-ipestris Linnaeus, 1758, is to be interpreted by reference to the neotype designated by D. K. McE. Kevan, 1962.

HISTORY OF THE CASE (Z.N.(S.) 1485)

The present case was first submitted to the office of the Commission by Dr. D. K. McE. Kevan in June 1961. An amended version of Dr. Kevan’s application was sent to the printer on 20 October 1961 and was published on 28 May 1962 in Bull. zool. Nomencl. 19 : 170–172. Public Notice of the possible use of the plenary powers in the present case was given in the same part of the Bulletin as well as to the other prescribed serial publications (Bull. zool. Nomencl. 4 : 51–56) and to seven entomological serials. The application was supported by Dr. D. R. Ragge.

DECISION OF THE COMMISSION

On 13 May 1963 the Members of the Commission were invited to vote under the Three-Month Rule on Voting Paper (63)20 either for or against the proposal set out in Bull. zool. Nomencl. 19 : 171. At the close of the prescribed voting period on 13 August 1963 the state of the voting was as follows:

Affirmative votes—twenty-two (22), received in the following order: China, Boschma, Vokes, Stoll, Hering, Bonnet, do Amaral, Mayr, Alvarado, Obruchev, Lemche, Riley, Binder, Borchsenius, Jaczewski, Uchida, Tortonese, Miller, Evans, Kühnelt, Brinck, Mertens.

Negative votes—one (1): Holthuis.

On Leave of Absence—three (3): Bradley, Key, Prantl.

Voting Papers not returned—one (1): Munroe.

Commissioner Hemming returned a late affirmative vote. The following comments were made by Commissioners in returning their votes:

Dr. L. B. Holthuis (20.v.63). If the specimens figured by Frisch and Roesel on the plates to which Linnaeus (1758) in the original description of Gryllus campestris refers, are what is generally considered to be the true Gryllus campestris, one of them could be selected the lectotype of Linnaeus’ species. In this way the identity of the species can be fixed in the currently adopted sense without interference by the Commission.

Professor E. Mayr (4.vi.63). The application is misleading. Linnaeus had no type concept, as proven by H. Svenson, Ramsbottom and Arthur Cain. The specimens in the Linnaean collection are not types in the modern sense. The references to Frisch and Roesel carry an equal amount of weight as the specimens in the collection. Actually this is a name based on composite material and should be handled by restriction by a first reviser.
Dr. H. Lemche (24.vi.63). The proposal is accepted though I cannot follow the applicant in his reasoning. The Gryllus campestris Linnaeus was certainly a composite species, but there is no proof that all of Linnaeus' material is still present in London. Thus the female mentioned cannot be regarded as a holotype. Still, however, a neotype selection is needed to secure stability.

REFERENCES

The specific name Gryllus campestris was placed on the Official List of Specific Names in Zoology with the Name Number 1283 by the Ruling given in Direction 64. The following is the original reference for the designation of a neotype for that species:


CERTIFICATE

I certify that the votes cast on Voting Paper (63)20 were cast as set out above, that the proposal contained in that Voting Paper has been duly adopted under the plenary powers, and that the decision so taken, being the decision of the International Commission, is truly recorded in the present Opinion No. 699.

W. E. CHINA
Acting Secretary
International Commission on Zoological Nomenclature
London
10 October 1963

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