



***Gobduntaulepis*, a new generic name for *Acantholepis* Pianovskij, 1989 (Conodonta) non Krøyer, 1846 (Actinopterygii)**

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The fossil genus *Acantholepis* (type species *A. bispinatus* Pianovskij, 1989, by original designation) was established by Pianovskij (in Pianovskij, Pianovskaja & Aleksandrova, 1989: 69) for a presumable fossil conodont from the Ordovician of Southern Tien Shan (Gobduntau mountains, Nuratau ridge, Southern Tien Shan, Uzbekistan). However, several years earlier, the identical generic names *Acantholepis* Krøyer, 1846: 98 for a living fish in current use (Actinopterygii: Osmeriformes: Argentinidae), *Acantholepis* Mayr, 1861: 26 for a genus of living ants (Formicidae) and *Acantholepis* Newberry, 1875: 38 for a distinctive fossil fish genus, both latter replaced since then by new generic names, all preceded the recently published conodont generic name, which is therefore preoccupied, having three senior homonyms.

Since the fossil conodont genus is recognized taxonomically as a valid genus, not being merged into another one, and its name does not have any senior or junior synonym, that could be used as a substitute name, a *nomen novum*, *Gobduntaulepis* nom. nov. (type species *Acantholepis bispinatus* Pianovskij, 1989), is here proposed in accordance with the International Code of Zoological Nomenclature, as a new replacement name for *Acantholepis* Pianovskij, 1989.

Systematics

Phylum Chordata Hackel, 1874

Class Conodonta Eichenberg, 1930

Genus *Gobduntaulepis*, *nomen novum pro Acantholepis* Pianovskij in Pianovskij, Pianovskaja & Aleksandrova, 1989: 69.

Etymology. The name Gobduntau (G‘ubdintog‘ in Uzbek) is that of the mountains (39°55‘00” N, 67°15‘00” E) which are the type locality of the type species of this nominal genus.

Grammatical gender: masculine.

Type species. *Gobduntaulepis bispinatus* (Pianovskij in Pianovskij, Pianovskaja & Aleksandrova, 1989: 69) through original designation under *Acantholepis* Pianovskij in Pianovskij, Pianovskaja & Aleksandrova, 1989: 69.

Other species. *Gobduntaulepis dubius* (Pianovskij in Pianovskij, Pianovskaja & Aleksandrova, 1989: 69) comb. nov.; *Gobduntaulepis exolimbus* (Pianovskij in Pianovskij, Pianovskaja & Aleksandrova, 1989: 70) comb. nov.

Stratum typicum of the type species: Lower Ordovician (Dzhalatarian suite [lower part]) (i.e., Tremadoc-Arenig).

Geography. Kattasaj, Gobduntau mountains & Narvan saj basin, Northern Nuratau ridge, Southern Tien Shan, Uzbekistan.

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