

TRACHYSphaeridium asaphum (Timofeev) Pyatiletov 1978a p. 14

- 1966 *Protosphaeridium asaphum* Timofeev, p. 23-24, pl. 4, fig. 9  
1966 *Protosphaeridium pusillum* Timofeev p. 23 pl. 4, fig. 8  
1966 *Stictosphaeridium pectinale* Timofeev p. 32 pl. 5, fig. 7  
1966 *Stictosphaeridium sibiricum* Timofeev p. 15 pl. 3, fig. 5  
1966 *Stictosphaeridium sinapticuliferum* p. 32 pl. 5, fig. 6  
1966a *Protoleiosphaeridium cultum* p. 118 pl. 7, fig. 4 (holotype), pl. 11, fig. 3  
pl. 14, fig. 3

junior synonym of *LEIOSphaeridia obsoleta* according to  
Jankauskas in Jankauskas (editor-in-chief) et al 1989 p. 80

Timofeev. 1966 : Early Cambrian USSR  
Rudavskaya 1971 (pl. 1, fig. 26) Cambrian E Siberia  
Fajstulina et al. 1973 (: early Cambrian USSR  
(purillum) " " (pl. 1, figs. 3a-3b) "  
Olaru 1996 : (reworked) Ludlovian/Pridolian Romania  
Mikhailova 1985 : Late Riphean Siberia USSR

## TRACHYSPHAERIDIUM asaphum

- (*P. pusillum*) Mikhailova 1985 Late Riphean Siberia USSR  
 Pyatiletov 1980c (pl. 3, fig. 7) Late Precambrian (Yudomian)  
 Yakutia, Siberia USSR
- Pyatiletov 1980d (figs. 1-2, 7, 10) Late Precambrian (Yudomian) Siberia USSR  
 Ivanovskaya & Timofeev, 1971 : Riphean, Siberia USSR
- (*P. pusillum*) " " " " " "  
 (*P. pusillum*) Viswanathiah, Venkatachalapathy & Naresk 1981 (p. 481, pl. 1, fig. 22)  
 Middle Riphean Karnataka India
- (*P. pusillum*) AKul'cheva et al. 1981 : Vendian? - Early Cambrian  
 (p. 104 pl. 18, fig. 13) Siberian Platform USSR
- Pyatiletov 1978a (p. 184, pl. 5, figs. 6-8) Late Riphean-Yudomian  
 Mansk Trough USSR
- Smirnova, Korogo & Kovaleva 1982 : Precambrian Novaya Zemly  
 Archipelago USSR
- (*P. pusillum*) " " " "  
 (*P. pusillum*) Choubert, Faure-Muret & Timofeev 1978:  
 Middle-Late Riphean Morocco

(*P. pusillum*) Heuse 1989b (p. 115, pl. 1, figs. 17-20, pl. 2, figs 1-4)  
Late Vendian, Schwarzburg Anticlinorium, Germany  
Volkova, Kir'yanov, Pyatiletov et al. 1970 : Late Precambrian,  
Siberian Platform, USSR