


***Lilamna* nom. nov., a new replacement name for *Archaeolamna* Li, 1997 (Chondrichthyes: Lamniformes: ?Pseudoscapanorhynchidae)**

***Lilamna* nom. nov., новое замещающее название для *Archaeolamna* Li, 1997 (Chondrichthyes: Lamniformes: ?Pseudoscapanorhynchidae)**

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Abstract. The name of the lamniform shark genus *Archaeolamna* Li, 1997 is preoccupied by *Archaeolamna* Siverson, 1992. The new name *Lilamna* Greenfield, **nom. nov.** is proposed to replace the junior homonym, resulting in the new combination *Lilamna apophysata* (Li, 1997), **comb. nov.**

Резюме. Название рода ламнообразных акул *Archaeolamna* Li, 1997 преокупировано названием *Archaeolamna* Siverson, 1992. Новое название *Lilamna* Greenfield, **nom. nov.** предложено для замены младшего омонима, в результате чего устанавливается новая комбинация *Lilamna apophysata* (Li, 1997), **comb. nov.**

Key words: Chondrichthyes, Lamniformes, Pseudoscapanorhynchidae, *Lilamna*, nomen novum, combinatio nova

Ключевые слова: Chondrichthyes, Lamniformes, Pseudoscapanorhynchidae, *Lilamna*, новое замещающее название, новая комбинация

Zoobank Article LSID: urn:lsid:zoobank.org:pub:1903858A-9C9D-4A79-B003-B8C3ECAAF1CEF

Li (1997: 115) erected the genus *Archaeolamna* for a new species of lamniform shark, *Archaeolamna apophysata*. The holotype is a tooth (IVPP 8957) from the late Eocene Wulagen Formation of China. Li placed *Archaeolamna* in the family Lamnidae, while noting similarities to *Plicatolamna* Herman, 1977 (junior synonym of *Cretodus* Sokolov, 1965) and *Protolamna* Cappetta, 1980. Those two genera are now considered to belong to the family Pseudoscapanorhynchidae (Carrillo-Briceno et al., 2019; Shimada & Everhart, 2019). Li was unaware that Siverson (1992: 529) already named the genus *Archaeolamna* for another lamniform species, *Odontaspis kopin-*

gensis Davis, 1890. This genus is assigned to its own family, Archaeolamnidae (Underwood & Cumbaa, 2010; Cook et al., 2011).

Since *Archaeolamna* Li, 1997 is a junior homonym of *Archaeolamna* Siverson, 1992, it must be substituted according to Article 60 of the *Code* (ICZN, 1999). There are no junior synonyms available to replace it. Li was unable to be contacted to inform him of the homonymy. *Lilamna* **nom. nov.** is proposed here as a new replacement name, leading to the new combination *Lilamna apophysata* (Li, 1997). It is tentatively included in Pseudoscapanorhynchidae because of its resemblance to members of that family. If this referral

is correct, *Lilamna* could be the first pseudoscapanorhynchid known after the end-Cretaceous. However, it is also possible that the holotype was reworked from older sediments.

Order Lamniformes

Family ?Pseudoscapanorhynchidae

Genus *Lilamna* Greenfield, **nom. nov.**

Archaeolamna Li, 1997: 115, junior homonym of *Archaeolamna* Siverson, 1992: 529 (Lamniformes: Archaeolamnidae).

Type species: *Archaeolamna apophysata* Li, 1997: 115.

Etymology. *Li-*, in honor of the original describer Li Guoqing; *-lamna*, a common morpheme for lamniform genera that is derived from the Ancient Greek *lamia* (λάμια, a mythological bloodthirsty monster, as well as a kind of shark in Aristotle's *History of animals*). The grammatical gender is feminine.

Lilamna apophysata (Li, 1997), **comb. nov.**

Archaeolamna apophysata Li, 1997: 115.

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Received 25 September 2021 / Accepted 3 October 2021. Editorial responsibility: D.A. Gapon & B.A. Levin