OPINION 1290

LEPTINOTARSA CHEVROLAT, 1837 (INSECTA, COLEOPTERA); CONSERVED

RULING. — (1) Under the plenary powers:
   (a) the generic name Polygramma Chevrolat, 1837, is hereby suppressed for the purposes of the Principle of Priority but not for those of the Principle of Homonymy;
   (b) all designations of type species for the nominal genus Leptinotarsa Chevrolat, 1837, prior to the designation by Motschulsky, 1860, of Leptinotarsa heydenii Stål, 1858 as type species of that genus are hereby set aside.

   (2) The generic name Leptinotarsa Chevrolat, 1837 (gender: feminine), type species, by subsequent designation by Motschulsky, 1860, as ratified under the plenary powers in (1)(b) above, Leptinotarsa heydenii Stål, 1858, is hereby placed on the Official List of Generic Names in Zoology with the Name Number 2229.

   (3) The specific name heydenii Stål, 1858, as published in the binomen Leptinotarsa heydenii (specific name of type species of Leptinotarsa Chevrolat, 1837) is hereby placed on the Official List of Specific Names in Zoology with the Name Number 2918.

   (4) The generic name Polygramma Chevrolat, 1837, as suppressed under the plenary powers in (1)(a) above, is hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology with the Name Number 2147.

HISTORY OF THE CASE Z.N.(S.)2048

An application for the conservation of Leptinotarsa Chevrolat, 1837 was first received from Dr Richard E. White (Systematic Entomology Laboratory USDA, c/o U.S. National Museum, Washington D.C.) and Dr Richard L. Jacques, Jr. (Fairleigh Dickinson University, Rutherford, New Jersey) on 7 June 1973. It was sent to the printer on 24 October 1973 and published on 20 September 1974 in Bull. zool. Nom. vol. 31, pp. 144-145. Public notice of the possible use of the plenary powers was given in the same part of the Bulletin as well as to the statutory serials, to seven general and seven entomological serials. No comment was received.

FIRST VOTE OF THE COMMISSION

On 7 April 1978 the members of the Commission were invited to vote under the Three-Month Rule on Voting Paper (1978)4 for or against the proposals set out in Bull. zool. Nom. vol. 31, p. 145. Although at the close of the voting period on 7 July 1978 there were 21 affirmative votes and
no negative votes, no Opinion was published because of a point raised by Dr L. B. Holthuis. He pointed out that the acceptance by the applicants of Chevrolat’s citation of ‘juncta Germar’ under Polygramma as an available name logically entailed also the acceptance of the citations of ‘alternata Klug’ under Polygramma and of ‘cinctipennis Chev.’ under Leptinotarsa as available names also. Chrysomela juncta Germar, 1834, is a chrysomelid of the same subfamily as Polygramma; ‘alternata Klug’ must be taken to be Agra alternata Klug, 1834, *Jahrb. Insektenk.* vol. 1, p. 60, a ground beetle; and ‘cinctipennis Chev.’ as *Altica cinctipennis* Chevrolat, 1834, *Coleopt. Mex.* (3), no. 86, a species placed in a different subfamily from Leptinotarsa. In spite of the unlikelihood of coleopterists of the quality of Dejean and Chevrolat making such taxonomic allocations, the acceptance of those logical conclusions radically alters the presentation of the case. V.P.(78)4 was accordingly cancelled.

**REPUBLICATION OF THE CASE**

Dr White accordingly prepared a fresh application which was received on 28 November 1979. A slightly revised form of this was sent to the printer on 23 January 1980 and published on 19 June 1980 in *Bull. zool. Nom.* vol. 37, pp. 119–120. Public notice of the possible use of the plenary powers in the case was again given in the same part of the Bulletin as well as to the statutory serials, to seven general serials and seven entomological serials. No comment was received.

**DECISION OF THE COMMISSION**

On 12 March 1984 the members of the Commission were invited to vote under the Three-Month Rule on Voting Paper (1984)15 for or against the proposals set out in *Bull. zool. Nom.* vol. 37, p. 120. At the close of the voting period on 12 June 1984 the state of the voting was as follows:

**Affirmative Votes** — twenty-three, received in the following order: Melville, Savage, Cocks, Willink, Schuster, Halvorsen, Trjapitzin, Starobogatov, Holthuis, Brinck, Mroczkowski, Binder, Hahn, Corliss, Alvarado, Bayer, Uéno, Cogger, Kraus, Ride, Heppell, Lehtinen, Dupuis

**Negative Votes** — none (0).

No votes were returned by Bernardi and Sabrosky.

Dupuis commented: ‘Je pense, néanmoins, qu’il aurait fallu simultanément prendre des dispositions pour conserver *Leptinotarsa decemlineata* [the scientific name of the Colorado Potato Beetle] au cas où l’on découvrirait que *decemlineata* et *heydenii* ne peuvent demeurer congénères.’
ORIGINAL REFERENCES

The following are the original references for the names placed on Official Lists and an Official Index by the ruling given in the present Opinion:


*Leptinotarsa* Chevrolat, 1837, in Dejean, *Cat. Coleopt.* vol. 5, p. 397

*Polygramma* Chevrolat, 1837, in Dejean, *Cat. Coleopt.* vol. 5, p. 397.

The following is the original reference to a type-species designation ratified by the ruling given in the present Opinion: of *Leptinotarsa heydenii* Stål, 1858, as type species of *Leptinotarsa* Chevrolat, 1837, by Motschulsky, 1860, in Schrenk, *Reisen Forsch. Amurländе*, vol. 2(2), p. 182.

CERTIFICATE

I hereby certify that the votes cast on V.P.(84)15 were cast as set out above, that the proposal contained in that voting paper has been duly accepted under the plenary powers, and that the decision so taken, being the decision of the International Commission on Zoological Nomenclature, is truly recorded in the present Opinion 1290.

R. V. MELVILLE

Secretary

*International Commission on Zoological Nomenclature*

*London*

12 July 1984

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