

Mondrepuis Formation – MON

Authors: Thorent, 1839; Mailleux, 1927; Meilliez & Blicck, 1994b; Godefroid, 1995a.

Description: Blauw shales with disseminated quartz grains (detrital or volcanic). Some sandstone layers are interbedded in the first basal meters of the series. The abundance of fossils (lamellibranchs, brachiopods, ostracods, tentaculites, bryozoans, trilobites, crinoids) confirms its marine character.

Stratotype: There is no continuous section at Mondrepuis (France). The best section (although much degraded) is situated at Haybes (France), in the Bois du Ridoux.

Area: Southern border of the Dinant Synclinorium and northern part of the Ardenne Anticlinorium.

Thickness: Probably 175 m at the Bois du Ridoux. Thickness and facies change S of Hargnies, due to synsedimentary faults.

Age: Late Pridolian at Muno (occurrence of *Dayia shirleyi*) - Early Lochkovian (R Subzone of the MN Opper Miospore Biozone).