

PLATE IX.

Figures 1-10.—*Eilhardia schulzei*, n. gen. and sp.

	Diam.
Fig. 1. Portion of a vertical section,	× 30
Fig. 2. One half of an osculum (from within),	× 75
Fig. 3. Portion of the sieve-like surface,	× 120
Fig. 4. Two parenchymal triradiate spicules ; (<i>b</i> , embryonal),	× 100
Fig. 5. (<i>a</i>) A triradiate spicule of the sieve-like surface,	× 50
(<i>b, c</i>) Two triradiate spicules of the convex surface,	× 50
(<i>d</i>) An oscular quadriradiate spicule,	× 50
Fig. 6. Three oscular triradiate spicules,	× 200
Fig. 7. Two slender acerate spicules of the convex surface,	× 100
Fig. 8. Five stout acerate spicules of the convex surface (<i>d, e</i> , embryonal),	× 100
Fig. 9. Two acerate spicules of the osculum,	× 100
Fig. 10. Minute acerate spicules of the sieve-like surface,	× 300