

Summarised description

Unit name

Bois de Chaumont Formation

Code

BCH

Status

Formal Formation

Parent unit

none

Child units

none

Characteristic description

Conglomerate of pebbles of quartz and quartzite, greenish sandstone, and greenish to blueish siltstone and shale.

Age

Late Lochkovian

Thickness

c. 20 m

Area of occurrence

Very locally in the Haine–Sambre–Meuse Overturned Thrust sheets.

Type locality

Discontinuous outcrops in the Bois de Chaumont between Presles and Le Roux.

Alternative names

none

Authors

Delcambre & Pingot (2014)

Modified after

Denayer, J. & Mottequin, B., 2024. Lower Devonian lithostratigraphy of Belgium. *Geologica Belgica*, 27/3-4, 115–154.

Date

23/09/2025

Cite as

Denayer, J. & Mottequin, B., 2025. The Bois de Chaumont Formation, 23/09/2025. National Commission for Stratigraphy Belgium. <https://ncs.naturalsciences.be/lithostratigraphy/Bois-de-Chaumont-Formation>

Full description

Unit name

Bois de Chaumont Formation

Code

BCH

Status

Formal Formation

Parent unit

none

Child units

none

Origin of the name

Section located in the Bois de Chaumont south-east of the village of Presles, *Formation du Bois de Chaumont* in Delcambre & Pingot (2014, p. 23). The Bois de Presles Formation (*Formation du Bois de Presles*, as the Bois de Presles is the disused name for the Bois de Chaumont) was introduced by Sorel et al. (2013, p. 16–17) but was based on the unpublished version of the Tamines–Fosses-la-Ville geological map of Delcambre & Pingot (2014). In the meantime, the latter author modified this name, because it was preoccupied for a member of the Ordovician Fosses Formation (e.g. Martin, 1969; Verniers et al., 2002).

Alternative names

none

Authors

Formation du Bois de Chaumont in Delcambre & Pingot (2014, p. 23).

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Characteristic description

This unit begins with a conglomerate formed by millimetre- to decimetre-sized pebbles of quartz and quartzite, followed by beds of greenish sandstone, and greenish to blueish siltstone and shale.

Area of occurrence

The Bois de Chaumont Formation is known only from its type locality, in the Haine–Sambre–Meuse Overturned Thrust sheets, i.e. north of the Midi–Eifel Fault. Whereas its facies is reminiscent of that of the Fooz Formation known from the Dinant Synclinorium, the thermic maturity of the

palynomorphs suggests that this unit is structurally closer to those of the Condroz Inlier, which is located to the north of the Midi–Eifel Fault (Steenmans, 1994). Furthermore, it cannot be ruled out that it is an isolated outlier of the Fooz Formation.

Type locality

Discontinuous outcrops in the Bois de Chaumont (also named Bois de Presles), between Presles and Le Roux.

Age

Late Lochkovian, Siß Interval Zone (Steenmans, 1994), i.e. an age equivalent of the Fooz to Bois d'Ausse formations.

Thickness

C. 20 m.

Lower boundary

Basal conglomeratic bed.

Upper boundary

No outcrop shows the upper boundary.

Regional correlations

It cannot be ruled out that it is an isolated outlier of the Fooz Formation.

References

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