

PLATE IV.

- Fig. 1. *Coasmarium Cucumis* Ralfs, $\times 500$.
 Fig. 2. " *Subcucumis* Schmidle, $\times 500$.
 Fig. 3. " *punctulatum* Bréb. var. *subpunctulatum* (Nordst.) Borg.
 Fig. 4. " *trachyleurum* Lund. var. *minus*, Itacib., $\times 500$.
 Fig. 5. " *subtumidum* Nordst. var. *Klebsii* W. and G. S. West, $\times 500$.
 Fig. 6. " *binum* Nordst. forma, $\times 500$.
 Fig. 7. " *globosum* Bulnh., $\times 500$.
 Fig. 8. " *Staurastrum Reinschii* Roy, $\times 500$.
 Fig. 9. " *furcigerum* Bréb. An abnormal form with an extra unpaired process (x).
 Fig. 10. " *vestitum* Ralfs, $\times 500$. c' normal, c'' variation with additional process.
 Fig. 11. " *lunatum* Ralfs.
 Fig. 12. " *Brébissii* Archer, small spines at angles, $\times 500$.
 Fig. 13. " *Avicula* Bréb., $\times 500$.
 Fig. 14. " *pachyrhynchum* Nordst., $\times 500$.
 Fig. 15. *Oedogonium nodulosum* Wittr., $\times 300$.
 Fig. 16. *Closterium Cornu* Ehrenb., showing variation in size and shape, all $\times 500$.
 Fig. 17. *Nephroclytium obesum* W. West, $\times 500$.
 Fig. 18. *Gomphosphaeria aponina* Kütz., $\times 500$.

a, face view; b, side view; c, end view.