

Summarised description

Unit name

Masuis Member

Code

MAS

Status

Formal Member

Parent unit

Bois d'Ausse Formation

Child units

none

Characteristic description

Lenticular beds of light grey to grey-beige quartzitic sandstone and arkosic sandstone with grey shale interbeds.

Age

Pragian

Thickness

C. 30 m

Area of occurrence

The northern and eastern flanks of the Dinant Synclinorium.

Type locality

Section in the Tréko River valley at Vitrival.

Alternative names

None

Authors

Dejonghe et al. (1994)

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

Full description

Unit name

Masuis Member

Code

MAS

Status

Formal Member

Parent unit

Bois d'Ausse Formation

Child units

None

Origin of the name

Bois des Masuis in the Tréko River valley near Vitrival.

Alternative names

None

Authors

Membre du Tréko in Dejonghe et al. (1994, p. 107)

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 Masuis Member comprises lenticular beds of light grey to grey-beige quartzitic sandstone and arkosic sandstone that are separated by centimetric to decametric beds of grey shale. Some of the quartzite beds include shaly pebbles and plant fragments.

Area of occurrence

The member is recognised on the northern and eastern flanks of the Dinant.

Type locality

Section in the Tréko River valley section at Vitrival (Dejonghe et al., 1994).

Age

Lochkovian (Steemans, 1989)

Thickness

It reaches 30 m at the stratotype (Dejonghe et al., 1994)

Lower boundary

First quartzitic bed overlying the greenish and reddish sandstone of the underlying Tréko Member

Upper boundary

First reddish sandstone beds of the overlying Acoz Formation.

Regional correlations

East of the Hoyoux valley, the distinction of that member is uneasy.

References

Dejonghe, L., Hance, L. & Steemans, P., 1994. BAU - Formation du Bois d'Ausse. In Godefroid, J. et al., Les formations du Dévonien inférieur du Massif de la Vesdre, de la Fenêtre de Theux et du Synclinorium de Dinant (Belgique, France). Mémoires pour servir à l'Explication des Cartes géologiques et minières de la Belgique, 38, 107–111.

Steemans, P., 1989. Étude palynostratigraphique du Dévonien inférieur dans l'Ouest de l'Europe. Mémoires pour servir à l'Explication des Cartes géologiques et minières de Belgique, 27, 1–453.