

**Outlineoffungi.org – Note 1604 *Otospora*, *Tricispora***

**Web-links for *Otospora* :** [Index Fungorum](#), [Facesoffungi](#), [MycoBank](#), [GenBank](#)

**Web-links for *Tricispora* :** [Index Fungorum](#), [Facesoffungi](#), [MycoBank](#), [GenBank](#)

*Otospora* Oehl, Palenz. & N. Ferrol.; *Tricispora* Oehl, Sieverd., G.A. Silva & Palenz.

The two monospecific genera were introduced by Palenzuela et al. (2008) and Oehl et al. (2011), respectively, based on the spore development (otosporoid and tricisporoid), different from other members in the *Diversisporaceae*. Because of phylogenetic analysis showing the nestedness of the two genera within *Diversispora*, and the low molecular divergence with neighbor *Diversispora* species, *Otospora* and *Tricispora* were transferred to *Diversispora* by Tedersoo et al. (2024).

**Reference**

Oehl F, da Silva GA, Goto BT, Sieverding E. 2011 – *Glomeromycota*: three new genera and glomoid species reorganized. *Mycotaxon* 116(1), 75–120.

Palenzuela J, Ferrol N, Boller T, Azcón-Aguilar C et al. 2008 – *Otospora bareai*, a new fungal species in the *Glomeromycetes* from a dolomitic shrub land in Sierra de Baza National Park (Granada, Spain). *Mycologia* 100(2), 296–305.

Tedersoo L, Magurno F, Alkahtani S, Mikryukov V et al. 2024 – Phylogenetic classification of arbuscular mycorrhizal fungi: new species and higher-ranking taxa in *Glomeromycota* and *Mucoromycota* (class *Endogonomycetes*). *MycoKeys* 107, 249–271.

**Entry by**

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