

# Tambowie Lava Member

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## Tambowie Lava Member ([TBLA](#)), Kilpatrick Hills, Carboniferous, Midland Valley of Scotland

The Tambowie Lava Member is part of the [Clyde Plateau Volcanic Formation](#).

### Name

Previously named the Tambowie Lavas (Hall et al., 1998)<sup>[1]</sup>.

### Lithology

Mainly olivine-microphyric basalt ('Dalmeny' type) interbedded with mugearite. Distal facies characteristics such as lava toes and thin reddened lavas with interbedded boles are well developed near Edinbarnet (NS 503 745). The highest flow seen in the Douglas Muir area (NS 525 751) is an olivine-clinopyroxene-plagioclase-macrophyric basalt ('Dunsapie' type) with an unusual cumulate texture.

### Stratotype

The type area is the Kilpatrick Hills in limited extent between Tambowie (NS 525 755) and Muirhouses (NS 506 754).

### Lower and upper boundaries

The Tambowie Lava Member is underlain by the predominantly plagioclase-macrophyric basalts ('Markle' type) of the [Mugdock Lava Member](#).

The Tambowie Lava Member is the youngest unit in the [Clyde Plateau Volcanic Formation](#) of the Kilpatrick Hills. It is overlain by the sedimentary rocks of the [Lawmuir Formation](#) and [Kirkwood Formation](#) ([Strathclyde Group](#)).

## Thickness

Maximum 30 m.

## Distribution and regional correlation

Only present in the southern part of the Kilpatrick Hills area, from east of Tambowie (NS 525 755) west to Muirhouses (NS 506 754), and north of Cochno (NS 497 745). Absent from the north-east end of the Kilpatrick Hills around Mugdock (NS 56 77), and not present in the south-west of the Kilpatrick Hills area where it may be cut out by faulting. The lavas were possibly derived from the south or south-east.

## Age

Mid Visean (Arundian to Asbian).

## References

- ↑ Hall, I H S, Browne, M A E, and Forsyth, I H. 1998. Geology of the Glasgow district. *Memoir of the British Geological Survey*, Sheet 30E (Scotland)

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