

Turkeyland Member

From Earthwise

[Jump to navigation](#) [Jump to search](#)

Contents

- [1 Turkeyland Member \(TURK\), Carboniferous, Northern England Province](#)
 - [1.1 Name](#)
 - [1.2 Lithology](#)
 - [1.3 Genetic interpretation](#)
 - [1.4 Stratotype](#)
 - [1.5 Lower and upper boundaries](#)
 - [1.6 Thickness](#)
 - [1.7 Distribution and regional correlation](#)
 - [1.8 Age](#)
- [2 References](#)

Turkeyland Member (**TURK**), Carboniferous, Northern England Province

Turkeyland Member is a member of the [Derbyhaven Formation](#) and part of the [Great Scar Limestone Group](#)

Name

The Turkeyland Member was named and defined by Dickson et al. (1987^[1]). See also Lamplugh (1903^[2]).

Lithology

Limestone, typically an ooidal and bioclastic grainstone, dolomitic, grey, stylolitic, well-sorted, fossiliferous, with relict cross-bedding, wave ripples and hummocky cross-bedding and rare claystone partings.

Genetic interpretation

The unit is interpreted as a transgressive, high energy, shallow marine facies deposited on a carbonate ramp.

Stratotype

A partial type section occurs in natural foreshore exposures between Derbyhaven and Langness Point (SC 2804 6595 to 2849 6672): specifically 1 km north-east of Langness Point, at a point marked on the 1:50 000 scale Ordnance Survey Map as Creg Inneen Thalleyr (SC 281 659). These represent discontinuous exposures through the entire thickness of the member (see Chadwick et al., 2001^[3]).

Lower and upper boundaries

The base of the Turkeyland Member is poorly defined. It rests directly on sandstones of the Langness Conglomerate Formation on the foreshore of the Langness Peninsula (SC 2820 6607), although exposures are discontinuous and poorly exposed. It was formerly exposed at the now infilled Turkeyland Quarry (SC 2950 6940), where Dickson et al. (1987^[1]) recorded it resting directly on conglomerates of the Langness Conglomerate Formation.

The top of the Turkeyland Member is poorly exposed on the foreshore at Derbyhaven (SC 2835 6653) where it is overlain by the Sandwick (Isle of Man) Member of the Derbyhaven Formation. The boundary is gradational, taken at the change from limestone to limestone with interbedded claystones.

Thickness

Between 18 and 25 m.

Distribution and regional correlation

The member occurs in the southern part of the Isle of Man, to the south-east of Castletown, from Derbyhaven (SC 2907 6806) to Creg Inneen Thalleyr (SC 2804 6595). Viséan rocks in the northern part of the island are entirely concealed and it is not known whether it is present there.

Age

Arundian.

References

- ↑ ^[1] Dickson, J A D, Ford, T D, and Swift, A.1987.The strati-graphy of the Carboniferous rocks around Castletown, Isle of Man.*Proceedings of the Yorkshire Geological Society*, Vol. 46, 203-229.
- ↑ Lamplugh, G W.1903.The geology of the Isle of Man.*Memoir of the Geological Survey of Great Britain*.
- ↑ Chadwick, R A, Jackson, D I, Barnes, R P, Kimbell, G S, Johnson, H, Chiverrell, R C, Thomas, G S P, Jones, N S, Riley, N J, Pickett, E A, Young, B, Holliday, D W, Ball, D F, Molyneux, S G, Long, D, Power, G M, and Roberts, D H.2001.The geology of the Isle of Man and its offshore area.*British Geological Survey Research Report*, RR/01/06.

Retrieved from 'http://earthwise.bgs.ac.uk/index.php?title=Turkeyland_Member&oldid=52871'
Category:

- [Carboniferous lithostratigraphical nomenclature](#)

Navigation menu

Personal tools

- Not logged in
- [Talk](#)

- [Contributions](#)
- [Log in](#)
- [Request account](#)

Namespaces

- [Page](#)
- [Discussion](#)

Variants

Views

- [Read](#)
- [Edit](#)
- [View history](#)
- [PDF Export](#)

More

Search

Navigation

- [Main page](#)
- [Recent changes](#)
- [Random page](#)
- [Help about MediaWiki](#)

Tools

- [What links here](#)
- [Related changes](#)
- [Special pages](#)
- [Permanent link](#)
- [Page information](#)
- [Cite this page](#)
- [Browse properties](#)

• This page was last modified on 26 July 2021, at 15:54.

- [Privacy policy](#)
- [About Earthwise](#)

- [Disclaimers](#)

