
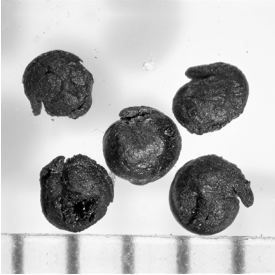
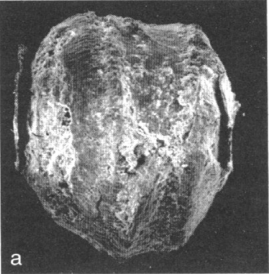

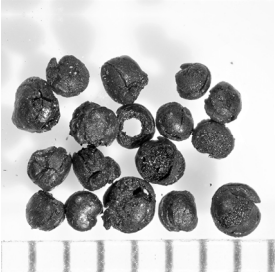
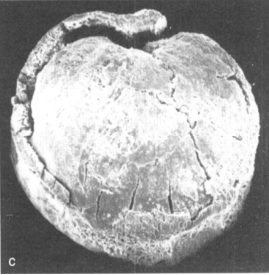
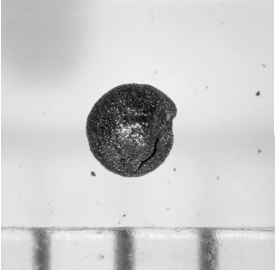
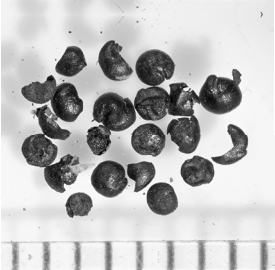
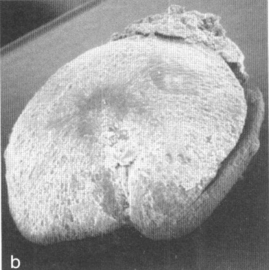


Attribute Guidelines for *Chenopodium* Identification

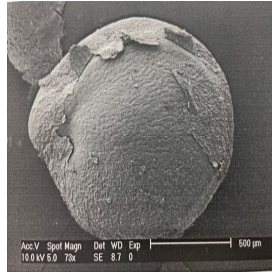
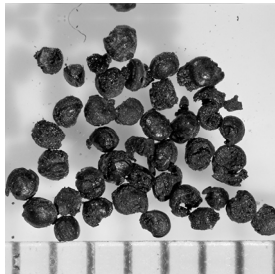
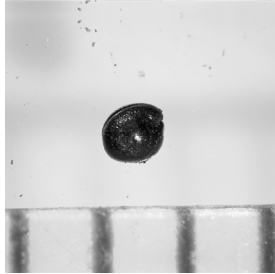
McCown Archaeobotany Laboratory Report #89

February 24, 2023

By Maria C. Bruno and Emily R. McKenzie
Taraco Archaeological Project

Common Name	Single Seed Photo	Variation Photo	SEM	Seed Coat Texture	Seed coat thickness	Configuration	Ave Diameter
<i>C. quinoa</i> (domesticated, thin testa)				Smooth, generally not shiny, dull	Very thin! Possibly not discernable will be very similar to NTT	Truncate (hamburger - wider than tall)	Largest seeds, >1mm, >0.71
<i>C. quinoa</i> No Testa Truncate (NTT)				Technically no seed coat present but will look dull and smooth, no texture	N/A	Truncate (hamburger - wider than tall)	Largest seeds, >1mm, >0.71
Quinoa negra (Thick Testa)				Reticulate-Aveolate, shiny	Very thick, often separated from endosperm	Biconvex (more like a clam shell)	Larger >1mm, >0.71, >0.5

C. pallidicaule



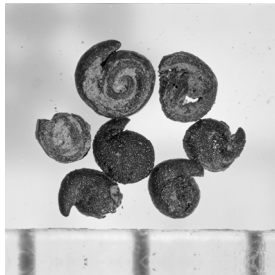
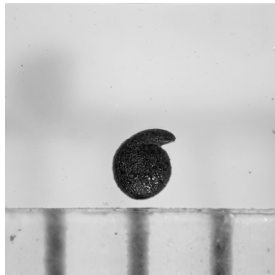
Smooth/Canaliculate, very shiny, subtle undulations

Thick, usually well preserved

Rounded/Biconvex

Smaller >.71, >0.5 - very rarely >1mm

"La Barca"



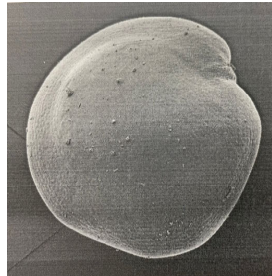
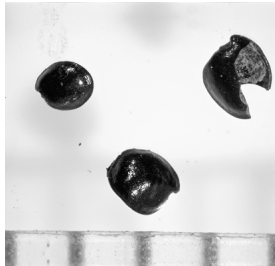
Reticulate

Thin

Very protruding beak

Smaller >.71, >0.5

Amaranthus sp.



Smooth, shiny, with some reticulation along the margins

Thick, usually well preserved

Equitorally banded

Smaller >.71, >0.5 - very rarely >1mm