

## Distribution of acritarch species in the type Ludlow Series - 1

Series and stages		Formation	Acritarch zones	<i>Dateriocradus polydactylus</i>	<i>Eupoikilofusa filifera</i>	<i>Leiofusa banderillae</i>	<i>Leiofusa tumida</i>	<i>Leptobrachion arbusculiferum</i>	<i>Multiplicisphaeridium triangulatum</i>	<i>Salopidium granuliferum</i>	<i>Schismatosphaeridium longhopense</i>	<i>Tylotopalla wenlockia</i>	<i>Ammonidium waldronense</i>	<i>Cymbosphaeridium eurnes</i>	<i>Multiplicisphaeridium cymula</i>	<i>Multiplicisphaeridium eltonense</i>	<i>Percultisphaera pilosa</i>	<i>Cymatosphaera octoplana</i>	<i>Multiplicisphaeridium arbusculatum</i>	<i>Opplatala insolita</i>	<i>Pterospermella foveolata</i>						
Pridoli ?		Downton Castle Sandstone																									
Ludlow	Ludfordian	Upper Whitcliffe	<i>Visbysphaera whitcliffensis</i>																								
		Lower Whitcliffe																									
		Upper Leintwardine	<i>Leoniella carminae</i>																								
		Lower Leintwardine																									
	Gorstian	Upper Bringewood	<i>Florisphaeridium castellum</i>											x x													
		Lower Bringewood																			x x						
		Upper Elton																			x x x						
		Middle Elton	<i>Tylotopalla pyramidalis</i>						x x x					x x	x x	x x	x x										
		Lower Elton	<i>Leptobrachion longhopense</i>	x x	x x	x x	x x	x x	x x	x x	x x	x x	x x	x x	x x	x x	x x										
Wenlock		Much Wenlock Limestone		x x	x x	x x	x x	x x	x x	x x	x x	x x	x x	x x	x x	x x	x x	x x	x x	x x							

Acritarch occurrences in the type Ludlow Series, after Dorning (1981)

Dorning, K.J. 1981. Silurian acritarchs from the type Wenlock and Ludlow of Shropshire. *Review of Palaeobotany and Palynology*, **34**, 175-203.

See: ['The type Ludlow Series: Biostratigraphy - acritarchs'](#) for further information.

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## Distribution of acritarch species in the type Ludlow Series - 2

Series and stages		Formation	Acritarch zones	<i>Tunisphaeridium parvum</i>	<i>Cymbosphaeridium gueltaense</i>	<i>Oppilata ramusculosa</i>	<i>Carminella maplewoodensis</i>	<i>Salopidium wenlockense</i>	<i>Helosphaeridium pseudodictyum</i>	<i>Cymatiosphaera eltonensis</i>	<i>Dateriocradus tribrachiata</i>	<i>Leiofusa exilata</i>	<i>Leiofusa thomissa</i>	<i>Leptobrachion longhopense</i>	<i>Neoveveryhachium mayhillense</i>	<i>Veryhachium pertonense</i>	<i>Tylotopalla pyramidalis</i>	<i>Multiplicisphaeridium josefae</i>	<i>Cymatogalea gorstia</i>	<i>Pterospemella woodgreenensis</i>	<i>Multiplicisphaeridium illinoii</i>			
Pridoli ?		Downton Castle Sandstone																						
Ludlow	Ludfordian	Upper Whitcliffe	<i>Visbysphaera whitcliffensis</i>							x														
		Lower Whitcliffe								x														
		Upper Leintwardine	<i>Leoniella carminae</i>							x	x	x							x					
		Lower Leintwardine		x	x	x	x	x							x									
	Gorstian	Upper Bringewood	<i>Florisphaeridium castellum</i>	x	x	x	x	x	x							x								
		Lower Bringewood		x	x	x	x	x	x							x x x								
		Upper Elton		x	x	x	x	x	x							x	x	x	x	x	x			
		Middle Elton	<i>Tylotopalla pyramidalis</i>	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		
		Lower Elton	<i>Leptobrachion longhopense</i>	x	x	x	x	x	x	x	x	x	x	x	x	x	x							
	Wenlock		Much Wenlock Limestone		x	x	x	x	x	x														

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### Distribution of acritarch species in the type Ludlow Series - 3

Series and stages		Formation	Acritarch zones	<i>Percultisphaera stiphrospinata</i>	<i>Pterospemella bernardinae</i>	<i>Ammonidium ludlovense</i>	<i>Florisphaeridium castellum</i>	<i>Gorgonisphaeridium bringewoodense</i>	<i>Helosphaeridium latispinosum</i>	<i>Cymatiosphaera ledburica</i>	<i>Cymbosphaeridium bikidium</i>	<i>Dilatatisphaera laevigata</i>	<i>Quadraditum incisum</i>	<i>Dilatatisphaera willierii</i>	<i>Leptobrachion bringewoodense</i>	<i>Eisenackidium ludlovense</i>	<i>Nanocyclops</i> sp.	<i>Percultisphaera ledburica</i>	<i>Eupoikilofusa cantabrica</i>	<i>Geron fundularius</i>	<i>Solita radians</i>
Pridoli ?		Downton Castle Sandstone																			
Ludlow	Ludfordian	Upper Whitcliffe	<i>Visbysphaera whitcliffensis</i>	x	x																
		Lower Whitcliffe		x	x																
		Upper Leintwardine	<i>Leoniella carminae</i>	x	x					x				x x x							
		Lower Leintwardine		x	x	x x x x				x x x x x x											
	Gorstian	Upper Bringewood	<i>Florisphaeridium castellum</i>	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
		Lower Bringewood		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
		Upper Elton		x	x	x	x	x	x	x	x	x	x								
		Middle Elton	<i>Tylotopalla pyramidalis</i>	x	x																
Lower Elton		<i>Leptobrachion longhopense</i>																			
Wenlock		Much Wenlock Limestone																			

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## Distribution of acritarch species in the type Ludlow Series - 4

Series and stages		Formation	Acritarch zones	<i>Polyedryxium rabians</i>	<i>Tunisphaeridium whitcliffense</i>	<i>Piliferosphaera pertonensis</i>	<i>Tylotopalla maraca</i>	<i>Eupoikilofusa missouriensis</i>	<i>Pterospermella pertonense</i>	<i>Cymbosphaeridium pilaris</i>	<i>Leiofusa estrecha</i>	<i>Leoniella carminae</i>	<i>Multiplicisphaeridium paraguayenense</i>	<i>Onondagella deunffi</i>	<i>Veryhachium leintwardinense</i>	<i>Visbysphaera foliata</i>	<i>Visbysphaera whitcliffensis</i>	<i>Diexallophasis sanpetrensis</i>	<i>Schismatosphaeridium mayhillense</i>	<i>Rhacobrachion mala</i>	<i>Elektoriskos brevispinosa</i>	<i>Polyedryxium tetrahedroide</i>
Prídolí ?		Downton Castle Sandstone																				
Ludlow	Ludfordian	Upper Whitcliffe	<i>Visbysphaera whitcliffensis</i>	x	x					x	x	x	x	x	x	x	x			x	x	x
		Lower Whitcliffe		x	x			x	x	x	x	x	x	x	x	x	x		x	x	x	
		Upper Leintwardine	<i>Leoniella carminae</i>	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x		
		Lower Leintwardine		x	x	x	x	x	x	x	x	x	x	x	x	x	x					
	Gorstian	Upper Bringewood	<i>Florisphaeridium castellum</i>	x	x																	
		Lower Bringewood																				
		Upper Elton																				
		Middle Elton	<i>Tylotopalla pyramidalis</i>																			
		Lower Elton	<i>Leptobrachion longhopense</i>																			
Wenlock		Much Wenlock Limestone																				

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