

Summarised description

Unit name

Staneux Member

Code

STN

Status

Formal Member

Parent unit

Wépion Formation

Child units

none

Characteristic description

Whitish coarse-grained quartzitic sandstone with thin shaly interbeds.

Age

Emsian

Thickness

0 to 50 metres

Area of occurrence

Theux Window.

Type locality

Quarry in Staneux in the Hoegne Meuse River valley.

Alternative names

Grès de Staneux

Authors

Asselberghs (1954)

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

Full description

Unit name

Staneux Member

Code

STN

Status

Formal Member

Parent unit

Wépion Formation

Child units

none

Origin of the name

After the village of Staneux in the Hoegne Meuse River valley.

Alternative names

Grès de Staneux

Authors

Asselberghs (1954, p. 106) : *Grès de Staneux*

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 Staneux Member is a unit of whitish coarse-grained quartzitic sandstone with thin shaly interbeds develops laterally to the sandstone.

Area of occurrence

The Staneux Member is only known from the Theux Window.

Type locality

The Staneux Member is exposed in the eponymous quarry, south of Theux (Marion et al., in press).

Age

The Staneux Member yielded an assemblage indicative of the Su to AB zones, i.e. an age slightly older than the Wépion Formation in the Meuse River valley (Steenmans, 1987).

Thickness

In the Theux Window, the Member reaches 50 m but thins out to 0 m.

Lower boundary

First thick white sandstone bed overlying the red shale and siltstone of the underlying Acoz Formation.

Upper boundary

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

Regional correlations

The Staneux Member is only known from the Theux Window

References

Asselberghs, E., 1954. L'Eodévonien de l'Ardenne. In Fourmarier, P. (ed.), *Prodrome d'une description géologique de la Belgique*. Société géologique de Belgique, Liège, 83–116.

Marion, J.-M., Geukens, F., Lamberty, P. & Mottequin, B., in press. Carte géologique de Wallonie : Louveigné – Spa 49/3-4. 1/25 000. Service public de Wallonie, Agriculture, Ressources naturelles et Environnement, Namur, and its explanatory booklet.

Steemans, P., 1987. Révision de l'âge des quartzites blancs de la coupe du Wayai (Km 7, Massif de Theux, Belgique) et implications paléogéographiques. *Annales de la Société géologique de Belgique*, 110/2, 363–369.