

OPINION 2057 (Case 3028)***Aphanius* Nardo, 1827 (Osteichthyes, Cyprinodontiformes): conserved**

Abstract. The Commission has ruled that the name *Aphanius* Nardo, 1827 for a genus of Palaearctic fishes (family CYPRINODONTIDAE) is conserved by the suppression of the name *Lebias* Goldfuss, 1820 which, with a single exception in 1895, had remained unused since 1846 until resurrected by Lazara in 1995. Few authors have followed Lazara in his use of *Lebias* which does not refer to the same taxon as *Aphanius*.

Keywords. Nomenclature; taxonomy; CYPRINODONTIDAE; *Aphanius*; *Cyprinodon*; *Lebias*; *Aphanius fasciatus*; *Cyprinodon variegatus*; tooth carps; freshwater; brackish water; Palaearctic.

Ruling

- (1) Under the plenary power the name *Lebias* Goldfuss, 1820 is hereby suppressed for the purposes of the Principle of Priority but not for those of the Principle of Homonymy.
- (2) The name *Aphanius* Nardo, 1827 (gender: masculine), type species by subsequent designation by Jordan (1917) *Aphanius nanus* Nardo, 1827 (a junior subjective synonym of *Lebias fasciata* Valenciennes in Humboldt & Valenciennes, 1821), is hereby placed on the Official List of Generic Names in Zoology.
- (3) The name *fasciata* Valenciennes in Humboldt & Valenciennes, 1821, as published in the binomen *Lebias fasciata* (senior subjective synonym of the specific name of *Aphanius nanus* Nardo, 1827, the type species of *Aphanius* Nardo, 1827), is hereby placed on the Official List of Specific Names in Zoology.
- (4) The following names are hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology:
 - (a) *Lebias* Goldfuss, 1820 (suppressed in (1) above);
 - (b) *Lebia* Oken, 1817 (a junior homonym of *Lebia* Latreille, 1802).

History of Case 3028

An application to conserve the name *Aphanius* Nardo, 1827 for a genus of Palaearctic fishes (family CYPRINODONTIDAE) by the suppression of the name *Lebias* Goldfuss, 1820 was received from Maurice Kottelat (*Route de la Baroche 12, Cornol, Switzerland*) and Alwyne Wheeler (*Department of Zoology, The Natural History Museum, London, U.K.*) on 20 September 1996. After correspondence the case was published in BZN 58: 110–115 (June 2001). The title, abstract and keywords of the case were published on the Commission's website. Nine comments in support of this case were published in BZN 59: 133–134.

Decision of the Commission

On 1 March 2003 the members of the Commission were invited to vote on the proposals published in BZN 58: 113. At the close of the voting period on 1 June

2003 the votes were as follows: 23 Commissioners voted FOR the proposals, 1 Commissioner (Kerzhner) voted AGAINST, no vote was received from Böhme.

Original references

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

Aphanius Nardo, 1827. *Giornale di Fisica, Chimica, Storia naturale, Medicina ed Arti* (Pavia). Decade Seconde. **10**: 34, 39–40.

fasciata, *Lebias*, Valenciennes in Humboldt & Valenciennes, 1821, *Voyage aux régions équinoxiales du nouveau continent, fait en 1799, 1800, 1801, 1802, 1803 et 1804*, vol. 2, part 11, p. 160.

Lebia Oken, 1817, *Isis*, **1**: 1183.

Lebias Goldfuss, 1820, *Handbuch der Zoologie*, vol. 2, p. 16.