

PLATE VI.

- Fig. 1. Portion of the skeleton of *Euspongia officinalis*, var. *lobosa*, nov.; natural size.
- Fig. 2. The same of *Hippospongia anomala*, n. sp.; natural size.
- Fig. 3. The same of *Hippospongia mauritiana*, Hyatt (*a*, from above; *b*, from the plane of section); natural size.
- Fig. 4. The same of *Coscinoderma denticulatum*, n. sp.;  $\times 5$ .
- Fig. 5. The same of *Cacospongia amorphia*, n. sp.; natural size.
- Fig. 6. The same of *Cacospongia procumbens*, n. sp.;  $\times 2$ .
- Fig. 7. The same of *Cacospongia intermedia*, n. sp.; natural size.
- Fig. 8. The same of *Cacospongia murrayi*, n. sp.; natural size.
- Fig. 9. The same of *Cacospongia vesiculifera*, n. sp.; natural size.
- Fig. 10. The same of *Cacospongia irregularis*, n. sp.; natural size.
- Fig. 11. The same of *Cacospongia compacta*, n. sp.; natural size.
- Fig. 12. The same of *Cacospongia spinifera*, n. sp.; natural size.
- Fig. 13. The same of *Cacospongia oligoceras*, n. sp.;  $\times 2$ .
- Fig. 14. The same of *Cacospongia dendroides*, n. sp.; natural size.
- Fig. 15. The same of *Stelospongos longispinus*, Duch. and Mich.; natural size.