Summarised description

Unit name

Bois de Bordeaux Group

Code

BOR

Status

Formal Group

Parent unit

none

Child units

Mautiennes Formation, Alvaux Formation, Bois du Planti Formation, Mazy Formation

Characteristic description

Carbonate unit intercalated between two siliciclastic units, the upper one being reddish, the carbonate unit passes laterally to siliciclastics.

Age

Givetian

Thickness

130 m in the type section

Area of occurrence

Margin of Brabant Parautochthon.

Type locality

The type section of the group is a composite section along the path on the eastern side of the Orneau River between the hamlet of Les Mautiennes and the village of Mazy (Delcambre & Pingot, 2008).

Alternative names

none

Authors

Lacroix (1991)

Modified after

Denayer, J., Coen-Aubert, M., Marion, J.-M. & Mottequin, B., 2024. Middle Devonian lithostratigraphy of Belgium. Geologica Belgica, 27/3-4, 155–192.

Date

23/09/2025

Cite as

Denayer, J., Coen-Aubert, M., Marion, J.-M. & Mottequin, B., 2025. The Bois de Bordeaux Group, 23/09/2025. National Commission for Stratigraphy Belgium. https://ncs.naturalscienes.be/lithostratigraphy/Bois-de-Bordeaux-Group

Full description

Unit name

Bois de Bordeaux Group

Code

BOR

Status

Formal Group

Parent unit

none

Child units

Mautiennes Formation, Alvaux Formation, Bois du Planti Formation, Mazy Formation

Origin of the name

After the Bois de Bordeaux, between Les Mautiennes and Mazy in the Orneau River valley.

Alternative names

none

Authors

Lacroix (1991, p. 81) *: Formation du Bois de Bordeaux*

Modified after

Denayer, J., Coen-Aubert, M., Marion, J.-M. & Mottequin, B., 2024. Middle Devonian lithostratigraphy

Date

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Denayer, J., Coen-Aubert, M., Marion, J.-M. & Mottequin, B., 2025. The Bois de Bordeaux Group, 23/09/2025. National Commission for Stratigraphy Belgium. https://ncs.naturalscienes.be/lithostratigraphy/Bois-de-Bordeaux-Group

Characteristic description

The group is a three-fold assemblage consisting of a carbonate unit intercalated between two siliciclastic and usually reddish units. From the base to the top, the Group is composed of the Mautiennes, Alvaux and Mazy formations. In the western part of the Brabant Parautochthon, the middle formation is replaced by the Bois du Planti Formation. In the eastern part of the Parautochthon, the distinction between these units is not obvious as the carbonate middle part is reduced (Delcambre & Pingot, 2014), or possibly lacking.

Area of occurrence

The Bois de Bordeaux Group is present all along the northern margin of the Brabant Parautochthon from the Mehaigne River valley to the Dyle River valley.

Type locality

The type section of the group is a composite section along the path on the eastern side of the Orneau River between the hamlet of Les Mautiennes and the village of Mazy (Delcambre & Pingot, 2008).

Age

Givetian, see individual formations.

Thickness

In the type section, the Formation is 130 m thick (Delcambre & Pingot, 2008) but it decreases rapidly westwards and eastwards (Hennebert & Eggermont, 2002; Delcambre, 2023) and thins out in the Mehaigne River valley (Delcambre & Pingot, 2014).

Lower boundary

First conglomeratic bed resting on the Brabant Inlier.

Upper boundary

Below the first carbonate bed of the overlying Bovesse Formation.

Regional correlations

The transition between the Alvaux Formation and the Bois du Planti Formation, described by Lacroix (1991), occurs between the Dyle River and Samme River valleys (Delcambre & Pingot, 2008; Hennebert & Eggermont, 2002). The Bois de Bordeaux Group correlates with the Booischot Formation of the Campine Basin (Lagrou & Coen-Aubert, 2017).

References

Delcambre, B., 2023. Carte géologique de Wallonie : Andenne – Couthuin 48/1-2. 1/25 000. Service public de Wallonie, Agriculture, Ressources naturelles et Environnement, Namur, and its explanatory booklet, 162 p.

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