

OPINION 2076 (Case 3193)***Chrysodema* Laporte & Gory, 1835 and *Iridotaenia* Deyrolle, 1864 (Insecta, Coleoptera): usage conserved by the designation of *C. sonnerati* Laporte & Gory, 1835 as the type species of *Chrysodema***

Abstract. The Commission has ruled that the accustomed usage of the buprestid (jewel beetle) generic names *Chrysodema* Laporte & Gory, 1835 and *Iridotaenia* Deyrolle, 1864 is conserved by the designation of *Chrysodema sonnerati* Laporte & Gory, 1835 as the type species of *Chrysodema*. Stability was threatened because *C. sumptuosa* Laporte & Gory, 1835 was the valid type species of both genera.

Keywords. Nomenclature; taxonomy; Coleoptera; BUPRESTIDAE; *Chrysodema*; *Iridotaenia*; *Chrysodema sonnerati*; *Chrysodema sumptuosa*; jewel beetles; Africa; Australasia; eastern Palaearctic; Oriental region.

Ruling

- (1) Under the plenary power all previous fixations of type species for the nominal genus *Chrysodema* Laporte & Gory, 1835 are hereby set aside and *Chrysodema sonnerati* Laporte & Gory, 1835 is designated as the type species.
- (2) The following names are hereby placed on the Official List of Generic Names in Zoology:
 - (a) *Chrysodema* Laporte & Gory, 1835 (gender: feminine), type species by designation in (1) above *Chrysodema sonnerati* Laporte & Gory, 1835;
 - (b) *Iridotaenia* Deyrolle, 1864 (gender: feminine), type species by subsequent designation by Kurosawa (1982) *Chrysodema sumptuosa* Laporte & Gory, 1835.
- (3) The following names are hereby placed on the Official List of Specific Names in Zoology:
 - (a) *sonnerati* Laporte & Gory, 1835, as published in the binomen *Chrysodema sonnerati* (specific name of the type species of *Chrysodema* Laporte & Gory, 1835);
 - (b) *sumptuosa* Laporte & Gory, 1835, as published in the binomen *Chrysodema sumptuosa* (specific name of the type species of *Iridotaenia* Deyrolle, 1864).

History of Case 3193

An application to conserve the usage of the buprestid (jewel beetle) generic names *Chrysodema* Laporte & Gory, 1835 and *Iridotaenia* Deyrolle, 1864 by the designation of *Chrysodema sonnerati* Laporte & Gory, 1835 as the type species of *Chrysodema* was received from C.L. Bellamy (*Plant Pest Diagnostic Lab, California Department of Food & Agriculture, Sacramento, California, U.S.A.*) on 8 February 2001. After correspondence the case was published in BZN 59: 185–187 (September 2002). The title, abstract and keywords of the case were published on the Commission's website. Comments in support of this application were published in BZN 59: 281 and 60: 53.

Decision of the Commission

On 1 December 2003 the members of the Commission were invited to vote on the proposals published in BZN 59: 186. At the close of the voting period on 1 March 2004 the votes were as follows: 23 Commissioners voted FOR the proposals, no Commissioners voted AGAINST, Calder and Ng were on leave of absence.

Original references

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

Chrysodema Laporte & Gory, 1835, *Histoire naturelle et iconographie des insectes coléoptères*, vol. 1, p. 1.

Iridotaenia Deyrolle, 1864, *Annales de la Société Entomologique de Belgique*, 8: 25.

sonnerati, *Chrysodema*, Laporte & Gory, 1835, *Histoire naturelle et iconographie des insectes coléoptères*, vol. 1, p. 3.

sumptuosa, *Chrysodema*, Laporte & Gory, 1835, *Histoire naturelle et iconographie des insectes coléoptères*, vol. 1, p. 2.

The following is the reference for the designation of *Chrysodema sumptuosa* Laporte & Gory, 1835 as the type species of the nominal genus *Iridotaenia* Deyrolle, 1864:

Kurosawa, Y. 1982. *Bulletin of the National Science Museum Tokyo (Zoology)*, (A)8(4): 188.