

**New data on the North-Tethyan Tithonian Nerineaceans
(the Ernstbrunn Limestone fauna, Austria)**

WIECZOREK Józef, ul. M. Smoluchowskiego 4/1, 30-083 Kraków - POLAND

The nerineacean assemblage, described lately (Wieczorek, 1998) from the Ernstbrunn Limestone cropping out in the environs of Dörfles near Ernstbrunn (Waschberg Zone, Lower Austria), consists of: *Eunerinea hoheneggeri* (PETERS), *Eunerinea posthuma* (ZITTEL), *Euerinea* cf. *sculpta* (ETALLON), *Cryptoplocus* cf. *picteti* GEMMELLARO, *Cryptoplocus* sp., *Ptygmatis pseudobruntrutana* (GEMMELLARO), *Ptygmatis carpathica* (ZEUSCHNER), *Endoplocus staszycii* (ZEUSCHNER), *Endoplocus obtusiceps* (ZITTEL), *Phaneroptyxis rugifera* (ZITTEL), *Itieria globosa* FAVRE, *Aphanotaenia strigillata* (CREDNER), *Aptyxiella* (?) *rustica* FAVRE, and three species of *Diptyxis*.

Eunerinea hoheneggeri and *P. pseudobruntrutana* occur most frequently. *Diptyxis* specimens are also not rare.

These species form a significant component of the diceras-coral-nerineacean assemblage which is typical for the shallow-water carbonate platform of the northern Tethys during the Tithonian time.

However, the nerineaceans from the Ernstbrunn Limestone show similarities not only to the nerineaceans from other localities situated along the European margin, but also to the nerineaceans from Vardar zone and the Adria margin (Table 1).

Table 1

Dörfles Wieczorek, 1998	EUROPEAN MARGIN							Vardar zone	ADRIA MARGIN		
	Stram- berg	Inwald	Kruhel	Kelheim	Saleve	Herault	Wimmis		Plassen	Friuli	Sicily
<i>Eunerinea hoheneggeri</i>	+	+	+	+	+	+	+	+	+	+	
<i>Cryptoplocus</i> cf. <i>picteti</i>										+	
<i>Diptyxis</i>								+	+		
<i>Ptygmatis pseudo- bruntrutana</i>		+			+		+	+			
<i>P. carpathica</i>		+		+				+	+	+	
<i>Phaneroptyxis rugifera</i>								+			
<i>Endoplocus staszycii</i>	+	+	+		+	+		+	+	+	
<i>Endoplocus obtusiceps</i>			+					+			
<i>Itieria globosa</i>	+					+			+		
<i>Aphanotaenia strigillata</i>											

WIECZOREK J. 1998 -Nerineaceans from the Ernstbrunn Limestone (Tithonian, Austria).
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