

National Commission for Stratigraphy Belgium

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3.1.2 Huy Formation - HUY

Lower Paleozoic

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Authors: Malaise, 1888, 1910; Martin, 1969a; Servais & Maletz, 1992.

Description: Black, silky, finely micaceous shale, with cone-in-cone structures and white-veined blackish quartzite beds (Malaise, 1900); fine-grained and slightly micaceous black slate or shale (Martin, 1969a); dark or greyish black graptolitic mudstone (Servais & Maletz, 1992).

Stratotype: Huy, Meuse valley, in the railway sections east and west of the tunnel between the stations of Huy(-Nord) and Huy-Statte.

Area: Condroz inlier; at Sart-Bernard and at Huy-Statte; in the Wépion borehole the black shale with *Didymograptus bifidus* rests conformably on the Wépion Fm (Graulich, 1961).

Thickness: >150 m (Michot, 1957); >120 m Wépion borehole (Graulich, 1961).

Age: Graptolites were first attributed completely to the *Didymograptus bifidus* biozone (lower Llanvirn) (Maillieux, 1926a), but later some lower levels were placed lower down in the top of *Didymograptus hirundo* biozone (Fennian, late Arenig) (Bulman, 1950); restudy and recollection of the graptolites proved beyond doubt the presence of pendent didymograptids, ranging only in the Abereiddian part of the Llanvirn, other species indicate the *D. artus* Biozone, lower Abereiddian, lower Arenig (Servais & Maletz, 1992); the characteristic acritarch assemblage indicates a Late Arenig to Early Llanvirn age according to Martin (1965, 1969a) while the rich assemblages studied by Servais and Maletz (1992) restrict the range to the Llanvirn only.

Remarks: Synonyms: Schistes de Huy et de Sart-Bernard (Malaise, 1900); Assise de Huy; possibly synonym of the Sart-Bernard Fm (Michot, 1954; Martin, 1969a), but this is not accepted in Servais and Maletz (1992).

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