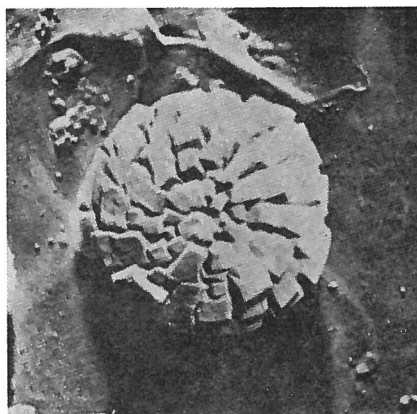


**Alvearium dorsetense** BLACK, 1965



5

Fig. 5 — *Alvearium dorsetense* sp. nov., holotype, x 8000.

**Description:**

As for the genus.

(This species has been named and figured in 1965; description of the genus and remarks have been given in 1967).

**Remarks:**

The component crystals, usually between 80 and 90 in number, are piled round the central axis of the hemisphere, and show a crude alignment into 15–20 radial sectors. This structure is quite unlike that seen in any other known coccoliths. *Schizosphaerella*, which also has a circular outline and has been reported from the Lias of Dorset, is globular rather than hemispherical, and has an entirely different structure under the electron-microscope.

Dimensions of holotype: Diameter at base 4.0  $\mu$ ; height 3.0  $\mu$ .

**Type level:**

Lower Lias (Hettangian, zone of *Schlotheimia angulata*).

**Type locality:**

Chideock, Dorset, England.

**Depository:**

Sedgwick Museum, Cambridge, Collection of electron-micrographs, Holotype 13023.

**Author:**

Black M., 1965 (name and figure of holotype), p. 133, fig. 5. 1967 (description), p. 139.

**Reference:**

1965, Coccoliths. Endeavour, vol. 24, pp. 131-137, text-figs. 1-25.

1967, New names for some coccolith taxa. Proc. Geol. Soc. London, n° 1640, pp. 139-145, text-figs. 1-4.