

GONIOSPHAERIDIUM *pungens* (Timofeev) Rauscher 1973

- 1959 *Archaeohystrichosphaeridium pungens* Timofeev, p. 39, pl. 3, fig. 33
1969a *Baltosphaeridium pungens* (Timofeev) Martin, p. 60, pl. 1, fig. 16, 23-24, 34
1973 *Gonosphaeridium pungens* (Timofeev) Rauscher, p. 62, pl. 1, fig. 7, 8
1975 *Gonosphaeridium pungens* (Timofeev) Martin, pl. 2, fig. 3, 7

jr syn of *G. dentatum* according to Welsch 1986 p 45

Pittau 1985 (p. 185 pl. 6, figs. 14, 23) : Tremadocian (-?earliest Arenig) Sardinia USA

Fombello Blanco 1983b (pl. 1, fig. 4) Tremadocian N. Spain

Timofeev 1959 Middle Cambrian - Tremadocian USSR

Martin 1969a (p. 60 pl. 1, figs. 16, 23, 24, 34, text-fig. 14) Tremadoc - ?E. Arenig Belgium

Rauscher 1973

Martin 1975 : early Tremadocian, Belgium

Deuyff - Massa 1975 (p. 22 fig. 4) : Tremadocian Libya

Baudelot & Bessier 1977 (pl. 41, fig. 22)

Fournier - Vinas (pl. 2, figs. 14, 17) 1978 : Tremadocian - Arenigian, France

Cocchio 1982 (pl. 1, fig. 1) : Tremadocian - Arenigian France

Webster 1986 (p. 45, pl. 9, fig. 12)

Playford and Wicander 1988 (cf. p. 15, figs. 6 m, N) Arenigian, Queensland, Australia

Baudelot, Bouillin & Coffait 1981 : Tremadocian, Algeria

Razul and Downie 1974 : Tremadocian, England

Yin in Chen et al. 1985 (pl. 28, fig. 14) : Late Cambrian China

Lu 1987 (p. 90, pl. 1, fig. 12, 19, 20) : Arenigian, W. Hubei China

(cf) Molyneux 1979 : late Tremadocian - late Arenigian Sicily of Man

(cf) Playford and Martin 1984 (p. 200-201, fig. 6 L) : Late Arenigian / Llanvirnian (possibly younger) W. Australia

GONIOSPHAERIDIUM pungens

- (cf.) Tongiorgi, Albani & Di Milia 1984 (p. 670 pl. 1, figs. 4-5) Late Arenig Sardinia
- (cf.) Di Milia Tongiorgi & Albani 1993 : Arenig Sardinia Italy
- Albani 1989 (p. 25-26 pl. 3, fig. 10) Arenig, Central Sardinia Italy
- Rubinstem 1997 (pl. 1, fig. 18) Tremadocian, northwestern Argentina
- Barca, Del Rio, Minzoni & Pittau Demelia 1984 (p. 321 pl. 27, fig. 12) Tremadoc central Sardinia
- Barca, Del Rio & Pittau Demelia 1989 (p. 351-352, pl. 48, fig. 1) Tremadoc, Southeastern Sardinia, Italy
- Olaru 1998 : Tremadoc Romania
- Fu 1986b (pl. 3, fig. 1) Lianvorn, Shaanxi, China
- Hu 1986 (pl. 14, figs. 12-14) Tremadoc Shaanxi, Province China
- Majesté-Menjoular et al. 1986 : Cambrian/Early? Tremadoc, Sicily, Italy
- Bouillin et al. 1987 (figure 21) : probable Early Tremadoc Sicily, Italy
- Volkova 1999 (pl. 3, fig. 3) Late Cambrian - Early Tremadoc Moscow Syncline Russia
- Fang 1987 (pl. 6, fig. 23) Arenig Yunnan Province China
- Bessière & Baudelot 1988 Tremadoc/Arenig Aude France
- Aristova 1980b : Tremadoc-Arenig, Moscow Syncline USSR boundary

Vergel, Araújo & Rubinstern 2002:

Tremadoc Salta Province NW Argentina

Tynni 19823 (p. 73 pl. 10, fig. 53) Early Ordovician,
Åland Islands, SW Finland

Pittau 1985b: probable latest Tremadoc, Is Arenas, Sardinia, Italy

Urnova & Vanderflit 1971: Tremadoc NW Russian Platform, USSR

Albani, Di Milia, Mingoni & Tongiorgi 1985 (pl. 2, figs. 17-18)

+ e Late Tremadoc Early Tremadoc Central Sardinia, Italy

(cf.) Albani et al. 1985 (pl. 4, fig. 11) 'Arenig (probably Late) ditto

Cocchio 1981 thesis (p. 53, pl. 1, figs. 1-2) Tremadoc

Massif de Mouthoumet' (Corbières, Aude) southern France