[Supplementary material]

Cooking in caves: Palaeolithic carbonised plant food remains from Franchthi and Shanidar

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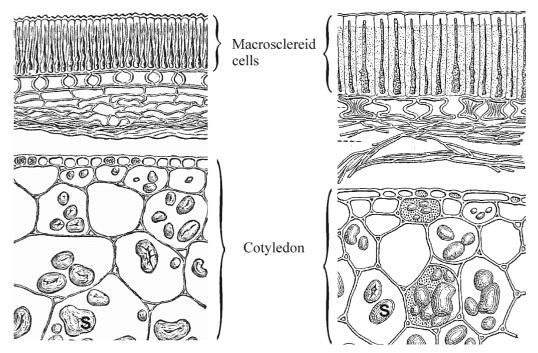


Figure S1. Legume seed cross-section, illustrating the macrosclereid cells of the seed coat (testa) and cotyledon (redrawn by C. Kabukcu after Winton & Winton 1935). Left panel depicts Lens orientalis (Winton & Winton 1935: 312, fig. 89), right panel depicts Pisum sativum (Winton & Winton 1935: 326: fig. 95).

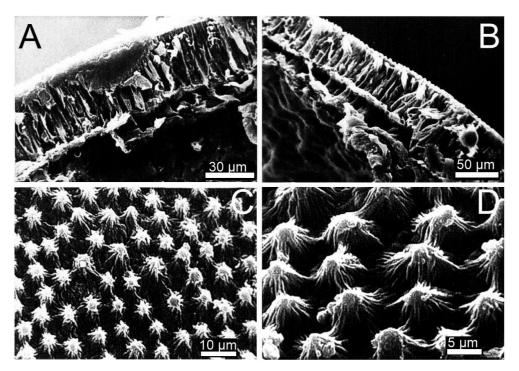


Figure S2. SEM of Vicia ervilia: *A–B) Macrosclereid cells in testa cross-section (Butler 1990: 494, panels 6 and 7, pl. 6); C–D) details of papillose testa surface (Butler 1990: 493, panels 5 and 6, pl. 5) (reproduced with permission from A. Butler).*

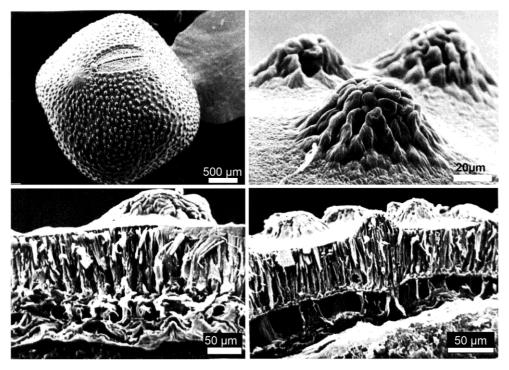


Figure S3. SEM of Lathyrus nissolia: *A–B*) *overview and detail of the mounded papillose* testa (Butler 1990: 557, panels 1 and 4, pl. 69); C–D) macrosclereid cells in testa cross-section (Butler 1990: 598, panels 6 and 7, pl. 70) (reproduced with permission from A. Butler).

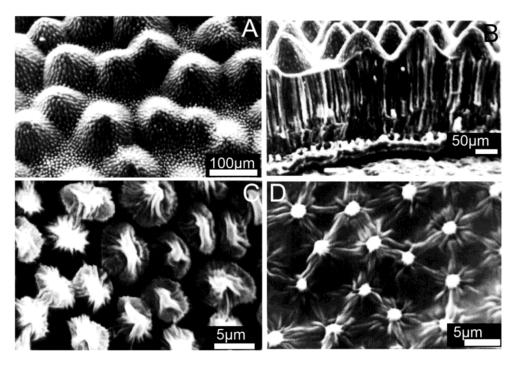


Figure S4. SEM of Pisum sativum elatius: *A) Mounded papillose testa surface (Butler 1990: 569, panel 3, pl. 81); B) macrosclereid cells in testa cross-section (Butler 1990: 571, panel 8, pl. 83); C) detail of testa surface between the mounds (Butler 1990: 569, panel 4, pl. 81); D) detail of testa surface between the mounds, after charring (Butler 1990: 571, panel 2, pl. 83) (reproduced with permission from A. Butler).*

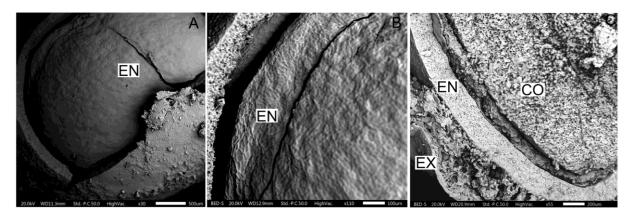


Figure S5. SEM of Pistacia terebinthus (UoL modern reference collection): A) overview showing exposed endocarp under pericarp; B) detail of endocarp surface; C) cross-section of pericarp, endocarp and cotyledon. EN = endocarp (nutshell); EX = exocarp (outer skin of the pericarp); CO = cotyledon (SEM micrographs taken by C. Kabukcu).

References

BUTLER, E.A. 1990. Legumes in antiquity: a micromorphological investigation of seeds of the Vicieae. Unpublished PhD dissertation, University of London.

WINTON, A.L. & K.B. WINTON. 1935. *The structure and composition of foods. Volume II: vegetables, legumes, fruits.* New York: Wiley.