

## Summarised description

**Unit name**

Bois Godiau Formation

**Code**

BGD

**Status**

Formal Formation

**Parent unit**

None

**Child units**

None

**Characteristic description**

Conglomerate with reddish sandy or argillaceous matrix.

**Age**

Late Emsian to Eifelian

**Thickness**

A few metres

**Area of occurrence**

Very locally in the Haine-Sambre-Meuse Overturned Thrust Sheets.

**Type locality**

Bois Godiau, near Bouffioux in the Bième River valley.

**Alternative names**

None

**Authors**

Delcambre & Pingot (2000)

**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 Godiau Formation, 23/09/2025. National Commission for Stratigraphy Belgium. <https://ncs.naturalsciences.be/lithostratigraphy/Bois-Godiau-Formation>

## Full description

### Unit name

Bois Godiau Formation

### Code

BGD

### Status

Formal Formation

### Parent unit

None

### Child units

None

### Origin of the name

Section at the Bois Godiau (or Godeau) locality, south of Bouffioulx.

### Alternative names

none

### Authors

Delcambre & Pingot (2000, p. 17): *Formation de Bois Godiau*

### 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 Godiau Formation is a thick conglomerate with centimetre- to decimetre-sized pebbles of quartz, quartzite and dark slate embedded in a reddish sandstone or argillaceous sandstone matrix. This conglomerate rests unconformably on the Silurian basement.

### Area of occurrence

The Formation is only known from the type locality situated in the Haine–Sambre–Meuse Overturned Thrust sheets, i.e. north of the Midi–Eifel Fault. It could be an isolated outlier of the Rivière Formation (Middle Devonian).

### Type locality

Western bank of the Bième River valley, south of Bouffioulx near the Bois Godiau locality.

### Age

Late Emsian or Eifelian. Up to now, no dating element has been found in the conglomerate.

**Thickness**

Unknown with accuracy as only a couple of metres crop out in the type locality.

**Lower boundary**

Basal unconformity on top of Silurian shale.

**Upper boundary**

Unknown.

**Regional correlations**

Based on the facies, de Dorlodot (1890, 1893) correlated it with the Naninne Conglomerate of the Middle Devonian Rivière Formation (see Denayer et al., 2024).

**References**

de Dorlodot, H., 1890. Exposé sur la constitution géologique de la région sud du Bassin de Namur à l'ouest de la Meuse. In *Compte rendu des excursions de la session extraordinaire de la Société belge de Géologie, de Paléontologie et d'Hydrologie à Namur, les 15 et 16 août 1889*. Bulletin de la Société belge de Géologie, de Paléontologie et d'Hydrologie, 3/7 (pro 1889), Mémoires, 484–524.

de Dorlodot, H., 1893. Recherches sur le prolongement occidental du Silurien de Sambre-et-Meuse et sur la terminaison orientale de la faille du Midi. *Annales de la Société géologique de Belgique*, 20, Mémoires, 289–424.

Delcambre, B. & Pingot, J.-L., 2000. Carte géologique de Wallonie : Fontaine-l'Évêque – Charleroi 46/7-8. 1/25 000., Service public de Wallonie, Direction générale des Ressources naturelles et de l'Environnement, Namur, and its explanatory booklet, 114 p.

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