

A new replacement name for the antiarch *Taeniolepis* Gross, 1932 (Pisces: Placodermi)

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The generic name of the antiarch *Taeniolepis* Gross, 1932 (Placodermi) is replaced, as a junior homonym of *Taeniolepis* Trauttschold, 1874, with the new name *Walterilepis*.

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Gross (1932) erected the antiarch genus *Taeniolepis* from the Ogrsk Regional Stage (Upper Devonian, Frasnian) of Latvia with a single species *T. speciosa* Gross. The species is known only from nuchal and postpineal plates. Its nuchal plate is excluded from the orbital fenestra and bears no sensory-line groove, thereby resembling to some extent sinolepidoids and some asterolepidoids. The name was subsequently used by many authors (Gross, 1933; Obruchev, 1964; Denison, 1978; Zhu, 1996, etc.).

However, the generic name is preoccupied. Trauttschold (1874, p. 272) established *Taeniolepis*, a new genus of crossopterygian, from the Lower Tournaisian (Carboniferous) of the Tula Region (Russia), strated thought at that time to be Devonian in age, based upon a single imperfect scale. The scale (Trauttschold, 1874, Pl. 27, Fig. 17) is elongated, with concentric ridges composed of dentine, the space between them is occupied with radial crests. No new species was erected in his paper. Despite the fact that Trauttschold's generic name was not accompanied with a species name and was given as a preliminary one ("vorläufig"), it is available under the acting Code. It has not been included in nomenclators of generic names published subsequently.

Chabakov (1927) referred this scale to the osteolepiform genus *Rhizodopsis* Young, 1866. He erected a new species and named it *R. trauttscholdi* after the author of the genus. Lebedev (1996) analyzed new material of this species (about 30 isolated fragments of scales and teeth from deposits of the same age) and referred it to the rhizodopsian genus *Taeniolepis* Trauttschold, 1874, species *T. trauttscholdi* (Chabakov, 1927).

As the antiarch name *Taeniolepis* Gross, 1932 is preoccupied by the crossopterygian name *Taeniolepis* Trauttschold, 1874, the new replacement name *Walterilepis* nom. n. is proposed here to honour Walter Gross, a prominent paleoichthyologist and the author of the preoccupied generic name.

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