

## The type Ludlow Series: Pitch Coppice Quarry

**Faunal distribution across the Wenlock-Ludlow boundary.** Occurrence of shelly fossils in the Much Wenlock Limestone Formation and Lower Elton Formation at Pitch Coppice Quarry. After Lawson & White (1989, fig. 57).

Bed (Lawson & White 1989; after Holland <i>et al.</i> 1963)	Wenlock Series Homerian Stage Much Wenlock Limestone Formation							Ludlow Series Gorstian Stage Lower Elton Formation		
	A	B	C	D1	D2	D3	E	F1	F3	F4
<b>Brachiopods</b>										
<i>Aegiria grayi</i>		x								
<i>Atrypa reticularis</i>	x	x	x	x						x
<i>Craniops implicatus</i>										x
<i>Dalejina hybrida</i>			x							
<i>Dicoelosia biloba</i>										x
<i>Eospirifer radiatus</i>				x						x
<i>Eospirifer</i> sp.										x
<i>Glassia?</i>	x	x								x
<i>Gypidula galeata</i>							x			x
<i>Howellella subinsignis</i>	x	x								
<i>Hyattidina?</i>									x	
isorthid	x	x						x		
<i>Leptaena depressa</i>						x		x		x
<i>Leptostrophia filosa</i>			x	x						
<i>Nucleospira pisum</i>									x	
<i>Orbiculoidea</i> sp.										x
orthoids		x		x	x		x			x
<i>Mesopholidostrophia laevigata</i>								x		
rhynchonelloid		x								
<i>Salopina?</i>			x							
<i>Sphaerirhynchia wilsoni</i>	x	x		x						x
<i>Strophonella euglypha</i>	x	x		x				x		x
<i>Visbyella?</i>										x
<b>Gastropods</b>										
<i>Poleumita discors</i>										x
<b>Trilobites</b> (fragments only)										x

(continued...)

## Faunal distribution across the Wenlock-Ludlow boundary (continued).

	Wenlock Series Homerian Stage Much Wenlock Limestone Formation							Ludlow Series Gorstian Stage Lower Elton Formation		
<b>Bed</b> (Lawson & White 1989; after Holland <i>et al.</i> 1963)	A	B	C	D1	D2	D3	E	F1	F3	F4
<b>Ostracodes</b>										
<i>Beyrichia clausa</i>		x								
<b>Anthozoa</b>										
<i>Catenipora?</i>								x	x	x
<i>Coenites?</i>		x							x	
cf. <i>Cystihalysites westwoodensis</i>									x	
<i>Favosites</i> sp.									x	
<i>Heliolites?</i>										x
? <i>Palaeofavosites rugosus</i>								x		
<i>Planalveolites</i> cf. <i>labechii</i>								x	x	x
<i>Planocoenites</i> sp.									?	x
<i>Propora tubulata</i>										x
solitary corals					x					
<i>Spongophylloides grayi</i>								x	x	
<i>Stelliporella</i> sp.								x	x	?
<i>Striatopora</i> cf. <i>coenitoides</i>								x		
<i>Thecia</i> sp.										x
<b>Stromatoporoids</b>								x	x	
<b>Bryozoa</b>										
<i>Fenestella</i> sp.										x
<i>Ptilodictya</i> sp.										x
miscellaneous bryozoa	x	x								
stick bryozoa										x
<b>Crinoids</b> (debris)		x					x	x		x

x: present.

Holland, C.H., Lawson, J.D & Walmsley, V.G. 1963. The Silurian rocks of the Ludlow district, Shropshire. *Bulletin of the British Museum (Natural History)*, Geology, **8**, 95-171, pls 1-7.

Lawson, J.D. & White, D.E. 1989. The Ludlow Series in the Ludlow area. In Holland, C.H. & Bassett, M.G. (eds) *A global standard for the Silurian System*. National Museum of Wales, Geological Series No. **9**, Cardiff, 73-90.

See: [Boundary stratotype for the base of the Ludlow Series and Gorstian Stage, Pitch Coppice Quarry - lithostratigraphy, shelly fauna, vertical section.](#)

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