

1. Topic: Life Events - Burgess Shale: What it is, how old it is, and the unique types of organisms that are preserved.

Burgess Shale is a fossil-bearing shale deposit found in the Canadian Rockies.

The fossil deposit is 508 million years old.

*Narzoia Compacta*



*Microdina Burgessensis*



*Pikaia gracilens*



This is a rough rendering of a fossil of *Ottoia*, a soft-bodied worm commonly found in Burgess Shale.

Burgess Shale is especially famous for its preservation of the soft parts of organisms in its fossils, thereby providing a good depiction of life at the end of the Cambrian Explosion. These organisms include algae, cyanobacteria, and chidaria.