

Summarised description

Unit name

Bois des Collets Member

Code

BCO

Status

Formal Member

Parent unit

Wépion Formation

Child units

none

Characteristic description

Very coarse-grained to conglomeratic sandstone beds separated by shale.

Age

Emsian

Thickness

40 metres in the type locality

Area of occurrence

North and eastern margins of the Dinant Synclinorium, up to the Mormont Fault.

Type locality

Abandoned Bois des Collets quarry at Wépion in the Meuse River valley.

Alternative names

Poudingue du Bois des Collets

Authors

Stainier (1851)

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 des Collets Member, 23/09/2025. National Commission for Stratigraphy Belgium. <https://ncs.naturalsciences.be/lithostratigraphy/Bois-des-Collets-Member>

Full description

Unit name

Bois des Collets Member

Code

BCO

Status

Formal Member

Parent unit

Wépion Formation

Child units

none

Origin of the name

After Les Collets locality in Wépion, in the Meuse River valley

Alternative names

Poudingue du Bois des Collets

Authors

Stainier (1891, p. M44) : *Poudingue du Bois des Collets*

Modified after

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

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Characteristic description

The **Bois des Collets Member** (*Poudingue du Bois des Collets* in Stainier, 1891, p. M44) consists of very coarse-grained to conglomeratic sandstones that are separated by shales. The siliciclastic rocks of this member are all ferruginous, cellular and green. The coarse-grained and conglomeratic beds are more and more frequent upsection, marking the coarsening-upward trend that culminates in the overlying Burnot Formation.

Area of occurrence

North and eastern margins of the Dinant Synclinorium, up to the Mormont Fault (van Tuijn, 1927), where it passes to the Vireux Formation (Marion & Barchy, in press). According to Asselberghs (1946), the Bois des Collets Member is observed from Binche to the Fond d'Oxhe, south-east of Ombret.

Type locality

On both sides of the Meuse River valley, at Dave and Wépion. abandoned Bois des Collets quarry at Wépion displays the upper part of the Formation. The contact with the overlying Burnot Formation is

observed south of the southernmost quarry located at Wépion, near the ruins of an old masonry building (Delcambre & Pingot, 2017).

Age

Emsian AB Zone (Steemans, 1989).

Thickness

The Member is 40 metres in the type locality (Stainier, 1994).

Lower boundary

First bed of coarse-grained sandstone and conglomerate overlying the Grand Ri Member.

Upper boundary

Below the first bed of reddish sandstone or conglomerate of the overlying Burnot Formation.

Regional correlations

In the Aisne River valley, the Wépion Formation passes laterally to the Vireux Formation (Marion & Barchy, in press).

References

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Marion, J.-M. & Barchy, L. in press. Carte géologique de Wallonie : Hamoir – Ferrières 49/5-6. 1/25 000. Service public de Wallonie, Agriculture, Ressources naturelles et Environnement, Namur, and its explanatory booklet.

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Van Tuijn, J.F., 1927. Le Couvinien et la partie supérieure de l'Eodévonien du bord oriental du Synclinorium de Dinant entre l'Ourthe et Ferrières. Mémoires de l'Institut géologique de l'Université de Louvain, 4, 103–262.