

Disteniinae Thomson (Insecta, Coleoptera): a protected name

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ABSTRACT. Disteniinae Thomson (Insecta, Coleoptera): a protected name. The name “Cométites” Blanchard, 1845 (= Cometinae) is considered *nomen oblitum*, and “Distenitae” Thomson, 1861 (=Disteniinae), *nomen protectum*, under the provisions of the Article 23.9 of the ICZN. Disteniinae is hereafter used as a valid family-group name.

KEYWORDS. Cerambycidae; Cométites; nomenclature; *nomen oblitum*; *nomen protectum*.

RESUMO. Disteniinae Thomson (Insecta, Coleoptera): um nome válido. O nome Cométites Blanchard, 1845 (=Cometinae) é considerado *nomen oblitum*, e “Distenitae” Thomson, 1861 (=Disteniinae), *nomen protectum*, conforme o Artigo 23.9 do ICZN. Disteniinae é doravante utilizado como um nome válido do grupo-família.

PALAVRAS-CHAVE. Cerambycidae; Cometites; nomenclatura; *nomen oblitum*; *nomen protectum*.

Blanchard (1845: 163) used the name “Cométites” for a group of genera within the family “Lepturides” in which included: *Distenia* Lepeletier & Audinet-Serville, 1825, *Phelocalocera* Blanchard, 1845, and *Cometes* Lepeletier & Audinet-Serville, 1825. Except for *Heteropalpus* Buquet, 1843 (genus not mentioned in Blanchard’s work), the “Cométites” included all genera known at that time and that currently belong to Disteniinae (Coleoptera, Cerambycidae). At the present time all these old family-group names received the appropriate suffixes, e. g. “Lepturides” Latreille, 1804 = subfamily Lepturinae, and the tribes of Blanchard (*l. cit.*) “Eburites” = Eburini, “Callichromites” = Callichromatini, “Xystrocérites” = Xystrocerini.

Thomson (1861: 181) named “Distenitae” for his fifth group (“Cerambycites Verae”), that included the genera *Distenia*, *Cometes* and *Noemia* Pascoe, 1856. The genus *Heteropalpus* was mentioned as probably belonging to the group. *Cyrtionops* White, 1853 was not included in Thomson’s work and *Dynamostes* Pascoe, 1857, mentioned at page 379, was not allocated in any group.

The definition of the level within the family-group has been a controversial issue since the century XIX. The following allocations are some examples: Disteniini (tribe of Cerambycinae, Cerambycidae) according to LeConte (1873: 323), LeConte & Horn (1883: 307), Plavilstshikov (1931:3), Saalas (1936: 51) and Blackwelder (1946: 557); Disteniinae subfamily of Cerambycidae, according to Knull (1946: 150), Kojima & Hayashi (1969: 6), Crowson (1955: 141), Quentin & Villiers (1980: 32) and Lawrence & Newton (1995: 787); Disteniidae family of Coleoptera, according to Mann & Crowson (1981: 738), Monné & Giesbert (1994: 301), Martins & Galileo (1994: 77), and Makihara *et al.* (2002: 190).

Santos-Silva & Hovore (2007) considered Disteniinae as *nomen protectum*, and “Cométites” as *nomen oblitum*.

However, the authors did not base the proposition in accordance with the Article 23.9 of the Code (ICZN 1999).

Although the name “Distenitae” is a junior synonym, the name “Cométites” was not used after 1869 (formally), having been mentioned a single time by Lacordaire (1869: 231) in a note. Then, the condition demanded concerning the lack of usage of a senior synonym after 1899 by Article 23.9.1.1 of the Code (ICZN *op.cit.*) is met.

To satisfy the requirements of the Article 23.9.1.2 of the Code (ICZN *op.cit.*), we present the following published works:

- Aldbauer, K. 2004. Neue Disteniidae und Cerambycidae aus Afrika und den Seychellen (Coleoptera). **Les Cahiers Magallanes** 37: 1–17. (p. 2: Disteniidae).
- Aurivillius, C. 1912. **Coleopterorum Catalogus**, pars 39, Cerambycinae. Berlin, W. Junk, 574 p. (p. 7: Disteniini).
- Boppe, P. L. 1921. **Genera Insectorum**, Fam. Cerambycidae: subfam. Disteniinae-Lepturinae P. Wytzman, Bruxelles, 178, 1–119. (p. 2 : Disteniinae).
- Craighead, F. C. 1923. North American cerambycid-larvae. **Bulletin of the Canada Department of Agriculture** (n.s.) 27: 1–239. (p. 99: Disteniinae).
- Chemsak, J. A.; E. G. Linsley & F. A. Noguera. 1992. **Listados Faunísticos de México II. Los Cerambycidae y Disteniidae de Norteamérica, Centroamérica y las Indias Occidentales (Coleoptera)**. Universidad Nacional Autónoma de México, Instituto de Biología, México, 204 p. (p. 163: Disteniidae).
- Ehara, S. 1954. Comparative anatomy of male genitalia in some cerambycid beetles. **Journal of the Faculty of Agriculture, Hokkaido University**, Zoology 12(1/2): 61–115. (p. 70: Disteniinae).
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- Gahan, C. J. 1906. Coleoptera (Cerambycidae). **The Fauna of British India, including Ceylon and Burma**. C. T. Bingham London, xviii + 329 p. (p. 58: Disteniinae).
- Gressitt, J. L. 1940. The Longicorn beetles of Hainan Island Coleoptera:

- Cerambycidae. **Philippine Journal of Science** 72(1-2): 1–239. (p. 26: Disteniinae).
- Gressitt, J. L. & J. A. Rondon. 1970. Cerambycids of Laos (Disteniidae, Prioninae, Philinae, Aseminae, Lepturinae, Cerambycinae). **Pacific Insects Monograph** 24: 1–314. (p. 7: Disteniidae).
- Kaoru, M.; S. Sato & H. Miyata. 2002. Species diversity of longicorn beetles in humid warm-temperate forests: the impact of Forest management practices on old-growth Forest species in southwestern Japan. **Biodiversity and Conservation** 11: 1919–1937. (p. 1919: Disteniidae).
- Lawrence, J. F. 1991. **Order Coleoptera**. In: Stehr, F. W. (ed.). *Immature Insects*, Dubuque, Kendall/Hunt Publishing Co., 2: 144–298. (p. 234: Disteniinae).
- Lepesme, P. & S. Breuning. 1952. Note préliminaire sur la classification des Coléoptères Cerambycides. **Transactions of the IXth International Congress of Entomology** 1: 139–142. (p. 139: Disteniina).
- Linsley, E. G. 1962. The Cerambycidae of North America. Part III. Taxonomy and Classification of the subfamily Cerambycinae, Tribes Opsimini through Megaderini. **University of California Publications in Entomology** 20: 1–188. (p. 1: Disteniidae).
- Matsushita, M. 1933. Beitrag zur Kenntnis der Cerambyciden des Japanischen Reichs. **Journal of the Faculty of Agronomy, Hokkaido University** 34(2): 157–445. (p. 167: Disteniinae).
- Morvan, O. & J. Morati. 2006. Contribution à la connaissance des Cerambycidae de la montagne de Kaw, Guyane Française (Coleoptera). **Lambillionea** 106(3): 1–63. (p. 53: Disteniinae).
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- Conclusions. “Distenitae” Thomson, 1860 (=Disteniinae) is considered *nomen protectum*, and hereafter used as valid family-group name. “Cométites” Blanchard, 1845 (=Cometinae) on the other hand is *nomen oblitum*, consequently an invalid name.

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