

GRYPANIA spiralis

Walcott

emend Walter, Oehler & Oehler
1990

coiled
ribbon

- Hofmann 1985 a (p.349 pl.39 fig.4) Mid-Proterozoic North-West Canada
- Kumar 1995 (p.178, 180 Figs. 6, 7a-7e) Mesoproterozoic
(early Vindhyan) Katni area central India
- Horodyski, 1993 : Middle Proterozoic, western USA
(Figs 6B-6D)
- Sun 1994 (Figure 2) : Mesoproterozoic (1.4 Ga) { Montana USA
Jixian, N China
- Knoll 1992b (Figure 3B) Precambrian (1400 Ma) China

GRYPANIA spiralis

(Walcott) Walter et al 1976
p 877

1899 *Helminthoidichnites spiralis* Walcott, p. 236, pl. 24, figs. 5-6

1899 *H. meeki* Walcott, p. 236, pl. 24, fig 7

helically coiled megascopic
carbonaceous fossil

Nia 2002 : Middle / Late Proterozoic
Yan-Liao area northern China

Knoll & Sergeev 1995 (Fig. 7) Mesoproterozoic China

Knoll, Javaux, Hewitt & Cohen 2006 (Figure 2h)
Mesoproterozoic China

Walter, Du & Horodyski 1990 (p. 140-143, pl. Figs 4a, 4c-i, 4k-1)
Middle Proterozoic (1400 Ma) Montana, USA and
Jixian, Tianjin China

Han and Runnigal 1992 (p. 232-233, Figure 3E)
1100 my. old central India

(+ resembles *S. spiralis*) 2.1 billion year old
Empire Mine, near Marquette, Michigan USA

Hofmann 1985 (p. 349, pl. 39, fig 4)

Kumar 1995 (p. 178-180, pl. Figs 6a-d, b, 1, 10, 17g) Figs 7f, h, i =
Spirochaeta beerii

Sharma & Shukla 2009 (p. 113, Figs 4A-B, 5A, 5C-D, F-H, 7D-E & 9-11
E. Mesoproterozoic, Katni district, central India (F-D-9, 9A-B)