




Multi-cell morphotype	Notes
Unident Monocot Leaf/stem:	Long smooth cell articulated silica skeleton. Monocot
Silica skeleton elongate psilate	Long smooth cell articulated silica skeleton. Monocot
Silica skeleton elongate sinuate	Long sinuate cell articulated silica skeleton. Monocot
Silica skeleton elongate echinate	Long echinate cell articulated silica skeleton. Monocot
Silica skeleton trichomes	Multi-cell made up of trichomes
Leaf/stem stomata	Monocot leaf/stem with stomata
Leaf/stem bilobe	" " bilobes
Leaf/stem crosses	" " crosses
Leaf/stem keystones	" " Keystones
Leaf/stem saddle	
Square-cell leaf/stem	Bulliform/square cell leaf/stem
Squarish	Large squarish articulated phytoliths
Leaf/stem with squarish phytoliths	Leaf/stem "
Leaf/stem rondels	" rondels
Multicell rondels	Multi-cell with many rondels
Leaf/Stem with Stipa-type rondels	
Leaf/stem with polylobes	
cf Sedge	Many long smooth narrow cells
Epidermis sedge?	Thin layer of cells that seem to be sedge
Unident Husk:	Husk of grass, cannot be identified
Husk epidermis	Thin layer of epidermal husk cells
Wheat Husk	<p>Large dendrites, papilla with 12-14 pits, rounded 'wave' pattern.</p> 
Barley Husk	Squarish 'wave', 10 pits on papilla, regular, compact dendrite pattern
Husk cf millet	'Thick' rounded dendrites, use when unable to determine if <i>Panicum</i> or

	<i>Setaria</i>
Wild Grass Husk:	Small dendrites, small erratic 'wave'. Many pits on papilla
Setaria-Type Husk	See <i>Lu et al.</i> 2009 ' Globular' thick dendrites, regularly formed, symmetrical. Also see cross, very square in appearance: 
Panicum type husk	 See <i>Lu et al.</i> ' Finger-like' thick dendrites, asymmetrical in form
Awn (aggregation of papillae)	
Oryza-type husk	
cf Phragmites (many stomata)	Many stomata in articulated silica skeleton
Husk with squarish dendrites	
Husk, spiky dendrites	
Epidermis with straggly dendrites	Thin layer of articulated cells with thin dendrites of 'straggly' appearance
Husk with hair base	
Husk with Stipa-type rondels	
husk with rondels	
Husk with many stomata	
Avena	
Dicot psilate silica skeleton	
Leaf/stem jigsaw	Appearance of jigsaw puzzle
Cyperus	
Scirpus-type	
Polyhedron	Angular polyhedron phytolith in silica skeleton
Polyhedral hair base	Polyhedrons arranged in a circular pattern around a central polyhedron
cf. oak	
Pinus type (elongate psilate assym.)	

Plates	Irregularly shaped large cells in silica skeleton
Multi-tiered	
Verrucate	
Coarse Verrucate	
Indet dicot	
Indet multicell	
Sponge Spicules	
Starch	
Silica aggregate	
Karvol capsules	
Epidermis (lightly silicified multicell)	
Papillae?	
Spheriods	
Pooid leaf/stem	
Bricks	
Honeycomb	
Trachieds	
black plate	
Honeycomb	
Crazy paving	
leafstem 'bamboo'	
leaf/stem scales	
leaf/stem scales rondels	
scales	
Leaf/stem with teardrop	
Husk cf barley?	
Husk cf wheat?	
Husk cf millet?	
cf Setaria?	
Husk cf panicum?	
Husk with short squarish dendrites	
husk large square dendrites	
husk large triangular dendrites	
husk small dendrites and rondels	
husk triangular dendrites	
husk large rounded dendrites	
husk short rounded dendrites	
husk rounded dendrites	
husk small squarish rounded dendrites	
Husk wavy dendrites	
Husk bulbous dendrites	
cf Equisetum	
Sheets	
pitted sheets	

Stacked plates	
Woody/bark dicot	
leaf/stem plates and tracheids	
Husk, almost like millet, but not	
husk with rondels	
husk with straggly dendrites	
cf artemisia	
dicot?	
leaf/stem with hair	
echinate plates	
leaf/stem trilobe	
husk papilla 10 pits	
leaf/stem dark cones	
leaf/stem papillae	
leaf/stem mesophyll	
husk triangular dendrites rondels	
multicell hair	
large screw thread	
husk papilla 14 pits	
leaf/stem crenates	
dark husk	
dark plates	
dicot long striated plates	
husk type one	
husk type two	
Cereal culm/leaves	