

Supplementary Material 8. Distributions of shell height (SH) and wet body weight (BW) across identified *Saccostrea* lineages.

Ss denotes *S. spathulata* (= Lineage J). Maximum, minimum, and mean ($\pm$ SD) values for each lineage are provided numerically. Sample sizes are shown in parentheses along the horizontal axis. Lineages B, H, and L are omitted from both SH and BW plots due to small sample sizes. For reference, SH of the two Lineage B specimens was 40.8 and 48.6 mm (BW not available; see main text); SH of the two Lineage H specimens was 42.6 and 48.1 mm, with BW of 15.5 and 7.7 g, respectively; and the single Lineage L specimen measured 29.6 mm SH and 4.1 g BW.

