

The type Ludlow Series: Sunnyhill Quarry

Faunal distribution across the Gorstian-Ludfordian boundary. Occurrence of shelly fossils in the Upper Bringewood Formation and Lower Leintwardine Formation at Sunnyhill Quarry. After Lawson & White (1989, fig. 61).

	Gorstian Stage Upper Bringewood Fm.						Ludfordian Stage Lower Leintwardine Fm.			
Beds	C1	C3	C5	C6	C7 A	C8 B	C9 D	C11 F	C13 H	C14 I
White & Lawson, 1978										
Holland <i>et al.</i> , 1963										
Brachiopods										
<i>Aegiria grayi</i>	X		x				X			
<i>Atrypa reticularis</i>	X	X	x	X	X	X	X	X	X	X
<i>Craniops implicatus</i>	X	x			x		x	x	X	
dalmanellids	x		x	x	x	X	x		x	
<i>Dayia navicula</i>						x	x	x	x	X
<i>Eospirifer radiatus</i>			x							
<i>Howellella elegans</i>	x				x			x	X	X
<i>Hyattidina canalis</i>										X
<i>Isorthis orbicularis</i>	x	x	X	x	X	X	X	X	X	X
<i>Kirkidium knightii</i>					x	x				
<i>Leptaena depressa</i>	x		x		x					x
<i>Leptostrophia filosa</i>	x							x	x	
<i>Lingula lata</i>						x				
<i>Lingula lewisii</i>						x	x	x	x	x
<i>Mesopholidostrophia lepisma</i>	X	x	x	x						
<i>Microsphaeridiorhynchus nucula</i>	x		x		x	X	x	X	X	X
<i>Orbiculoidea rugata</i>	x								x	x
<i>Protochonetes ludloviensis</i>								x		x
<i>Salopina lunata</i>									x	
<i>Schizocrania striata</i>										x
<i>Shagamella minor</i>	X	X	X	X	X	x	x	x	X	X
<i>Shaleria ornatella</i>								x	x	
<i>Shaleria</i> sp.	X				x	x				
<i>Sphaerirhynchia wilsoni</i>	X	x		x	x	X	x	X	X	X
<i>Strophonella euglypha</i>	x	x		X	x	x				
Bivalves										
<i>Cardiola interrupta</i>						x		x		x
<i>Cypricardinia planulata</i>	x			x	x			x		x
<i>Fuchsella amygdalina</i>									x	x
<i>Mytilarca mytilimeris</i>									x	x
<i>Pterinea</i> cf. <i>tenuistriata</i>	x	x								
<i>Pterinotella retroflexa</i>							x			x

(continued...)

Faunal distribution across the Gorstian-Ludfordian boundary (continued)

	Gorstian Stage Upper Bringewood Fm.						Ludfordian Stage Lower Leintwardine Fm.			
Beds White & Lawson, 1978 Holland <i>et al.</i> , 1963	C1	C3	C5	C6	C7 A	C8 B	C9 D	C11 F	C13 H	C14 I
Gastropods										
<i>Bembexia lloydii</i>									x	
<i>Bucanopsis expansus</i>									x	x
<i>Cyclonema coralii</i>									x	x
<i>Euomphalopterus alatus</i>	x								x	
<i>Poleumita globosa</i>		x								
Cephalopods										
<i>Kionoceras angulatum</i>		x								
<i>Orthoceras ibex</i>				x						
orthocones										x
Trilobites										
<i>Dalmanites vulgaris</i>	x									
<i>Proetus obconicus</i>								x	x	x
proetids						x				
Corals										
<i>Favosites</i> sp.	x		x	x	x	x				
<i>Rhabdocyclus porpitoides</i>	x	x			x					
trochoid solitary corals				x	x	x				
Bryozoa										
<i>Stenopora fibrosa</i>	x		x							
branching bryozoans	X	X	X	X	X	x	x		X	X
encrusting bryozoans		x		x						
Crinoids										
crinoid columnals					X	X	X	X	X	X
Annelids										
<i>Keilorites squamosus</i>										x
tentaculitids			x							

X: common to very common.

x: present.

(continued...)

Faunal distribution across the Gorstian-Ludfordian boundary (continued)

- 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.
- White, D.E. & Lawson, J.D. 1978. The stratigraphy of new sections in the Ludlow Series of the type area, Ludlow, Salop, England. *Report of the Institute of Geological Sciences*, No. **78/30**, 1-10.

See: [Boundary stratotype for the base of the Ludfordian Stage, Sunnyhill - lithostratigraphy, shelly faunas, Sunnyhill Quarry - profile.](#)

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