Attribute Guidelines for *Chenopodium* Identification

McCown Archaeobotany Laboratory Report #89

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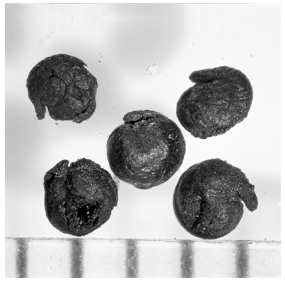
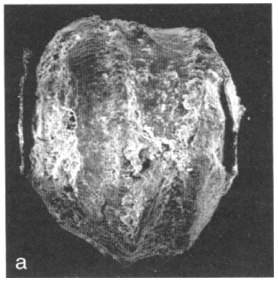
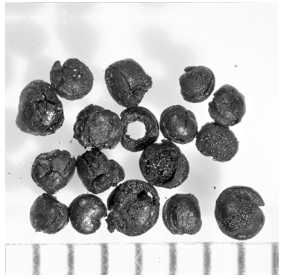
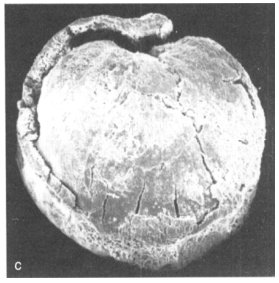
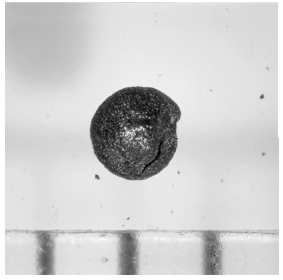
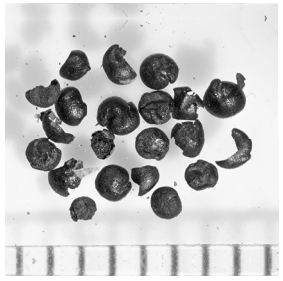
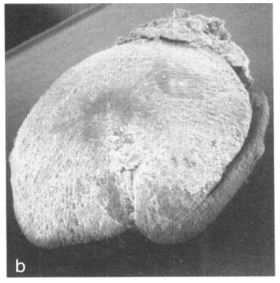
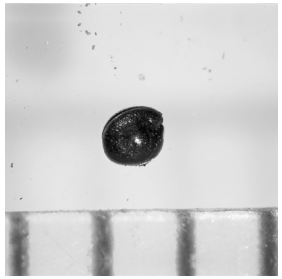
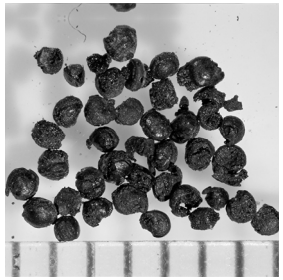
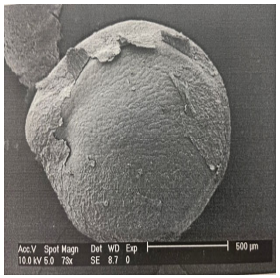
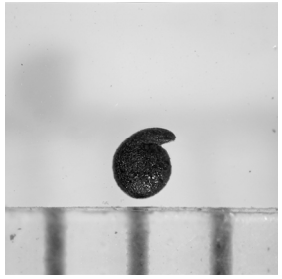
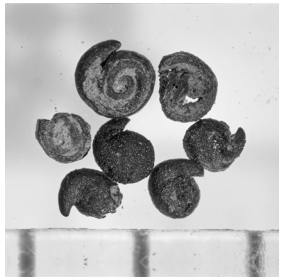
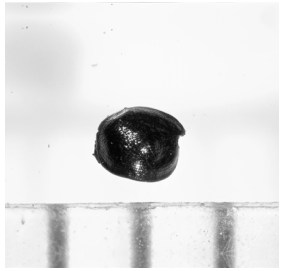
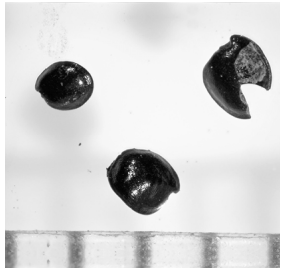
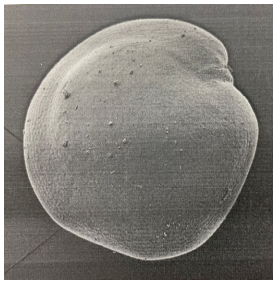
Taraco Archaeological Project

Common Name	Single Seed Photo	Variation Photo	SEM	Seed Coat Texture	Seed coat thickness	Configuration	Ave Diameter
C. quinoa (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
C. quinoa 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, sublte 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