



***Tetrafulgoria*, a new generic replacement name for fossil *Tetragonidium* Bode, 1953 (Insecta: Hemiptera: Fulgoridiidae) non Pascher, 1914 (Protista: Cryptomonada)**

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**Abstract**

A new name for the extinct planthopper genus—*Tetrafulgoria* **nom. nov.** is proposed to replace preoccupied name *Tetragonidium* Pascher, 1914 (Protista).

**Key words:** *Tetrafulgoria* **nom. nov.**, *Tetragonidium* Pascher, 1914, *Tetragonidium* Bode, 1953, Fulgoridiidae, new replacement name, homonymy

The genus *Tetragonidium* was established by Bode (1953: 194; type species: *Tetragonidium parallelogramma*, by original designation) for distinctive fossil insects of Lower Jurassic age (Upper Liasic) from Germany. However, the generic name *Tetragonidium* Pascher (1914: 160; type species *Tetragonidium verrucatum* Pascher, 1914; by monotypy), a living protist (Cryptomonada), preceded Bode's name which becomes a praeeoccupied homonym.

The cryptomonad *Tetragonidium* is well recognized and in active current use, serving as the type for an important protist (or algal) basal sister group to Cryptomonada, ranked from family Tetragonidiidae (Tetragonidiaceae) P. C. Silva (in *Regnum Veg.* 103: 49. 1980) to class Tetragonidea (Tetragonidiophyceae) Doweld or even a distinct phylum Tetragonidia (Tetragonidiophyta) Doweld (in *New Syllabus Pl. Fam.*: 176. 2005).

To resolve homonymy, in accordance with the International Code of Zoological Nomenclature, *Tetrafulgoria* **nom. nov.** here proposed as a replacement name for *Tetragonidium* Bode non Pascher. The use of the name *Tetragonidium* in respect to fossil insect is given according to the open nomenclature principles proposed by Matthews (1973) and Bengston (1988).

**Systematics**

**Order Hemiptera Linnaeus, 1758**

**Suborder Fulgoromorpha Evans, 1947**

**Superfamily Fulgoroidea Latreille, 1807**

**Family Fulgoridiidae Handlirsch, 1939**

**Genus *Tetrafulgoria* **nom. nov.****

*Tetragonidium* Bode, 1953 (Insecta: Hemiptera; extinct) non *Tetragonidium* Pascher, 1914 (Protista: Cryptomonada; Recent).

1953 *Tetragonidium*: Bode 1953: 194.

1992 *Tetragonidium* Bode, 1953: Carpenter: 240.

1996 *Tetragonidium* Bode, 1953: Ansorge: 46.

2004 *Tetragonidium* Bode, 1953: Szwedó *et al.*: 72.

**Gender:** feminine.

**Type species:** *Tetragonidium parallelogramma* Bode, 1953: 195.