

FRANKEA hamata

Burmann 1970

Burmann 1970, p. 290-291, pl. 2, fig 7, 9-10 (holotype fig. 9)

→ MULTIPLICISPHAERIDIUM by Ewenack et al 1976 p. 295, 459  
retained as type species of FRANKEA by Colbath 1986, p. 73 \* by Servais 1993 p 83

1977 Frankea sarthebernardensis (Martin); Martin pl. 5, fig. 7

only two terminal pinnae on each of its three processes

Cooper, Rushton et al. 1995 : Late Arenig NW England

\* latest Arenig according  
to Rushton & Molyneux 1989

Molyneux 1990 Late Arenig England & Wales

Burmann 1970 } : late Llanvirnian E. Germany  
1976 }

Vanguestaine 1978a : Arenigian / Llanvirnian, Belgium

Molyneux 1979 : Arenigian or Llanvirnian, Isle of Man

Turner 1982 (p. 128) : Caradocian England (rewritten)

Turner & Wadge 1979 (pl. 19, figs. 1-2) : mid Arenigian England

Vavrdová 1990a : Early Llanvirnian Czechoslovakia

Millward & Molyneux 1992 : Llanvirnian / Caradocian England

(aff) Trythall et al. 1987 : Llandeilo - early Caradoc North Wales

Burmann 1976 (pl. 1, fig. 47) : late Llanvirnian E Germany

Downie 1984 (p. 13, fig 4:27)

Colbath 1986 (p. 72)

Molyneux in Rushton & Molyneux 1989 (p. 271-272, figs 4J, 4K) latest Arenig, England

André, Herbosch et al. 1991 Ordovician, Belgium

Maletz & Servais (unpublished data) Llanvirn Eibe Mountains

Servais (unpublished data) *D. murchisoni* Biogone NE Germany

Servais 1991 (var. B. with finely striate walls) Llanvirn / Llandeilo Belgium

André, Herbosch et al. 1991 Arenig - Llanvirn Belgium

Servais 1994 : Early - Late Llanvirn NE Germany

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Burmann 1970

- Reitz & Höll 1992 : Arenig, Eastern Alps Austria
- Matetz & Servais 1993 (Figure 4.10, 4.11) Early Llanvirn Germany
- Molyneux 1999 : Late Arenig, Isle of Man, UK
- Molyneux 1999b : Late Arenig, Northwest England
- Samuelsson, Vecoli & Beier 2001 (Figure 7.6)  
reworked in Ashgill southern Baltic Sea
- Brück & Vanguestame 2004 : late Arenig / Llanvirn  
(p. 207, Figure 8.12) south County Wexford coast, Ireland
- Vecoli & Le Hérisse 2004 : 'Llanvirn - Caradoc', northern Gondwana
- Molyneux (in Pratt et al) 1995 : ? Llanvirn  
Cadair Idris region North Wales
- Rushton & Molyneux 1989 : Late Arenig  
(Figures 4J-4K) Lake District England
- Delcambre & Pingot 2002 : late Arenig  
Chastre-sembloux, Brabant Massif, Belgium
- (?) Molyneux 1973 : late Arenig (Fennian)  
(p 328, Figs 44)  
+330 South-west Wales

Molyneux 2009 : Arenig (late Dapingian / early Darrivilian)  
Lake District NW England

Booth 1979 Thesis (p. 24-256, pl. 8, fig. 10, pl. 16, fig. 16(?) , pl. 30, fig. 7(?))  
Arenig? - Llanvirn 'W North Wales

Early Llanvirn? Lake District NW England

Vanguerstaine & Wauthoz 2011 (p. 9, pl. 1, fig. 4)  
Middle Ordovician (early Darrivilian)  
Thyle river section southern Brabant Massif Belgium