

# “Paradoxides Bohemicus” trilobite



- Date of production The Middle Cambrian
- Place of discovery Jinec (Jince), the Czech Republic
- Dimensions height: 14 cm, length: 18 cm, width: 3 cm
- ID no. ZNG PAN D-I-11/1
- Museum [The Geological Museum of the Institute of Geological Sciences, Polish Academy of Sciences](#)
- Subjects [nature](#), [excavated from the earth](#)
- Material [fossil](#)
- Acquired date 1956, donated by Stanisław Czarnecki
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The *Paradoxides bohemicus* trilobite is a representative of the oldest extinct arthropods which appeared in the Cambrian and were extinct in the Permian.

Trilobites were sea animals. Their oval and flattened body was covered with a chitinous carapace on the dorsal side. A trilobites' carapace consisted of three segments and visible body parts: a head, trunk and tail. Each of these parts could have thorns. Trilobites of the *Paradoxides* genus had a small disc of head and tail, and a long disk of trunk, which is clearly visible in the presented specimen.

In the Cambrian, trilobites were the most numerous group of animals. Individual species were short-lived, and the process of evolution progressed fast; hence they are perfect index fossils (when they are found in the layer of rocks, it is possible to determine the absolute age of those rocks). In the case of trilobites of the *Paradoxides* genus, they date back to about 509–497 million years ago (the Middle Cambrian period). The presented specimen comes from Jince, the town in the present Czech Republic.

Elaborated by Barbara Kietlińska-Michalik (The Geological Museum of the Institute of Geological Sciences, Polish Academy of Sciences), editorial team of Małopolska's Virtual Museums, © all rights reserved

#### Bibliography:

Franciszek Bieda, *Paleozoologia*, vol. I, Warsaw 1966;  
Urszula Radwańska, *Podstawy paleontologii*, Warsaw 2007.