

## Outlineoffungi.org – Note 1536 *Diplodites* / *Palaeodiplodites*

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***Diplodites*** D.N. Babajan & Tasl. 1973 ex Kalgutkar, Nambudiri & Tidwell (= *Palaeodiplodites* Kyoto Watan., H. Nishida & Tak. Kobay.). 1999 is its later taxonomic synonym (fide Kalgutkar & Jansonius 2000).

*Diplodites* (Type: *Diplodites sweetii* Kalgutkar et al. 1993) was proposed by Teterevnikova-Babajan & Taslakhchian (1973). They originally used this name for spores similar to modern *Diplodia* from Tertiary strata of Armenia. The Armenian spores measured 7–12 × 3–5 µm in diameter. However, the name was not then formally published, as the original publication lacked a valid description and illustrations, and no type species or specimen was designated for the proposed genus. Kalgutkar et al. (1993) preferred to retain the original name and thereby established *Diplodites* as a validly published genus by describing it and designating *Diplodites sweetii* as its type. This genus encompasses fossil taxa morphologically similar to the extant fungi *Diplodia*, *Botryodiplodia*, and other related genera such as *Dothiorella* and *Macrophoma*. Kalgutkar and Jansonius (2000) placed *Diplodites* under *Sphaeropsidales*. They also transferred the type of *Palaeodiplodites* (*P. yezoensis* Watanabe et al. 1999) to *Diplodites*.

### References

- Kalgutkar RM, Jansonius J. 2000 – Synopsis of fungal spores, mycelia and fructifications. AASP Contribution Series 39, 1–423.
- [Kalgutkar RM, Nambudiri EMV, Tidwell WD. 1993 – \*Diplodites sweetii\* sp. nov. from the Late Cretaceous \(Maastrichtian\) Deccan Intertrappean beds of India. Review of Palaeobotany & Palynology 77, 107–118.](#)
- Teterevnikova-Babajan, D.N. & Taslakhchian, M.G. 1973 – New data on fossil fungal spores in Armenia. Academy of Sciences of the USSR, Mycology and Phytology 4, 159–164.
- [Watanabe K., Nishida H. & Kobayasi T. – 1999 Cretaceous Deuteromycetes on cycadeoidalean bisexual cone. International Journal of Plant Sciences 160, 435–443.](#)

### Entry by

**Ramesh K. Saxena**, Birbal Sahni Institute of Palaeosciences, Lucknow-226007, Uttar Pradesh, India.

(Edited by **Maryam Tavakol Noorabadi**)

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