Online Resource 4 The changes in ultrastructure across development in respect to their overall thickness and the approximate proportions of each layer (number of animals used, n = 5 for each instar)

Instar	Thickness (μm)	Epicuticle (%)	Exocuticle (%)	Endocuticle (%)	Membranous Layer (%)
1	1.5 ± 0.24	3.37 ± 0.62	30.90 ± 1.62	24.46 ± 3.60	41.27 ± 6.30
2	6.5 ± 1.20	1.34 ± 0.26	24.17 ± 3.41	55.11 ± 3.15	19.37 ± 4.19
3	10.16 ± 1.27	1.05 ± 0.17	20.06 ± 4.12	62.00 ± 7.49	16.89 ± 3.49
4	5.61 ± 4.01	2.14 ± 0.94	23.56 ± 4.68	49.3 ± 3.39	25.00 ± 6.65
5	11.3 ± 0.55	0.86 ± 0.16	24.82 ± 2.29	56.31 ± 5.38	18.01 ± 4.13
Adult	19.16 ± 1.78	0.51 ± 0.06	21.77 ± 1.72	58.96 ± 2.07	18.75 ± 2.76

The ultrastructural development and 3D reconstruction of the transparent carapace of the ostracod *Skogsbergia lerneri*

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