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Figs. 1-4. *Eurete marshalli*, F. E. S., . . . .

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Fig. 1. A specimen, preserved in alcohol; natural size.,

Fig. 2. Transverse section of the tube-wall, showing the dictyonal skeleton and loose spicules in their natural position;  $\times 50$ .

Fig. 3. Oxyhexaster;  $\times 300$ .

Fig. 4. Dermal scopula with knobbed prongs;  $\times 300$ .

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Fig. 5. A specimen, preserved in alcohol; natural size.

Fig. 6. Transverse section of the tube-wall, showing the dictyonal skeleton and loose spicules in their natural position;  $\times 50$ .

Fig. 7. Discohexaster with knob-like terminal discs;  $\times 300$ .

Fig. 8. Dermal scopula with a break-like bend of the knobbed prongs;  $\times 300$ .

Figs. 9-13. *Eurete bowerbankii*, F. E. S., . . . .

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Fig. 9. A specimen, preserved in alcohol; natural size.

Fig. 10. Transverse section of the tube-wall, showing the dictyonal framework and loose spicules in their natural position;  $\times 50$ .

Figs. 11, 12. Dermal scopulæ with straight, knobbed prongs;  $\times 300$ .

Fig. 13. Oxyhexaster with long principal and short divergent terminal rays;  $\times 300$ .