

PLATE XXV.

Illustrates various phases assumed by glauconite in existing oceans.

- Fig. 1. Glauconitic casts and particles from off the coast of Australia, as seen between crossed nicols, showing aggregate polarisation. Little green and blue points form a very fine mosaic on a brownish-coloured ground. Station 164B; 410 fathoms. South Pacific (magnified 50 diameters).
- Fig. 2. Glauconite-like particle of a brown-green colour. The mammillated surface is quite like a typical glauconitic grain, but this particular grain appears to be an altered rock fragment.
- Fig. 3. Particle of a lighter colour than the preceding, but having apparently a similar origin.
- Fig. 4. Specimen of *Globigerina bulloides* filled with a glauconitic cast.
- Fig. 5. Specimen of *Truncatulina refulgens* filled with glauconitic cast.
- Fig. 6. Specimen of *Miliolina seminulum* filled with cast.
- Fig. 7. Specimen of *Uvigerina pygmaea* filled with cast.
- Figs. 8 and 9. Casts of *Orbulina universa*.
- Fig. 10. Cast of *Anomalina coronata*.
- Fig. 11. Cast probably formed in the interior of *Orbulina universa*.
- Fig. 12. Specimen of *Globigerina pachyderma* filled with cast.
- Fig. 13. Cast of *Polystomella arctica*.
- Fig. 14. Cast of *Anomalina coronata*.