

PLATE IX.

	PAGE
Fig. 1. <i>Rhizochalina putridosa</i> , oxea from the interior of the sponge; × 325, .	34
Fig. 2. <i>Rhizochalina pedunculata</i> , strongyla from the dermal layer; <i>a, d</i> , adult; <i>b, c</i> , probably young forms, showing central inflation; × 325, .	35
Fig. 3. <i>Oceanapia robusta</i> ; <i>a, b, c</i> , oxea; <i>d</i> , sigmata; × 325,	37
Fig. 4. <i>Rhizochalina fistulosa</i> , oxea; <i>a, b</i> , adult; <i>c</i> , young; × 325,	32
Fig. 5. <i>Sideroderma navicelligerum</i> ; <i>a, b</i> , tylota; <i>c</i> , trichodragma; <i>d</i> , larger sigmata; <i>e</i> , smaller sigmata; <i>f</i> , minute isochelæ; × 175,	115
Fig. 6. <i>Rhizochalina pedunculata</i> , oxea from the interior of the sponge; × 325,	36
Fig. 7. <i>Rhizochalina putridosa</i> , portion of the end of a fistula, showing the arrangement of the spicules; <i>a</i> , fibres of the "bast" layer; <i>b</i> , tufts of spicules echinating them,	34
Fig. 8. <i>Sideroderma navicelligerum</i> , minute isochelæ, side and front views; × 1400,	116
Fig. 9. <i>Sideroderma navicelligerum</i> , portion of vertical section of rind, showing the alternating layers of spicules; <i>a</i> , cut ends of spicules; <i>b</i> , longitudinally placed spicules; <i>c</i> , outermost layer without spicules,	115