

	PAGE
Fig. 1. <i>Gellius glacialis</i> , oxeote spicule from dermal layer; $\times 180$,	41
Fig. 2. <i>Gellius calyx</i> , oxeote spicule from dermal layer; $\times 180$,	44
Fig. 3. <i>Gellius</i> sp., strongylote spicule; $\times 180$,	46
Fig. 4. <i>Gellius glacialis</i> , var. <i>nivea</i> , oxeote spicule; $\times 180$	42
Fig. 5. <i>Gellius flagellifer</i> , oxeote spicule; $\times 180$,	43
Fig. 6. <i>Gellius carduus</i> , var. <i>magellanica</i> , oxeote spicule; $\times 180$,	40
Fig. 7. <i>Gellius carduus</i> , strongylote spicule; $\times 180$,	39
Fig. 8. <i>Gellius lævis</i> , strongylote spicule; $\times 180$,	40
Fig. 9. <i>Gellius calyx</i> , sigmata; $\times 320$,	44
Fig. 10. <i>Gellius flagellifer</i> , sigma; $\times 320$,	43
Fig. 11. <i>Esperella murrayi</i> , sigmata; $\times 330$,	69
Fig. 12. <i>Gellius glacialis</i> , var. <i>nivea</i> , sigmata; $\times 320$,	42
Fig. 13. <i>Esperella murrayi</i> , diagrammatic vertical section across one of the crack-like pore-areas, showing the arrangement of the skeleton; <i>a</i> , pore-area; <i>b</i> , dermal skeleton; <i>c</i> , primary fibres; <i>d</i> , secondary fibres,	68
Fig. 14. <i>Esperella murrayi</i> , trichodragmata; $\times 260$,	69
Fig. 15. <i>Gellius glacialis</i> , sigmata; $\times 320$,	41
Fig. 16. <i>Esperella murrayi</i> , portion of a pore-area, seen from above, showing the arrangement of the surrounding skeleton, slightly diagrammatic; <i>a</i> , brushes of spicules fringing the margins of the crack; <i>b</i> , transverse bands of fibres; <i>c</i> , pores; <i>d</i> , spicules of the dermal skeleton. (The microsclera are not represented.) $\times 40$,	68
Fig. 17. <i>Esperella murrayi</i> , palmate anisochela from a rosette; $\times 500$,	69
Fig. 18. <i>Esperella murrayi</i> , stylus; $\times 180$,	69
Fig. 19. <i>Gellius glacialis</i> , portion of dermal layer, showing the arrangement of the spicules; $\times 62$,	41