

Ludlow graptolite zonation

Chronostratigraphy		Biostratigraphy (after Rickards 1989a)		Standard graptolite zones (after Koren' 1989)		Primary graptolite zones (after Cocks & Nowlan 1993)		Graptolite zones		
Series	Stages							Ludlow area	North Wales (after Warren 1971)	Northern England (after Rickards 1989b)
Pridoli (base)		<i>parultimus</i>		<i>pridoliensis-ultimus</i>		<i>parultimus-ultimus</i>				
Ludlow	Ludfordian	<i>balticus/caudatus</i>		<i>formosus-balticus</i>		<i>formosus</i>				
		<i>kozłowski</i> <i>inexpectatus</i> <i>auriculatus</i> <i>cornutus</i>		<i>kozłowskii-auriculatus</i>		<i>bohemicus-kozłowskii</i>				
		<i>praecornutus</i> <i>aversus</i>								
		<i>bohemicus</i>		<i>bohemicus-aversus</i>		<i>bohemicus</i>				
		<i>leintwardinensis</i>		<i>leintwardinensis</i>		<i>leintwardinensis</i>				
		Gorstian	<i>hemiaversus</i> <i>invertus</i> <i>scanicus</i> <i>progenitor</i> <i>nilssoni</i>		<i>incipiens</i> or <i>tumescens</i> <i>nilssoni-scanicus</i>		<i>scanicus-chimaera</i>		<i>scanicus</i>	
	<i>scanicus</i>		<i>tumescens/incipiens</i>							
	<i>nilssoni</i>		<i>scanicus</i>							
	<i>nilssoni</i>		<i>nilssoni</i>							
Wenlock (top)		<i>ludensis</i>		<i>ludensis-nassa</i>		<i>ludensis</i>		<i>ludensis</i>	<i>ludensis</i>	<i>ludensis</i>

Graptolite zonation applied to the Ludlow Series.

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See: ['The type Ludlow Series: Biostratigraphy - graptolites'](#) and ['Ludlow graptolite zones of the Welsh Borderland'](#) for discussion.

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(Author: SGM)