

A new Standard Wenlock Conodont Zonation

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A new standard conodont zonation for early and middle Wenlock is in manuscript. The late Homeric sequence too includes distinct faunas (the following text and tables should be read from below).

A full recovery occurred in the early Ludlow with return of e.g. *P. recurvatus*, *P. gracilis*, *P. serratus* and *K. o. absidata*.

Conodonts		Graptolites	Oceanic state
<i>O. c. densidentata</i> etc, few coniforms		(<i>P. vulgaris</i>) (<i>P. deubeli</i>)	Klinte S.'E.
Temporary recovery, diverse fauna		<i>P. praedeubeli</i>	Mulde
Very low diversity	<i>O. excavata</i> dominates <i>P. equicostatus</i> dominates <i>Pseudooneotodus</i> abund.	<i>G. nassa</i> - <i>P. dubius</i> <i>M. d. parvus</i> No graptoloids? Extinction:	Secundo- Secundo Event
faunas	<i>O. excavata</i> dominates	Topmost (10% ?) <i>M. testis</i> Extinctions?	
Extinctions			
<i>O. s. sagitta</i> , high diversity		<i>C. lundgreni</i>	Hellvi S.E.

Chrono-stratigraphy	Oceanic Regime	Standard Conodont Zonation	Standard Graptolite Zonation	Gotland	Celtion		Oklahoma Tennessee	
					Welsh Borderland	N. S. Wales		
W	Early Homeric Hellvi S. E. Vallev. E.	<i>O. s. sagitta</i> Zone	<i>C. lundgreni</i> Zone	"g" Pentamerus	15	13C	?	
	Allekvia P. E.	<i>K. o. ortus</i> Zone	<i>C. ellesae</i> Zone	S	12D			
E	Lansa S. E.	post <i>K. walliseri</i> interregnum						
	Boge Event	uppermost <i>K. walliseri</i> range		"g"	12D		?	
N	Sanda P. E.	<i>K. patula</i> Zone	<i>C. rigidus</i> Zone	i	12B			?
		Middle <i>K. walliseri</i> Zone	<i>M. belophorus</i> Zone	t		?		?
L	Vattenfallet Secundo Episode	Lower <i>K. walliseri</i> Zone	<i>M. antennularius</i> Zone	f e e	Tofta			
		<i>O. s. rhenana</i> Zone	<i>M. riccartonensis</i> Zone	a	Högklint			
O		Upper <i>K. ranuliformis</i> Zone	(<i>C. murchisoni</i> Zone)	d c b a	Upper Visby			
		Lower <i>K. ranuliformis</i> Zone	<i>C. centrifugus</i> Zone	e	Lower Visby			
K	Ireviken Event	Upper <i>P. procerus</i> Zone	<i>C. insectus</i>					
		Lower <i>P. procerus</i> Zone	(<i>C. sakmaricus</i>)	d				
?		Upper <i>Ps. bicornis</i> Zone	(<i>C. lapworthi</i>)	c				
		Lower <i>Ps. bicornis</i> Zone	<i>M. spiralis</i> Zone	b a				
LLAN-DOVERY	Snipklint P. E.	<i>P. amorphognathoides</i> Zone						

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Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Berichte der Geologischen Bundesanstalt](#)

Jahr/Year: 1994

Band/Volume: [30](#)

Autor(en)/Author(s): Jeppsson L.

Artikel/Article: [A new Standard Wenlock Conodont Zonation 133](#)