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Plates 1–16

Plates 1–16 contain illustrations of the fossil material. Plates 1–10 show the holotype and paratype specimens of *Acanthodes gracilis* (Beurich, 1848) and *Acanthodes stambergi* n. sp. Plates 11–16 show the holotype and paratype specimens of *Acanthodes* sp. The plates are arranged in two columns. The first column contains plates 1–10 and the second column contains plates 11–16. The plates are numbered in the top left corner. The illustrations are in black and white. The plates are arranged in two columns. The first column contains plates 1–10 and the second column contains plates 11–16. The plates are numbered in the top left corner. The illustrations are in black and white.

The comparative material of *Acanthodes gracilis* (Beurich, 1848) is deposited in the Natural History Museum, Prague. The comparative material of *Acanthodes stambergi* n. sp. is deposited in the Natural History Museum, Prague. The comparative material of *Acanthodes* sp. is deposited in the Natural History Museum, Prague. The comparative material of *Acanthodes* sp. is deposited in the Natural History Museum, Prague.

1.2. STRATIGRAPHY AND FOSSIL MATERIAL

The stratigraphic position of the fossil material is shown in Fig. 1. The fossil material is deposited in the Lower Permian of the Czech Republic. The fossil material is deposited in the Lower Permian of the Czech Republic. The fossil material is deposited in the Lower Permian of the Czech Republic. The fossil material is deposited in the Lower Permian of the Czech Republic.

The comparative material of *Acanthodes gracilis* (Beurich, 1848) is deposited in the Natural History Museum, Prague. The comparative material of *Acanthodes stambergi* n. sp. is deposited in the Natural History Museum, Prague. The comparative material of *Acanthodes* sp. is deposited in the Natural History Museum, Prague.

Age	Biotope (see text)	Křižovice Formation Basin		Biskupský Újezd		Štěpánkovice Basin	
		Formation Member	Layer	Formation Member	Layer	Formation Member	Layer
			1, 2, 3		4, 5, 6, 7		1, 2, 3
Amurians	Chertová						
		Hnědá		Třesná			
Sakmians	<i>Acanthodes gracilis</i>	Prostřední	Upper	Ložnice	Upper		
Sakmians	<i>Acanthodes gracilis</i>		Lower		Lower		
		Vrcholová	Upper	Vrcholová	Upper	Černošický	Upper
			Lower	Patoučov		Černošický	Lower

Fig. 1. Occurrence of Lower Permian acanthodes in the Czech Republic. Stratigraphy of all basins is based on Přibor et al. (2001), except 1 – *Acanthodes gracilis*, basins 2 – *Acanthodes stambergi* n. sp., basins 3 – *Acanthodes* sp., basins of *Acanthodes* sp. were not found in the Česká Kamenice Basin.