

MYXOCOCCOIDES grandis

Horodyski and Donaldson 1980 p. 142, Figs 7A-N (holotype 7B)

Myxococcoides grandis HORODYSKI AND DONALDSON, 1980, p. 142, figs. 7A-N, 8; HORODYSKI AND DONALDSON, 1983, fig. 5J-P, ZHANG et al., 1989, p. 325, Pl. I, figs. 10-13; CAO, 1992, Pl. II, figs. 1-6.

Myxococcoides cf. *grandis* ZHANG, 1985, p. 289, fig. 5E-I, J, K.

Globophycus rugosum Schopf (partim). ZHANG ET AL., 1989, p. 324, Pl. 2, figs. 2, 5; YAKSCHIN, 1991, p. 13-14, Pl. I, figs. 3, 7, Pl. II, fig. 11, Pl. IV, figs. 4, 8.

Phanerosphaerops polymorphus YAKSCHIN, 1991, p. 15, Pl. I, figs. 6, 8, 11.

Phanerosphaerops capitaneus SCHOPF AND BLACIC (partim). YAKSCHIN, 1991, p. 15, Pl. I, fig. 4, Pl. II, figs. 1, 8, 13.

Phanerosphaerops granulatus YAKSCHIN, 1991, p. 16, Pl. II, figs. 2-4.

Caryosphaeroides amplus YAKSCHIN, 1991, p. 17-18, Pl. II, figs. 5, 6.

Bisphaera plana YAKSCHIN, 1991, p. 18, Pl. I, figs. 5, 10.

Tuberiphycus uniparietinus YAKSCHIN, 1991, p. 19, Pl. III, figs. 7, 8, Pl. IV, figs. 5, 7.

Tuberiphycus biparietinus YAKSCHIN, 1991, p. 19-20, Pl. III, figs. 6, 13.

Zosterosphaera tripunctata(?) Schopf (partim). YAKSCHIN, 1991, p. 20, Pl. III, fig. 12.

Quaternatiphycus segmentatus YAKSCHIN, 1991, p. 29, Pl. V, fig. 4.

Quaternatiphycus sectorialis YAKSCHIN, 1991, p. 29, Pl. V, fig. 3a, b.

Eogloeocapsa composita YAKSCHIN, 1991, p. 22, Pl. VIII, figs. 5, 10.

Tetraphycus amplus GOLOVENOK AND BELOVA, 1984, p. 28-29, Pl. II, fig. 11; JANKAUSKAS, 1989, p. 98, Pl. XIX, fig. 13.

Glomophycus tortilis YAKSCHIN, 1991, p. 30, Pl. V, figs. 1, 2, 5a, b; SERGEEV, 1993, Pl. III, figs. 5-7.

Spherical colony with interior spindle-shaped algae, YAKSCHIN, 1989, Pl. I, fig. 5.

Division Cyanophyta

Class Cyanophyceae

Order Chroococcales

Family Chroococcaceae

Horodyski & Donaldson 1980 : Middle Proterozoic (1200 Ma)
Arctic Canada

Wang, Zhang & Suo 1983 : Sinian (610 Ma), Jinning County
(p. 152, Figs. 3.10-3.13) Yunnan Province SW China

Sergeev, Knoll & Petrov 1997 (p. 232, Fig. 17 and 18A)
Mesoproterozoic - Neoproterozoic transition
northwestern Siberia Russia

Sergeev, Knoll & Srotzinger 1995 (p. 33, Figs. 7.1-7.9, 7.13, 9.1-9.5)
Mesoproterozoic, northern Siberia Russia

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Horodyski and Donaldson 1980

Zhang & Su 1986 : Precambrian (1200/1400 M.y)
(p.326, pl.1, fig.7) Ming Tombs section Beijing China

(aff.) Volkova 1989c (pl.2, fig. 8) : Cambrian
East European Platform USSR

Cao 1992 (p.383, pl.2, figs. 1-6) : Middle Proterozoic
Pinggu County Beijing, China

(cf.) Zhang 1985 (p.289, Figs 5E-G, J-K + ?I)
Middle Proterozoic (c. 1200-1300 Ma)
Ming Tombs, Beijing, China

Snitovskaya et al. 2000 : Late Riphean, Timan, Russia

Veis & Petrov 1994 (pl.1, fig.10, pl.2, figs. 6 & 9) : Riphean
Turukhansk Uplift & western slope of Anabar
Uplift Siberia Russia

Veis, Petrov & Vorob'eva 1998 (pl.1, fig. 6) : Late Riphean,
Turukhansk Uplift, Siberia, Russia

(aff.) Petrov, Semikhatov & Sergeev 1995
Middle-Late Riphean boundary (1017 ± 91 Ma)
Turukhansk Uplift, Siberia Russia

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Petrov & Veis 1995 : Late Riphean Turukhansk Uplift, Siberia, Russia

Knoll & Sergeev 1995 (Figure 4) Mesoproterozoic
Anabar Uplift, Siberia, Russia

Wang & Zhai 1982 (pl. 3, figs. 1-3 & 5-7) Sinian
Jinning County, Yunnan Province, China

Srivastava 2006 (Figs. 8f, 8g) : Meso-Neoproterozoic
Jarkhal, Lesser Himalaya, India

Veis, Vorob'eva & Solubkova 2006 : earliest Vendian
Vychegda depression, NE Margin of E. European Platform, Russia

Vorob'eva, Sergeev & Semikhator 2006 : Early Vendian
southern Timan region, Russia

Horodyski & Donaldson 1983 : Middle Proterozoic (c 1200 Ma)
(p 278, Figs. 5J-5P) District of Mackenzie NWT, Canada

Hofmann & Jackson 1991 : Proterozoic (c 1260-1250 Ma) Baffin Island (Canada)
(p 374-375, Figs. 8.6-8.8, 10.8, 10.14, 10.16, 12.1-12.5, 12.8, 12.6, 12.7)

Mathur & Srivastava 2004 (fig. 2.14) : latest Neoproterozoic
Sirmaur District, Himachal Pradesh, India

Sergeev 1999: Mesoproterozoic, Turukhansk Uplift, Siberia, Russia

Sergeev, Vorob'eva & Petrov 2007 (pl. 1, figs 7 & 9-10)

Early Riphean, North Anabar region, Northern Siberia, Russia

Veis & Vorob'eva 1993a: Late Riphean

Uchur-Maya region, Siberia, Russia

Veis 1983: Late Riphean, Uchur-Maiskii region, Siberia, USSR

Bozhko et al. 1999: Late Precambrian

Baikalo-Mviskogo Poyasa, Russia

Sergeev, Sharma & Shukla 2008 (pl. 1, figs 9-10) (pl. 2, fig. 10, pl. 3, fig. 8)

Early/Middle Riphean, Anabar Uplift, Siberia, Russia

Semikhatov 2008b: Early Riphean, South Urals, Russia

Ahn & Lee 2003 (p. 235, Figs. 4a-f):

Meso-Neoproterozoic (ca. 1100 - 900 Ma)

Turukhansk Uplift, NW margin of Siberian Platform
east of Ural Mountains, Russia

Xiao, Hu, Ding & Liu in Ding et al. 1996 (pl. 5, fig. 9): Late Sinian
eastern region of Yangtze Gorges, Zigui County, Hubei Province, China