

National Commission for Stratigraphy Belgium

Home Lower Paleozoic Devonian Carboniferous Permian/Triassic/Jurassic Cretaceous Paleogene-Neogene Quaternary
News RegWal Alteration units

3.1.4 Vittrival-Bruyère Formation - VTB

Lower Paleozoic

[Commission members](#)
[Proposals and discussion](#)
[Lithostratigraphy](#)
[Chronostratigraphy](#)

Authors: Maillieux, 1926a; emend. Michot, 1954.

Description: Blackish, silky and fine micaceous shale with quartzite intercalations and graptolites (Maillieux, 1926a); micaceous pelitic unit (Michot, 1928); the higher part contains clayey quartzitic sandstone in thick beds, covering black or blue shale with intercalations of black or dark coloured mudstone, siltstone and fine sandstone.

Stratotype: outcrops in the river bed of the Ruisseau Le Treko, west of the hamlet La Bruyère, 500 to 1050 m east of the church of the village Vittrival.

Area: Condroz inlier; possibly the Oxhe Fm is a lateral equivalent or synonym for the unit in the Oxhe inlier.

Thickness: Not estimated yet, except for the upper part with quartzite beds: 20-30 m.

Age: Graptolites in a locality at Vittrival-Bruyère in the upper part of the unit indicate the *Climacograptus peltifer* biozone (Maillieux, 1933). A restudy of the fauna by Bulman (1950) confirmed the presence of the *Climacograptus peltifer* biozone (now equivalent to the *foliaceus* biozone), which is situated in the uppermost Costonian to lower Longvillian substages, uppermost Aurelucian and most of the Burrellian stages, Caradoc (Fortey et al., 1995).

(J. VERNIERS)

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