

PLATE V.

Figs. 1-3. *Cacospongia levis*, n. sp.

- Fig. 1. Portion of the skeleton ; natural size.
- Fig. 2. A longitudinal section through it, . . . . . × 4
- Fig. 3. Portion of a section through parenchyma, . . . . . × 300

Figs. 4-6. *Coscinoderma altum*, n. sp.

- Fig. 4. Portion of the skeleton ; natural size.
- Fig. 5. A transverse section of it, . . . . . × 4
- Fig. 6. Portion of a section through parenchyma, . . . . . × 130

Figs. 7-9. *Carteriospongia radiata*, Hyatt.

- Fig. 7. A peripheral segment of the skeleton, . . . . . × 4
- Fig. 8. Portion of a section through parenchyma, . . . . . × 300
- Fig. 9. A sperm-ball and some mesodermic cellular elements, . . . . . × 600