

OPINION 2298 (Case 3519)***Eumolpus* Weber, 1801, *Chrysochus* Chevrolat in Dejean, 1836 and *Bromius* Chevrolat in Dejean, 1836 (Insecta, Coleoptera, CHRYSOMELIDAE): usage conserved**

Abstract. The Commission has conserved the usage of the generic names *Eumolpus* Weber, 1801, *Chrysochus* Chevrolat in Dejean, 1836 and *Bromius* Chevrolat in Dejean, 1836 by suppressing the name *Eumolpus* Illiger, 1798.

Keywords. Nomenclature; taxonomy; CHRYSOMELIDAE; EUMOLPINAE; *Eumolpus*; *Chrysochus*; *Bromius*; *Eumolpus ignitus*; *Bromius obscurus*; *Chrysomela praetiosa*; *Chrysochus asclepiadea*; leaf beetle.

Ruling

- (1) Under the plenary power:
 - (a) the name *Eumolpus* Illiger, 1798 and all uses of the name prior to that by Weber (1801) are suppressed for the purposes of both the Principle of Priority and the Principle of Homonymy;
 - (b) all type species fixations for the genus *Eumolpus* Weber, 1801 prior to that of *Chrysomela ignita* Fabricius, 1787 by Hope (1840) are set aside.
- (2) The following names are hereby placed on the Official List of Generic Names in Zoology:
 - (a) *Eumolpus* Weber, 1801 (gender: masculine), type species *Chrysomela ignita* Fabricius, 1787 by subsequent designation by Hope (1840), as ruled in (1)(b) above (Insecta, Coleoptera);
 - (b) *Chrysochus* Chevrolat in Dejean, 1836 (gender: masculine), type species *Chrysomela praetiosa* Fabricius, 1792 (a junior synonym of *Chrysomela asclepiadea* Pallas, 1773) by subsequent designation by Jacoby (1908) (Insecta, Coleoptera);
 - (c) *Bromius* Chevrolat in Dejean, 1836 (gender: masculine), type species *Chrysomela obscura* Linnaeus, 1758 by subsequent designation by Monros & Bechyné (1956) (Insecta, Coleoptera).
- (3) The following names are hereby placed on the Official List of Specific Names in Zoology:
 - (a) *ignita* Fabricius, 1787, as published in the binomen *Chrysomela ignita* (specific name of the type species of *Eumolpus* Weber, 1801, as ruled in (1)(b) above) (Insecta, Coleoptera);
 - (b) *asclepiadea* Pallas, 1773, as published in the binomen *Chrysomela asclepiadea* (the valid specific name of the type species of *Chrysochus* Chevrolat in Dejean, 1836) (Insecta, Coleoptera);
 - (c) *obscura* Linnaeus, 1758, as published in the binomen *Chrysomela obscura* (specific name of the type species of *Bromius* Chevrolat in Dejean, 1836) (Insecta, Coleoptera).

- (4) The name *Eumolpus* Illiger, 1798 is hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology.

History of Case 3519

An application to conserve the usage of the generic names *Eumolpus* Weber, 1801, *Chrysochus* Chevrolat in Dejean, 1836 and *Bromius* Chevrolat in Dejean, 1836 by suppressing the name *Eumolpus* Kugelann in Illiger, 1798, was received from A.G. Moseyko (*Zoological Institute of Russian Academy of Sciences, St. Petersburg, Russia*), E. Sprecher-Uebersax (*Naturhistorisches Museum, Basel, Switzerland*) and I. Löbl (*Muséum d'histoire naturelle, Geneva, Switzerland*) on 3 March 2010. After correspondence the case was published in BZN 67: 218–224 (2010). The title, abstract and keywords of the case were published on the Commission's website. Case 3519 was originally sent for vote on 1 September 2011; the voting paper was cancelled following a request from a Commissioner, seconded by several other Commissioners, and the proposals modified to include in particular the following:

- the name *Eumolpus* Illiger requested to be suppressed for both the Principle of Priority and the Principle of Homonymy;
- the authorship 'Kugelann in Illiger, 1798' changed to 'Illiger, 1798';
- *asclepiadeus* Pallas, 1773 changed to *asclepiadea* Pallas, 1773.

No comments were received on this case.

Decision of the Commission

On 1 December 2011 the members of the Commission were invited to vote on the proposals modified from those published in BZN 67: 220–221. At the close of the voting period on 1 March 2012 the votes were as follows:

Affirmative votes – 18: Ballerio, Brothers, Fautin, Grygier, Halliday, Harvey, Kojima, Krell, Lim, Minelli, Pape, Papp, Patterson, Štys, van Tol, Winston, Yanega and Zhou.

Negative votes – 4: Alonso-Zarazaga, Bogutskaya, Kullander and Rosenberg.

Bouchet split his vote FOR: 1b, 2b, 2c, 3 and AGAINST 1a, 2a, 4. Zhang abstained.

Kottelat, Ng and Pyle were on leave of absence. No vote was received from Lamas.

Voting FOR, Grygier said he is not fully satisfied with the a priori acceptance in proposals (1)(a), (2)(b), and (3)(a) of the type species fixation for *Eumolpus* Weber by Hope (1840) under Article 67.7, as this fixation is explained in para. 5 of the Case. *Eumolpus* Weber, 1801 was not an available name in 1840, merely a later usage of Illiger's *Eumolpus*, and still now (at the time of voting) it is not an available name. It will not become available, and thus eligible to be the type species, until the Commission approves proposal (1)(a); Article 67.7 thus also cannot come into play until this proposal is approved, although it will then do so automatically. Grygier pointed out that if these proposals pass, the type species status of *Chrysomela ignita*, as it will come to be stated in the Official Lists, will indeed be correct, but only by ex post facto application of Article 67.7, not a priori. Grygier said that to make things perfectly clear, the Commission should have been asked to use its specific powers under Article 78.2.3 to confirm the type fixation explicitly as part of the package. Voting FOR, van Tol explained that his vote was only for the modified form of the

text. Also voting FOR, Yanega explained that while there were deficiencies in the application, as noted by other Commissioners, and while there was an alternative solution possible, the actions suggested in the application would resolve the issue in such a way as to maintain stability, even if not in the most elegant or desirable manner. He was more concerned with the end result being stable and timely than with its being closest to the ideal solution, and requiring a few more years to implement.

Bouchet SPLIT his vote, with the explanation that overall he voted FOR in order to not obstruct the result of the vote. However, he said he failed to see what was gained by attributing *Eumolpus* to Weber, 1801, rather than to its original author Illiger, 1798, with *Chrysomela ignita* Fabricius, 1787, fixed as type species under the plenary power.

Voting AGAINST, Rosenberg said there was no need to artificially erect the name *Eumolpus* Weber, 1801 which was merely a misidentification of *Eumolpus* Illiger, 1798. It would be preferable to set aside all previous fixations of type species for *Eumolpus* Illiger, 1798 and designate *Chrysomela ignita* Fabricius, 1787 as its type species.

Original references

The following are the original references to the names placed on Official Lists and Indexes by the ruling given in the present Opinion:

asclepiadea, *Chrysomela*, Pallas, 1773, *Reise durch verschiedene Provinzen des Russischen Reichs. Zweyter Theil. Zweytes Buch vom Jahr 1771*. Kayserliche Akademie der Wissenschaften, St. Petersburg, p. 725.

Bromius Chevrolat in Dejean, 1836, *Catalogue des coléoptères de la collection de M. le Comte Dejean*. Deuxième édition [1833–1836]. Livraison 5. Méquignon-Marvis Pères & Fils, Paris, p. 412.

Chrysochus Chevrolat in Dejean, 1836, *Catalogue des coléoptères de la collection de M. le Comte Dejean*. Deuxième édition [1833–1836]. Livraison 5. Méquignon-Marvis Pères & Fils, Paris, p. 413.

Eumolpus Illiger, 1798, *Verzeichniss der Käfer Preussens*. Johann Jacob Gebauer, Halle, p. 498.

Eumolpus Weber, 1801, *Observationes entomologicae, continentes novorum quae condidit generum characteres, et nuper detectarum specierum descriptions*, Impensis Bibliopolii Academici Novi, Kiliae, p. 28.

ignita, *Chrysomela*, Fabricius, 1787, *Mantissa Insectorum, sistens eorum species nuper detectas: adjectis characteribus genericis, differentiis specificis, emendationibus, observationibus*, vol. 1. xx, Christ. Gottl. Proft., Hafniae, p. 68.

obscura, *Chrysomela*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1. Salvii, Holmiae, p. 375.