OCCASIONAL PAPERS OF THE MUSEUM OF ZOOLOGY

UNIVERSITY OF MICHIGAN

Ann Arbor, Michigan

University of Michigan Press

AUSTROPERCA, A NEW NAME TO REPLACE TORRENTARIA, FOR A GENUS OF MEXICAN FISHES

BY CARL L. HUBBS

In the course of other work on the Mexican fish fauna, it has been observed that a generic or subgeneric name based on a Mexican darter (family Percidae) is preoccupied. A new name is consequently proposed:

Austroperca, new genus

Orthotype, Diplesion fasciatus Girard.

DIAGNOSIS.—Like *Poecilichthys* (in broad sense), but anal fin with a single strong spine. Lateral line incomplete. Head, nape, and breast scaleless. Gill membranes moderately connected.

The name is proposed, because *Torrentaria* Jordan and Evermann (1896: 1066, 1068, and 1080) is preoccupied by *Torrentaria* (Hodgson, MS) Gray (1863: 34), a name which appears to have been availably proposed for a genus of birds (see Richmond, 1917: 627). Gray merely listed:

180. Ruticilla leucocephala, Cat. Hodgs. Coll.

В.М. р. 68.

Torrentaria leucocephala, Hodgs. MSS.

We regard the name *Torrentaria* as validly proposed for a bird in 1863, because it complies with Article 25 of the International Code of Zoological Nomenclature in that it was published and accompanied by an indication and in that the author applied binary nomenclature. The indication, following Opinion 1 of the International Commission, is valid because a bibliographic reference is given, to the first edition of the catalogue of the Hodgson collection, Gray and Gray (1843), where further references are listed. The fact that the reference is to the species concerned rather than the genus does not disqualify the name, since a parallel reference was accepted as valid in Opinion 17. The fact that Gray did not accept the manuscript name has no bearing on its validity (Opinion 4).

The darter group Torrentaria was proposed as a subgenus of Etheostoma, to include the Mexican species Etheostoma australe Jordan (1889: 362) and the Tennessee species Etheostoma sagitta Jordan and Swain. Jordan and Evermann indicated australe as the type species of Torrentaria, by the method of type-designation practiced by them for subgenera, namely listing australe in parenthesis following the first listing of the new subgeneric name Torrentaria, in the synonymy of the genus Etheostoma. This action invalidates the specification of sagitta as the type by Jordan, Evermann, and Clark (1930: 293), who elevated Torrentaria to generic rank.

Since there is no good reason to believe that the relationship between Etheostoma sagitta and Etheostoma australe is intimate, and since the status as well as the relationships of Etheostoma sagitta are uncertain, the new name Austroperca is proposed to include only the Mexican species, Austroperca australis = Etheostoma australe Jordan = Diplesion fasciatus Girard. Diplesion fasciatus was rendered a homonym of Catonotus fasciatus Girard when both species were later referred to the genus Etheostoma, and according to the strict interpretation of the International Code (Articles 35 and 36) may not now be resurrected even though the two species are again referred to different genera.

LITERATURE CITED

GRAY, JOHN EDWARD

1863 Catalogue of the specimens and drawings of mammals, birds, reptiles, and fishes of Nepal and Tibet, presented by B. H. Hodgson, Esq., to the British Museum. (2nd ed.) London: i-xii, 1-90.

GRAY, JOHN EDWARD AND G. R. GRAY

1843 Catalogue of the specimens and drawings of Mammalia and birds of Nepal and Thibet, presented by B. H. Hodgson, Esq., to the British Museum. London: i-xi, 1-156.

JORDAN, DAVID STARR

1889 Descriptions of fourteen new species of fresh-water fishes collected by the U. S. Fish Commission in the summer of 1888. Proc. U. S. Nat. Mus., 11, 1888: 351-362, Pls. 43-45.

JORDAN, DAVID STARR AND BARTON WARREN EVERMANN

1896 The fishes of North and Middle America, Part I. Bull. U. S. Nat. Mus., 47(1): i-lx, 1-1240.

Jordan, David Starr, Barton Warren Evermann, and Howard Walton Clark

1930 Check list of the fish and fishlike vertebrates of North and Middle America north of the northern boundary of Venezuela and Colombia. Rept. U. S. Comm. Fish., 1928(2): i-iv, 1-670.

RICHMOND, CHARLES W.

1917 Generic names applied to birds during the years 1906 to 1915, inclusive, with additions and corrections to Waterhouse's ''Index Generum Avium.'' Proc. U. S. Nat. Mus., 53: 565-636.