

ACTINOTODISSUS crassus

Loeblich & Tappen 1978

Loeblich & Tappen 1978, p 1238, 1241, pl. 1, figs 5-7 (holotype fig 5)

> ACANTHODIACRODIUM (by Hu 2001 p. 56)  
by Vecoli 1999 p. 28

- Jacobson & Pichab 1965 (p. 171, pl. 1, fig. 2, 3) : early-middle Ashgillian & Canada
- Loeblich & Tappan 1974 : late Caradocian, Indiana USA
- (cf) Hill & Molyneux 1988 (pt. : Caradocian - Ashgillian, NE Libya
- (cf) Molyneux 1988 (pl. 8, figs. 1-2) : Early Caradocian - Ashgillian, NE Libya  
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- (cf) M. in Molyneux & Paris 1985 (pl. 1, figs. 1, 2) : late? Caradocian NE Libya
- Li 1990 (p. 144-145, pl. 3, fig. 8) : Arenigian Hunan China
- Keegan et al. 1990 : Caradocian / Early Ashgillian Jordan
- Jachowicz 1995 (pl. 2, fig. 3) : Early Ashgill Saudi Arabia
- Shavidel-Syooki & Khosravi 1995 (pl. 1, fig. 1) : Caradoc / Ashgill Iran
- Reitz & Heur 1994 (Figure 2.8) : Late Ordovician Germany
- Shavidel-Syooki 1997 (pl. 6, fig. 5) : Caradoc Southern Iran
- Colbath 1986b : Late Ordovician southern Appalachians USA
- Li 1990b : Arenig / Llanvirn Hunan China
- Vecoli et al. 1999 : Ashgill southern Tunisia & Algerian Sahara
- (cf.) Bednarczyk, Stempień-Satek & Wrona 1999  
Early Caradoc Pomerania NW Poland

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ACTINOTODISSUS crassus Loeblich & Tappan 1978

- Wrona, Bednarczyk, & Stempień-Satek 2001 (pl. 5, fig. 1)  
(cf.) Wrona et al. 2001 (pl. 5, fig. 2)  
Early Caradoc Pomerania Poland
- Shavidel-Syooki 2000 (pl. 3, fig. 9) : Caradoc-Ashgill  
Kopet-Dagh Region, NE Alborz Range, Iran
- Vergel, Aráoz & Rubinsteyn 2002 (pl. 1, fig. 24)  
Early Tremadoc Jujuy Province NW Argentina
- Shavidel-Syooki 2003b : Caradoc / Ashgill  
(pl. 4, fig. 11) eastern Central Iran
- Aráoz & Vergel 2006 (Figure 6.C) : Tremadoc,  
Quebrada de Moya, Eastern Cordillera Argentina
- Miller, Al-Ruwaili 2007 : reworked Late Ordovician (Hirnantian)  
central Saudi Arabia
- Vergel, Aceñolaza & Aráoz 2007 : Early Tremadoc  
Cordillera Oriental y Jujuy Argentina
- Shavidel-syooki 2006 abstract : Late Ordovician  
Khoshyeilagh area, NE Alborz Mts Iran

Shavidel-Syooki 2001a (p. 6, fig. 1) : Llanvirn (Ashgill)  
NE Alberg Range Iran

Shavidel-Syooki & Hoseinzadeh 2007 abstract : Late Ordovician  
southeastern Caspian northern Iran

(cf) Paris, Le Hérissé, Monod et al. 2007

Middle Ordovician (Early Darriwilian)

Taurus Range southern Turkey

Late Ordovician (Sandbian/early Katian) same region

Late Ordovician (Sandbian-Hirnantian),

Border Folds, southeastern Turkey

Shavidel-Syooki 2009 abstract Ashgill

Fazelabad area SE of the Caspian Sea

Alberg Mountains, North Iran

Aráoz 2009 (p. 67, Fig. 12-I) : Ordovician

(Dapingian - Darriwilian / Sandbian)

Sierra de Zenta, Cordillera Oriental, Argentina