

Supplementary Table 5

Identified plant macrofossils from Cienega Amarilla and Cottonwood Canyon profiles.

Stratum	Context	Taxon	Part	Condition	Count	Notes
<i>Cienega Amarilla</i>						
I	Detrital	Atriplex	Utricle frag.	Charred	1	–
			Wood	Charred	1	–
		Cheno-am	Seed	Charred	1	–
		Juniperus	Wood	Charred	9	–
		Populus/Salix	Wood	Charred	16	–
		Scirpus	Achene	Uncharred	1	–
		Solanaceae	Seed	Charred	1	Wavy-walled reticulum; Nicotiana?
II	Detrital	Atriplex	Wood	Charred	2	–
		Cheno-am	Seed	Charred	2	–
		Juniperus	Wood	Charred	34	–
		Monocotyledon	Tissue frag.	Charred	8	cf. Phragmites stem?
		Pinus edulis	Wood	Charred	7	–
			Twig frag.	Charred	2	< 5 rings each
		Poaceae	Stem frag.	Charred	1	–
		Populus/Salix	Wood	Charred	3	–
			Twig frag.	Charred	1	~ 1 ring
		Sarcobatus	Wood	Charred	8	–
			Twig frag.	Charred	2	< 5 rings each
		Unknown	Wood	Charred	10	Diffuse porous; large & small vessels
			Seed frag.	Charred	6	Tiny
			Rodent pellet	Charred	8	–
II?	Detrital	Juniperus	Seed	Uncharred	4	–
		Scirpus	Achene	Uncharred	9	–
IIIa	Detrital	Atriplex	Wood	Charred	2	–
		Cheno-am	Seed	Charred	9	–
		Juniperus	Wood	Charred	75	–
		Monocotyledon	Tissue frag.	Charred	2	Zea? ($\delta^{13}\text{C}$ suggests NOT)
		Pinus	Bark scale	Charred	1	–
		Pinus edulis	Wood	Charred	4	–
		Sarcobatus	Wood	Charred	4	–
		Unknown	Nutshell	Charred	1	–
	Arch. feature	Asteraceae	Achene	Charred	1	–
IIIb undiff. (below tufa)	Detrital	Atriplex	Twig frag.	Charred	2	–
		Cheno-am	Seed	Charred	1	Tiny
		Scirpus	Achene	Uncharred	1000+	Lenticular

IIIb undiff. (tufa)						
	Detrital					
		Atriplex	Stem frag.	Charred	1	–
		Poaceae	Stem frag.	Charred	1	Tiny
		Populus/Salix	Wood	Charred	1	–
		Scirpus	Achene	Uncharred	175+	Lenticular
			Achene	Uncharred	50+	Triangular; yellow; w/ bracts
		Unknown	Seed	Uncharred		–
IIIb ₁						
	Detrital					
		Poaceae?	Stem frag.	Charred	33	–
IIIb ₂						
	Detrital					
		Scirpus	Achene	Uncharred	75+	Lenticular
		Unknown	Plant tissue	Uncharred	1000+	Scirpus?
IIIb ₃						
	Detrital					
		Scirpus	Achene	Uncharred	42	Lenticular
IIIb ₄						
	Detrital					
		Juniperus	Wood	Charred	4	–
IIIc						
	Detrital					
		Juniperus	Wood	Charred	1	–
		Quercus	Wood	Charred	1	–
		Unknown	Wood?	Charred	10+	Degraded
IV						
	Detrital					
		Juniperus	Wood	Charred	10	–
		Pinus edulis	Wood	Charred	1	–
		Poaceae	Stem frag.	Charred	15	–
		Scirpus	Achene	Uncharred	4	Lenticular
		Unknown	Seed	Uncharred	7	Not analyzed by K. Adams
			Stem frag.	Uncharred	7	Not analyzed by K. Adams
V						
	Detrital					
		Juniperus	Wood	Charred	1	–
<i>Cottonwood Canyon</i>						
I						
	Detrital					
		Juniperus	Wood	Charred	4	–
I/IIIa contact						
	Arch. feature					
		Juniperus	Wood	Charred	8	–
IIIa						
	Detrital					
		Juniperus	Wood	Charred	6	–
IIIb						
	Arch. feature					
		Atriplex	Wood	Charred	3	–

		Juniperus	Wood	Charred	3	–
IIIb/IIIc contact	Arch. feature	Atriplex	Wood	Charred	1	–
		Cheno-am	Seed	Charred	3	–
		Cycloloma	Seed	Charred	1	–
		Juniperus	Wood	Charred	27	–
		Pinus edulis	Wood	Charred	3	–
		Pinus	Bark scale	Charred	3	–
			Wood	Charred	6	–
		Salvia	Seed	Charred	1	–
		Zea mays	Cupule	Charred	3	–
IIIc	Detrital	Juniperus	Wood	Charred	14	–
		Zea mays	Cupule	Charred	2	–
	Arch. feature	Cheno-am	Seed	Charred	4	–
		Juniperus	Wood	Charred	61	–
		Opuntia	Embryo	Charred	1	Prickly pear
		Oryzopsis	Floret	Charred	1	–
		Pinus edulis	Wood	Charred	7	–
		Zea mays	Kernel frag.	Charred	4	–
V	Detrital	Cheno-am	Seed	Uncharred	20+	Likely modern
		Juniperus	Twig	Charred	1	~ 2 rings
	Arch. feature	Atriplex	Wood	Charred	6	–
			Utricle core	Charred	11	–
		Cheno-am	Seed	Charred	3	–
		Juniperus	Wood	Charred	7	–
		Physalis	Seed	Charred	3	–
		Picea?	Needle frag.	Charred	1	4-sided
		Pinus	Twig frag.	Charred	1	~ 5 rings
		Poaceae	Stem frag.	Charred	1	–
		Portulaca	Seed	Charred	1	–
		Unknown	Seed	Charred	1	Degraded
			Disseminule	Charred	2	Two different taxa
			Twig	Charred	1	–
VI	Detrital	Juniperus	Wood	Charred	2	–