

Appendix I

Supplemental Information – Link Three

Appendix I-1

Plant and Vertebrate Species – Link Three

Appendix I-1
Plants – Link Three

<u>Scientific Name</u>	<u>Common Name</u>
<i>Acacia greggii</i>	Catclaw acacia
<i>Acacia constricta</i>	white thorn acacia
<i>Allonia incarnata</i>	Windmills
<i>Amaranthus fimbriatus</i>	Fringed pigweed
<i>Ambrosia ambrosioides</i>	Canyon ragweed
<i>Ambrosia dumosa</i>	white bur sage
<i>Ambrosia deltoidea</i>	Triangle-leaved bur sage
<i>Argemone munita</i>	Prickly poppy
<i>Aristida longseta</i>	red three-awn
<i>Aristida spp.</i>	three-awn grass
<i>Atriplex canescens</i>	four-wing saltbush
<i>Atriplex polycarpa</i>	desert saltbush
<i>Atriplex spp.</i>	Saltbush species
<i>Baccharis emoryi</i>	Emory’s false willow
<i>Baccharis glutinosa</i>	Seep willow
<i>Baccharis sarothroides</i>	desert broom
<i>Baileya multiradiata</i>	Desert marigold
<i>Boerhavia spp.</i>	Spiderling species
<i>Bowlesia incana</i>	hairy bowlesia
<i>Brassica nigra</i>	black mustard
<i>Bromus rubens</i>	red brome
<i>Bromus tectorum</i>	Cheatgrass
<i>Bromus spp.</i>	Brome species
<i>Carnegiea gigantea</i>	Saguaro
<i>Castela emoryi</i>	Crucifixion thorn
<i>Celtis pallida</i>	desert hackberry
<i>Cercidium floridum</i>	blue palo verde
<i>Cynanchum arizonicum</i>	Milkweed vine
<i>Cynodon dactylon</i>	Bermudagrass
<i>Datura wrightii</i>	Jimsonweed
<i>Echinocereus fendleri var. rectispinus</i>	Fendler hedgehog cactus
<i>Encelia farinosa</i>	Brittlebush
<i>Encelia frutescens</i>	Rayless encelia
<i>Eschscholzia mexicana</i>	Mexican poppy
<i>Ephedra sp.</i>	Mormon tea
<i>Eragrostis lehmanniana</i>	Lehmann lovegrass
<i>Eragrostis spp.</i>	Lovegrass species
<i>Eriogonum fasciculatum</i>	Mohave buckwheat
<i>Eriogonum spp.</i>	Buckwheat
<i>Erioneuron pulchellum</i>	Fluffgrass
<i>Erodium cicutarium</i>	Filaree
<i>Euphorbia albomarginata</i>	Rattlesnake weed

Scientific Name

Ferocactus wislizeni
Fouquieria splendens
Hymenoclea salsola
Isocoma tenuisecta
Krameria grayi
Larrea tridentata
Lupinus arizonicus
Lycium fremontii
Malva neglecta
Mammillaria microcarpa
Mirabilis biglovii
Mirabilis multiflora
Nicotiana glauca
Nicotiniana trigonophylla
Olneya tesota
Opuntia acanthocarpa
Opuntia fulgida
Opuntia species
Opuntia phaeacantha
Opuntia versicolor
Parkinsonia aculeata
Phoradendron californicum
Physalis crassifolia
Pleuraphis rigida
Plantago patagonia
Pluchea sericea
Populus fremontii
Salix spp.
Prosopis juliflora
Salsola iberica
Sarcostemma cynanchoides
Solanum elaeagnifolium
Sphaeralcea ambigua var. ambigua
Sphaeralcea ambigua var. rosacea
Stephanomeria species
Stephanomeria pauciflora
Tamarisk ramosissima
Tidestromia lanuginosa
Typha latifolia

Common Name

barrel cactus
Ocotillo
Burro bush
Burro weed
White ratany
Creosote bush
Arizona lupine
Fremont desert-thorn
Common mallow
Fishhook cactus
Wishbbone four-O'clock
Large four-O'clock
Tree tobacco
Desert tobacco
Ironwood
Buckhorn cholla
Jumping cholla
Prickly pear and cholla species
Prickly pear
Staghorn cholla
Mexican palo verde
Desert mistletoe
Thick-leaf ground cherry
Big galleta
Pursh plantain
Arrow-weed
Cottonwood
Willow species
Mesquite
Russsian thistle
Climbing milkweed
Silverleaf nightshade
Apricot globemallow
Apricot globemallow
desert straw
desert straw
Tamarisk
Honeysweet
Common cattail

Appendix I-1
Vertebrate Species – Link Three

Scientific Name

Common Name

Reptiles:

Cnemidophorus tigris
Thamnophis marcianus
Uta stansburiana

western whiptail
checkered garter snake
side-blotched lizard

Birds:

Accipiter cooperii
Accipiter striatus
Agelaius phoeniceus
Aquila chrysaetos
Amphispiza bilineata
Anas platyrhynchos
Ardea alba
Ardea herodias
Auriparus flaviceps
Bubo virginianus
Buteo jamaicensis
Callipepla gambelii
Campylorhynchus brunneicapillus
Carpodacus mexicanus
Cathartes aura
Chondestes grammacus
Circus cyaneus
Colaptes auratus
Corvus corax
Dendroica coronata
Falco sparverius
Fulica americana
Himantopus mexicanus
Lanius ludovicianus
Mimus polyglottus
Myiarchus cinerascens
Melanerpes uropygialis
Passer domesticus
Petrochelidon pyrrhonota
Picoides scalaris
Phainopepla nitens
Polioptila melanura
Quiscalus mexicanus
Sphyrapicus nuchalis
Sturnella neglecta
Sturnus vulgaris

Cooper's hawk
sharp shinned hawk
red-winged blackbird
golden eagle
black-throated sparrow
mallard
great egret
great blue heron
verdin
great horned owl
red-tailed hawk
Gambel's quail
cactus wren
house finch
turkey vulture
lark sparrow
northern harrier
gilded flicker
common raven
yellow-rumped warbler
American kestrel
American coot
black-necked stilt
loggerhead shrike
northern mockingbird
ash-throated flycatcher
Gila woodpecker
house sparrow
cliff swallow
ladder-backed woodpecker
phainopepla
black-tailed gnatcatcher
great-tailed grackle
red-naped sapsucker
western meadowlark
European starling

Scientific Name

Toxostoma curvirostre

Vermivora luciae

Wilsonia pusilla

Zenaida macroura

Zonotrichia leucophrys

Common Name

curve-billed thrasher

Lucy's warbler

Wilson's warbler

mourning dove

white-crowned sparrow

Mammals:

Ammospermophilus harrisi

Canis latrans

Lepus californicus

Odocoileus hemionus

Spermophilus tereticaudus

Sylvilagus audubonii

Harris' antelope ground squirrel

coyote

black-tailed jackrabbit

mule deer

round-tailed ground squirrel

desert cottontail

Appendix I-2

River/Stream/Wash Crossings – Link Three

Appendix I-2
River/Stream/Wash Crossings – Link Three

<i>Stream</i>	<i>Stationing</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>	<i>USGS Quadrangle</i>	<i>Flow Width (feet)</i>
S-001	10+00	T 14S	R 13E	S 1	Tucson	24
S-002	23+66	T 13S	R 13E	S 26	Tucson North	28
S-003	36+50	T 13S	R 13E	S 26	Tucson North	28
S-004	5+80	T 12S	R 12E	S 36	Jaynes	25
S-005	16+00	T 12S	R 12E	S 35	Jaynes	N/A
S-006	26+00	T 12S	R 12E	S 26	Jaynes	30
S-007	38+30	T 12S	R 12E	S 26	Jaynes	8
S-008	10+83	T 12S	R 12E	S 26	Jaynes	20
S-009	24+08	T 12S	R 12E	S 26	Jaynes	5
S-010	35+12	T 12S	R 12E	S 26	Jaynes	14
S-011	47+10	T 12S	R 12E	S 26	Jaynes	25
S-012	67+56	T 12S	R 12E	S 22	Jaynes	16
S-013	82+62	T 12S	R 12E	S 22	Ruelas Canyon	27
S-014	19+00	T 12S	R 12E	S 22	Ruelas Canyon	11
S-015	36+44	T 12S	R 12E	S 16	Ruelas Canyon	7
S-016	64+42	T 12S	R 12E	S 16	Ruelas Canyon	50
S-017	80+17	T 12S	R 12E	S 16	Ruelas Canyon	11
S-018	87+21	T 12S	R 12E	S 9	Ruelas Canyon	16
S-019	0+35	T 12S	R 12E	S 9	Marana	2
S-020	23+18	T 12S	R 12E	S 9	Marana	N/A
S-021	56+86	T 12S	R 12E	S 8	Marana	20
S-022	72+28	T 12S	R 12E	S 8	Marana	5
S-023	86+60	T 12S	R 12E	S 6	Marana	30
S-024	28+90	T 12S	R 12E	S 36	Marana	5
S-025	6+56	T 12S	R 12E	S 36	Marana	20
S-026	34+86	T 12S	R 12E	S 36	Marana	N/A

<i>Stream</i>	<i>Stationing</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>	<i>USGS Quadrangle</i>	<i>Flow Width (feet)</i>
S-027	46+75	T 12S	R 12E	S 26	Marana	N/A
S-028	55+02	T 12S	R 12E	S 26	Marana	103
S-029	62+88	T 12S	R 12E	S 26	Marana	44
S-030	72+86	T 12S	R 12E	S 26	Marana	0
S-031	86+49	T 12S	R 12E	S 27	Marana	0
S-035	107+05	T 12S	R 12E	S 16	Marana	10
S-036	10+95	T 10S	R 11E	S 7	Marana	20
S-037	33+53	T 10S	R 11E	S 5	Red Rock	13
S-038	46+38	T 5S	R 9E	S 7	Florence	100
S-039	40+93	T 4S	R 9E	S 8	Florence	31
S-040	50+93	T 2S	R 8E	S 27	Sacaton NE	100
S-042	3713+44	T 1N	R 3W	S 13	Valencia	7
S-043	3834+84	T 1N	R 3W	S 15	Valencia	12
S-044	4003+89	T 1S	R 3W	S 18	Valencia	54
S-045	4049+38	T 1S	R 4W	S 11	Buckeye NW	29
S-046	4288+75	T 2N	R 4W	S 31	Buckeye NW	9
S-047	4313+72	T 2N	R 4W	S 31	Buckeye NW	9
S-048	4358+39	T 2N	R 4W	S 36	Buckeye NW	14
S-049	4370+24	T 2N	R 4W	S 36	Buckeye NW	44
S-050	4396+79	T 2N	R 4W	S 36	Buckeye NW	3
S-051	4402+01	T 2N	R 4W	S 36	Buckeye NW	30
S-052	4501+59	T 2N	R 5W	S 26	Buckeye NW	100
S-053	4537+25	T 2N	R 5W	S 29	Wintersburg	26
S-054	4636+09	T 2N	R 5W	S 30	Wintersburg	24
S-055	4669+99	T 2N	R 6W	S 25	Wintersburg	0
S-056	4815+76	T 2N	R 6W	S 27	Wintersburg	20
S-057	4823+57	T 2N	R 6W	S 28	Wintersburg	44
S-058	4904+35	T 2N	R 6W	S 29	Tonopah	5

<i>Stream</i>	<i>Stationing</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>	<i>USGS Quadrangle</i>	<i>Flow Width (feet)</i>
S-059	4918+11	T 2N	R 6W	S 29	Tonopah	5
S-060	4978+74	T 2N	R 6W	S 30	Tonopah	90
S-061	4982+24	T 2N	R 7W	S 25	Tonopah	10
S-062	5001+90	T 2N	R 7W	S 25	Tonopah	10
S-063	5008+10	T 2N	R 7W	S 25	Tonopah	23
S-064	5031+95	T 2N	R 7W	S 25	Tonopah	10
S-065	5062+73	T 2N	R 7W	S 26	Tonopah	15
S-066	5098+00	T 2N	R 7W	S 26	Tonopah	8
S-067	5126+41	T 2N	R 7W	S 27	Tonopah	6
S-068	5151+38	T 2N	R 7W	S 27	Tonopah	8
S-069	5164+33	T 2N	R 7W	S 28	Tonopah	10
S-070	5174+75	T 2N	R 7W	S 28	Tonopah	10
S-071	5210+33	T 2N	R 7W	S 29	Tonopah	48
S-072	5244+65	T 2N	R 7W	S 29	Tonopah	7
S-073	5256+37	T 2N	R 7W	S 29	Tonopah	2
S-074	5268+37	T 2N	R 7W	S 29	Saddle Mtn	24
S-075	5277+88	T 2N	R 7W	S 30	Saddle Mtn	10
S-076	5293+33	T 2N	R 7W	S 30	Saddle Mtn	10
S-077	5415+64	T 2N	R 8W	S 23	Burnt Mtn	5
S-078	5419+85	T 2N	R 8W	S 23	Burnt Mtn	9
S-079	5429+52	T 2N	R 8W	S 23	Burnt Mtn	16
S-080	5440+94	T 2N	R 8W	S 22	Burnt Mtn	3
S-081	5448+66	T 2N	R 8W	S 22	Burnt Mtn	4
S-082	5492+17	T 2N	R 8W	S 16	Burnt Mtn	6
S-083	5534+44	T 2N	R 8W	S 21	Burnt Mtn	280
S-084	5595+34	T 2N	R 8W	S 20	Burnt Mtn	10
S-085	5618+75	T 2N	R 8W	S 18	Burnt Mtn	4
S-086	5625+71	T 2N	R 8W	S 18	Burnt Mtn	4

<i>Stream</i>	<i>Stationing</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>	<i>USGS Quadrangle</i>	<i>Flow Width (feet)</i>
S-087	5630+23	T 2N	R 8W	S 18	Burnt Mtn	15
S-088	5657+45	T 2N	R 9W	S 13	Big Horn Peak	26
S-089	5664+11	T 2N	R 9W	S 13	Big Horn Peak	18
S-090	5713+55	T 2N	R 9W	S 12	Big Horn Peak	104
S-091	5772+85	T 2N	R 9W	S 11	Big Horn Peak	0
S-092	5840+11	T 2N	R 9W	S 3	Big Horn Peak	0
S-093	5863+10	T 2N	R 9W	S 3	Big Horn Peak	54
S-094	5885+89	T 3N	R 9W	S 33	Big Horn Peak	15
S-095	5889+20	T 3N	R 9W	S 33	Big Horn Peak	17
S-096	5910+36	T 3N	R 9W	S 32	Big Horn Peak	11
S-097	5924+33	T 3N	R 9W	S 32	Big Horn Peak	7
S-098	5937+25	T 3N	R 9W	S 32	Big Horn Peak	5
S-099	5952+13	T 3N	R 9W	S 32	Big Horn Peak	8
S-100	5964+60	T 3N	R 9W	S 31	Big Horn Peak	15
S-101	5971+74	T 3N	R 9W	S 31	Big Horn Peak	10
S-102	5991+38	T 3N	R 9W	S 31	Big Horn Peak	15
S-103	5999+49	T 3N	R 9W	S 30	Big Horn Peak	34
S-104	6005+08	T 3N	R 9W	S 30	Big Horn Peak	6
S-105	6010+71	T 3N	R 9W	S 30	Big Horn Peak	10
S-106	6020+88	T 3N	R 9W	S 30	Big Horn Peak	50
S-107	6026+00	T 3N	R 9W	S 30	Big Horn Peak	13
S-108	6046+91	T 3N	R 10W	S 25	Big Horn Peak	3
S-109	6051+81	T 3N	R 10W	S 25	Big Horn Peak	6
S-110	6058+37	T 3N	R 10W	S 25	Big Horn Peak	9
S-111	6072+97	T 3N	R 10W	S 25	Big Horn Peak	7
S-112	6089+12	T 3N	R 10W	S 26	Big Horn Peak	13
S-113	6123+22	T 3N	R 10W	S 23	Big Horn Peak	15
S-114	6223+10	T 3N	R 10W	S 21	Big Horn Peak	8

<i>Stream</i>	<i>Stationing</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>	<i>USGS Quadrangle</i>	<i>Flow Width (feet)</i>
S-115	6236+95	T 3N	R 10W	S 16	Courthouse Well	5
S-116	6244+98	T 3N	R 10W	S 16	Courthouse Well	5
S-117	6251+68	T 3N	R 10W	S 16	Courthouse Well	10
S-118	6260+54	T 3N	R 10W	S 16	Courthouse Well	10
S-119	6281+69	T 3N	R 10W	S 17	Courthouse Well	5
S-120	6299+35	T 3N	R 10W	S 17	Courthouse Well	5
S-121	6318+30	T 3N	R 10W	S 8	Courthouse Well	5
S-122	6350+52	T 3N	R 10W	S 8	Courthouse Well	5
S-123	6367+62	T 3N	R 10W	S 7	Weldon Hill	5
S-124	6372+12	T 3N	R 10W	S 7	Weldon Hill	3
S-125	6379+39	T 3N	R 10W	S 7	Weldon Hill	5
S-126	6382+00?	T 3N	R 10W	S 7	Weldon Hill	3
S-127	6391+82	T 3N	R 10W	S 7	Courthouse Well	3
S-128	6411+58	T 3N	R 11W	S 1	Weldon Hill	4
S-129	6424+87	T 3N	R 11W	S 1	Weldon Hill	5
S-130	6429+59	T 3N	R 11W	S 1	Weldon Hill	5
S-131	6442+77	T 3N	R 11W	S 1	Weldon Hill	3
S-132	6447+85	T 3N	R 11W	S 1	Weldon Hill	3
S-133	6451+15	T 3N	R 11W	S 1	Weldon Hill	10
S-134	6463+54	T 3N	R 11W	S 2	Weldon Hill	4
S-135	6499+63	T 3N	R 11W	S 2	Weldon Hill	4
S-136	6510+76	T 4N	R 11W	S 35	Weldon Hill	10
S-137	6521+66	T 4N	R 11W	S 34	Weldon Hill	6
S-138	6583+79	T 4N	R 11W	S 34	Socorro Mine	50
S-139	6700+21	T 4N	R 11W	S 29	Socorro Mine	3
S-140	6702+91	T 4N	R 11W	S 29	Socorro Mine	4
S-141	6717+70	T 4N	R 11W	S 19	Socorro Mine	6
S-142	6719+35	T 4N	R 11W	S 19	Socorro Mine	15

<i>Stream</i>	<i>Stationing</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>	<i>USGS Quadrangle</i>	<i>Flow Width (feet)</i>
S-143	6725+33	T 4N	R 11W	S 19	Socorro Mine	3
S-144	6752+21	T 4N	R 12W	S 24	Socorro Mine	6
S-145	6766+70	T 4N	R 12W	S 24	Socorro Mine	8
S-146	6768+67	T 4N	R 12W	S 24	Socorro Mine	8
S-147	6770+71	T 4N	R 12W	S 24	Socorro Mine	9
S-148	6771+18	T 4N	R 12W	S 13	Socorro Mine	3
S-149	6780+49	T 4N	R 12W	S 13	Socorro Mine	10
S-150	6784+90	T 4N	R 12W	S 13	Socorro Mine	5
S-151	6787+70	T 4N	R 12W	S 13	Socorro Mine	2
S-152	6795+64	T 4N	R 12W	S 13	Socorro Mine	4
S-153	6816+33	T 4N	R 12W	S 13	Socorro Mine	3
S-154	6817+73	T 4N	R 12W	S 13	Socorro Mine	7
S-155	6827+89	T 4N	R 12W	S 13	Socorro Mine	15
S-156	6833+80	T 4N	R 12W	S 13	Socorro Mine	6
S-157	6839+59	T 4N	R 12W	S 14	Socorro Mine	10
S-158	6841+42	T 4N	R 12W	S 14	Socorro Mine	3
S-159	6846+01	T 4N	R 12W	S 14	Socorro Mine	3
S-160	6847+81	T 4N	R 12W	S 14	Socorro Mine	3
S-161	6851+75	T 4N	R 12W	S 14	Socorro Mine	3
S-162	6861+38	T 4N	R 12W	S 14	Socorro Mine	3
S-163	6864+80	T 4N	R 12W	S 14	Socorro Mine	3
S-164	6867+11	T 4N	R 12W	S 14	Socorro Mine	4
S-165	6886+13	T 4N	R 12W	S 14	Socorro Mine	3
S-166	6889+37	T 4N	R 12W	S 14	Socorro Mine	6
S-167	6894+06	T 4N	R 12W	S 14	Socorro Mine	3
S-168	6900+88	T 4N	R 12W	S 10	Socorro Mine	3
S-169	6910+31	T 4N	R 12W	S 10	Socorro Mine	5
S-170	6911+47	T 4N	R 12W	S 10	Socorro Mine	6

<i>Stream</i>	<i>Stationing</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>	<i>USGS Quadrangle</i>	<i>Flow Width (feet)</i>
S-171	6921+80	T 4N	R 12W	S 10	Socorro Mine	4
S-172	6950+94	T 4N	R 12W	S 10	Socorro Mine	5
S-173	6953+33	T 4N	R 12W	S 9	Socorro Mine	3
S-174	6960+00	T 4N	R 12W	S 9	Socorro Mine	4
S-175	6962+91	T 4N	R 12W	S 9	Socorro Mine	8
S-176	6981+62	T 4N	R 12W	S 9	Socorro Mine	8
S-177	6998+51	T 4N	R 12W	S 9	Socorro Mine	3
S-178	7003+07	T 4N	R 12W	S 9	Harrisburg Valley	5
S-179	7006+54	T 4N	R 12W	S 9	Harrisburg Valley	6
S-180	7008+27	T 4N	R 12W	S 9	Harrisburg Valley	8
S-181	7019+94	T 4N	R 12W	S 4	Harrisburg Valley	7
S-182	7021+45	T 4N	R 12W	S 4	Harrisburg Valley	10
S-183	7024+81	T 4N	R 12W	S 4	Harrisburg Valley	6
S-184	7035+06	T 4N	R 12W	S 4	Harrisburg Valley	15
S-185	7038+99	T 4N	R 12W	S 4	Harrisburg Valley	5
S-186	7059+31	T 4N	R 12W	S 4	Harrisburg Valley	9
S-187	7060+50	T 4N	R 12W	S 4	Harrisburg Valley	10
S-188	7061+60	T 4N	R 12W	S 4	Harrisburg Valley	4
S-189	7071+49	T 5N	R 12W	S 33	Harrisburg Valley	20
S-190	7078+05	T 5N	R 12W	S 33	Harrisburg Valley	19
S-191	7083+00	T 5N	R 12W	S 33	Harrisburg Valley	130
S-192	7087+00	T 5N	R 12W	S 33	Harrisburg Valley	5
S-193	7089+34	T 5N	R 12W	S 33	Harrisburg Valley	3
S-194	7092+86	T 5N	R 12W	S 33	Harrisburg Valley	3
S-195	7099+80	T 5N	R 12W	S 33	Harrisburg Valley	7
S-196	7108+75	T 5N	R 12W	S 33	Harrisburg Valley	4
S-197	7109+75	T 5N	R 12W	S 33	Harrisburg Valley	4
S-198	7110+90	T 5N	R 12W	S 33	Harrisburg Valley	3

<i>Stream</i>	<i>Stationing</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>	<i>USGS Quadrangle</i>	<i>Flow Width (feet)</i>
S-199	7114+39	T 5N	R 12W	S 33	Harrisburg Valley	12
S-200	7132+75	T 5N	R 12W	S 33	Harrisburg Valley	5
S-201	7139+00	T 5N	R 12W	S 32	Harrisburg Valley	4
S-202	7141+00	T 5N	R 12W	S 32	Harrisburg Valley	3
S-203	7149+11	T 5N	R 12W	S 32	Harrisburg Valley	5
S-204	7149+87	T 5N	R 12W	S 32	Harrisburg Valley	5
S-205	7151+54	T 5N	R 12W	S 32	Harrisburg Valley	5
S-206	7157+47	T 5N	R 12W	S 32	Harrisburg Valley	4
S-207	7161+25	T 5N	R 12W	S 32	Harrisburg Valley	3
S-208	7164+20	T 5N	R 12W	S 32	Harrisburg Valley	3
S-209	7165+48	T 5N	R 12W	S 32	Harrisburg Valley	5
S-210	7169+83	T 5N	R 12W	S 32	Harrisburg Valley	6
S-211	7174+87	T 5N	R 12W	S 32	Harrisburg Valley	4
S-212	7178+00	T 5N	R 12W	S 30	Harrisburg Valley	3
S-213	7182+97	T 5N	R 12W	S 30	Harrisburg Valley	4
S-214	7186+29	T 5N	R 12W	S 30	Harrisburg Valley	3
S-215	7190+51	T 5N	R 12W	S 30	Harrisburg Valley	8
S-216	7195+10	T 5N	R 12W	S 30	Harrisburg Valley	10
S-217	7198+75	T 5N	R 12W	S 30	Harrisburg Valley	6
S-218	7204+00	T 5N	R 12W	S 30	Harrisburg Valley	7
S-219	7205+50	T 5N	R 12W	S 30	Harrisburg Valley	5
S-220	7211+97	T 5N	R 12W	S 30	Harrisburg Valley	8
S-221	7218+69	T 5N	R 12W	S 30	Harrisburg Valley	6
S-222	7218+85	T 5N	R 12W	S 30	Harrisburg Valley	10
S-223	7221+08	T 5N	R 12W	S 30	Harrisburg Valley	4
S-224	7224+84	T 5N	R 12W	S 30	Harrisburg Valley	8
S-225	7232+13	T 5N	R 12W	S 30	Harrisburg Valley	3
S-226	7234+93	T 5N	R 12W	S 30	Harrisburg Valley	4

<i>Stream</i>	<i>Stationing</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>	<i>USGS Quadrangle</i>	<i>Flow Width (feet)</i>
S-227	7237+30	T 5N	R 12W	S 30	Harrisburg Valley	6
S-228	7244+24	T 5N	R 12W	S 30	Harrisburg Valley	4
S-229	7246+20	T 5N	R 12W	S 30	Harrisburg Valley	8
S-230	7253+91	T 5N	R 13W	S 25	Salome	4
S-231	7255+09	T 5N	R 13W	S 25	Salome	5
S-232	7258+74	T 5N	R 13W	S 24	Salome	4
S-233	7262+35	T 5N	R 13W	S 24	Salome	20
S-234	7267+71	T 5N	R 13W	S 24	Salome	15
S-235	7274+07	T 5N	R 13W	S 24	Salome	4
S-236	7282+83	T 5N	R 13W	S 24	Salome	4
S-237	7285+39	T 5N	R 13W	S 24	Salome	6
S-238	7287+12	T 5N	R 13W	S 24	Salome	20
S-239	7293+36	T 5N	R 13W	S 24	Salome	3
S-240	7295+20	T 5N	R 13W	S 24	Salome	8
S-241	7297+76	T 5N	R 13W	S 24	Salome	4
S-242	7305+32	T 5N	R 13W	S 24	Salome	5
S-243	7316+22	T 5N	R 13W	S 23	Salome	15
S-244	7321+76	T 5N	R 13W	S 23	Salome	3
S-245	7325+00	T 5N	R 13W	S 23	Salome	5
S-246	7315+43	T 5N	R 13W	S 23	Salome	100
S-247	7375+38	T 5N	R 13W	S 15	Salome	8
S-248	7385+00	T 5N	R 13W	S 15	Salome	10
S-249	7400+99	T 5N	R 13W	S 15	Salome	3
S-250	7435+84	T 5N	R 13W	S 16	Salome	3
S-251	7445+71	T 5N	R 13W	S 16	Salome	12
S-252	7456+35	T 5N	R 13W	S 16	Salome	35
S-253	7530+00	T 5N	R 13W	S 19	Harcuvar	15
S-254	7570+24	T 5N	R 13W	S 19	Harcuvar	4

<i>Stream</i>	<i>Stationing</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>	<i>USGS Quadrangle</i>	<i>Flow Width (feet)</i>
S-255	7573+47	T 5N	R 13W	S 19	Harcuvar	5
S-256	7579+58	T 5N	R 13W	S 19	Harcuvar	20
S-257	7589+85	T 5N	R 13W	S 19	Harcuvar	15
S-258	7596+19	T 5N	R 13W	S 19	Harcuvar	20
S-259	7600+00	T 5N	R 14W	S 25	Harcuvar	5
S-260	7602+00	T 5N	R 14W	S 25	Harcuvar	6
S-261	7604+30	T 5N	R 14W	S 25	Harcuvar	10
S-262	7605+65	T 5N	R 14W	S 25	Harcuvar	15
S-263	7609+25	T 5N	R 14W	S 25	Harcuvar	6
S-264	7613+23	T 5N	R 14W	S 25	Harcuvar	8
S-265	7615+90	T 5N	R 14W	S 25	Harcuvar	5
S-266	7617+00	T 5N	R 14W	S 25	Harcuvar	6
S-267	7618+70	T 5N	R 14W	S 25	Harcuvar	3
S-268	7620+50	T 5N	R 14W	S 25	Harcuvar	4
S-269	7620+93	T 5N	R 14W	S 25	Harcuvar	20
S-270	7633+11	T 5N	R 14W	S 25	Harcuvar	15
S-271	7635+50	T 5N	R 14W	S 25	Harcuvar	8
S-272	7636+50	T 5N	R 14W	S 25	Hope	3
S-273	7639+08	T 5N	R 14W	S 25	Hope	3
S-274	7640+26	T 5N	R 14W	S 25	Hope	8
S-275	7650+25	T 5N	R 14W	S 25	Hope	10
S-276	7651+30	T 5N	R 14W	S 25	Hope	15
S-277	7654+19	T 5N	R 14W	S 25	Hope	7
S-278	7654+81	T 5N	R 14W	S 25	Hope	4
S-279	7655+89	T 5N	R 14W	S 25	Hope	5
S-280	7656+46	T 5N	R 14W	S 25	Hope	10
S-281	7660+50	T 5N	R 14W	S 25	Hope	3
S-282	7661+40	T 5N	R 14W	S 25	Hope	20

<i>Stream</i>	<i>Stationing</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>	<i>USGS Quadrangle</i>	<i>Flow Width (feet)</i>
S-283	7671+75	T 5N	R 14W	S 25	Hope	3
S-284	7679+32	T 5N	R 14W	S 25	Hope	10
S-285	7734+06	T 5N	R 14W	S 3	Hope	44
S-289	7780+32	T 4N	R 14W	S 4	Hope	25
S-290	7783+73	T 4N	R 14W	S 4	Hope	8
S-291	7881+52	T 4N	R 14W	S 4	Hope	5
S-292	7887+40	T 4N	R 14W	S 6	Hope	4
S-293	7892+00	T 4N	R 14W	S 6	Hope	15
S-294	7903+82	T 4N	R 14W	S 6	Hope	5
S-295	7907+23	T 4N	R 14W	S 6	Hope	3
S-296	7915+32	T 4N	R 14W	S 6	Hope	100
S-297	8292+25	T 4N	R 15W	S 7	Vicksburg	20
S-298	8329+25	T 4N	R 16W	S 14	Bear Hills	9
S-299	8354+47	T 4N	R 16W	S 14	Bear Hills	12
S-300	8401+48	T 4N	R 16W	S 15	Bear Hills	5
S-301	8411+96	T 4N	R 16W	S 15	Bear Hills	8
S-302	8443+78	T 4N	R 16W	S 16	Bear Hills	3
S-303	8451+78	T 4N	R 16W	S 16	Bear Hills	7
S-304	8456+60	T 4N	R 16W	S 16	Bear Hills	3
S-305	8479+45	T 4N	R 16W	S 16	Bear Hills	12
S-306	8483+63	T 4N	R 16W	S 17	Bear Hills	3
S-307	8485+63	T 4N	R 16W	S 17	Bear Hills	3
S-308	8496+55	T 4N	R 16W	S 17	Bear Hills	17
S-309	8497+50	T 4N	R 16W	S 17	Bear Hills	30
S-310	8532+00	T 4N	R 16W	S 17	Bear Hills	65
S-311	8541+17	T 4N	R 16W	S 17	Bear Hills	8
S-312	8560+15	T 4N	R 16W	S 19	Bear Hills	6
S-313	8592+94	T 4N	R 17W	S 24	Bear Hills	25

<i>Stream</i>	<i>Stationing</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>	<i>USGS Quadrangle</i>	<i>Flow Width (feet)</i>
S-314	8595+47	T 4N	R 17W	S 24	Bear Hills	3
S-315	8596+47	T 4N	R 17W	S 24	Bear Hills	5
S-316	8610+88	T 4N	R 17W	S 24	Bear Hills	30
S-317	8628+89	T 4N	R 17W	S 24	Bear Hills	4
S-318	8634+13	T 4N	R 17W	S 24	Bear Hills	7
S-319	8665+36	T 4N	R 17W	S 24	Bear Hills	20
S-320	8668+00	T 4N	R 17W	S 24	Bear Hills	5
S-321	8669+38	T 4N	R 17W	S 24	Bear Hills	30
S-322	8677+34	T 4N	R 17W	S 24	Bear Hills	3
S-323	8719+70	T 4N	R 17W	S 24	Bear Hills	7
S-324	8725+06	T 4N	R 17W	S 24	Bear Hills	6
S-325	8728+20	T 4N	R 17W	S 24	Bear Hills	5
S-326	8731+16	T 4N	R 17W	S 24	Bear Hills	4
S-327	8742+81	T 4N	R 17W	S 24	Plomosa Pass	6
S-328	8746+81	T 4N	R 17W	S 24	Plomosa Pass	15
S-329	8757+54	T 4N	R 17W	S 24	Plomosa Pass	18
S-330	8762+95	T 4N	R 17W	S 24	Plomosa Pass	7
S-331	8774+77	T 4N	R 17W	S 24	Plomosa Pass	16
S-332	8848+45	T 4N	R 17W	S 24	Plomosa Pass	5
S-333	8857+18	T 4N	R 17W	S 24	Plomosa Pass	15
S-334	8861+02	T 4N	R 17W	S 24	Plomosa Pass	25
S-335	8876+99	T 4N	R 17W	S 24	Plomosa Pass	23
S-336	8886+27	T 4N	R 17W	S 24	Plomosa Pass	4
S-337	8891+60	T 4N	R 17W	S 19	Plomosa Pass	20
S-338	8938+32	T 4N	R 17W	S 24	Plomosa Pass	7
S-339	8963+74	T 4N	R 17W	S 24	Plomosa Pass	10
S-340	8964+88	T 4N	R 17W	S 24	Plomosa Pass	4
S-341	8988+63	T 4N	R 18W	S 23	Plomosa Pass	43

<i>Stream</i>	<i>Stationing</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>	<i>USGS Quadrangle</i>	<i>Flow Width (feet)</i>
S-342	9027+86	T 4N	R 18W	S 23	Plomosa Pass	25
S-343	9032+90	T 4N	R 18W	S 23	Plomosa Pass	3
S-344	9188+51	T 4N	R 18W	S 19	Quartzsite	15
S-345	9197+47	T 4N	R 18W	S 19	Quartzsite	3
S-346	9202+29	T 4N	R 18W	S 19	Quartzsite	4
S-347	9204+90	T 4N	R 19W	S 19	Quartzsite	3
S-348	9226+05	T 4N	R 19W	S 19	Quartzsite	5
S-349	9230+02	T 4N	R 19W	S 19	Quartzsite	8
S-350	9241+91	T 4N	R 19W	S 19	Quartzsite	100
S-351	9249+59	T 4N	R 19W	S 25	Quartzsite	6
S-352	9322+51	T 4N	R 19W	S 23	Quartzsite	5
S-353	9344+36	T 4N	R 19W	S 23	Quartzsite	5
S-354	9348+87	T 4N	R 19W	S 23	Quartzsite	3
S-355	9361+05	T 4N	R 19W	S 22	Quartzsite	4
S-356	9379+92	T 4N	R 19W	S 22	Quartzsite	45
S-357	9389+99	T 4N	R 19W	S 22	Quartzsite	20
S-358	9420+67	T 4N	R 19W	S 21	Quartzsite	120
S-359	9434+42	T 4N	R 19W	S 28	Quartzsite	15
S-360	9527+18	T 4N	R 19W	S 30	Middle Camp Mtn	7
S-361	9539+61	T 4N	R 19W	S 30	Middle Camp Mtn	10
S-362	9551+20	T 4N	R 19W	S 30	Middle Camp Mtn	38
S-363	9602+26	T 4N	R 20W	S 25	Middle Camp Mtn	25
S-364	9610+05	T 4N	R 20W	S 25	Middle Camp Mtn	10
S-365	9615+09	T 4N	R 20W	S 36	Middle Camp Mtn	5
S-366	9617+01	T 4N	R 20W	S 36	Middle Camp Mtn	4
S-367	9674+02	T 4N	R 20W	S 35	Middle Camp Mtn	4
S-368	9723+89	T 4N	R 20W	S 34	Middle Camp Mtn	5
S-369	9731+40	T 4N	R 20W	S 34	Middle Camp Mtn	15

<i>Stream</i>	<i>Stationing</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>	<i>USGS Quadrangle</i>	<i>Flow Width (feet)</i>
S-370	9735+45	T 4N	R 20W	S 34	Middle Camp Mtn	15
S-371	9764+00	T 4N	R 20W	S 33	Middle Camp Mtn	25
S-372	9773+03	T 4N	R 20W	S 33	Middle Camp Mtn	9
S-373	9778+00	T 4N	R 20W	S 33	Middle Camp Mtn	5
S-374	9786+15	T 4N	R 20W	S 33	Middle Camp Mtn	3
S-375	9805+96	T 4N	R 20W	S 33	Middle Camp Mtn	8
S-376	9812+30	T 4N	R 20W	S 32	Middle Camp Mtn	6
S-377	9820+71	T 4N	R 20W	S 32	Middle Camp Mtn	15
S-378	9825+94	T 4N	R 20W	S 32	Middle Camp Mtn	15
S-379	9834+38	T 4N	R 20W	S 32	Middle Camp Mtn	10
S-380	9846+93	T 4N	R 20W	S 32	Middle Camp Mtn	10
S-381	9847+50	T 4N	R 20W	S 32	Middle Camp Mtn	4
S-382	9849+60	T 4N	R 20W	S 32	Middle Camp Mtn	5
S-383	9853+70	T 4N	R 20W	S 32	Middle Camp Mtn	7
S-384	9858+40	T 4N	R 20W	S 31	Middle Camp Mtn	6
S-385	9862+83	T 4N	R 20W	S 31	Middle Camp Mtn	40
S-386	9873+00	T 4N	R 20W	S 31	Middle Camp Mtn	3
S-386a	9882+61	T 4N	R 20W	S 31	Middle Camp Mtn	12
S-386b	9892+15	T 4N	R 20W	S 31	Middle Camp Mtn	30
S-386c	9895+98	T 4N	R 20W	S 31	Middle Camp Mtn	24
S-387	9903+42	T 4N	R 20W	S 31	Middle Camp Mtn	6
S-388	9807+30	T 4N	R 20W	S 31	Middle Camp Mtn	3
S-389	9909+80	T 4N	R 20W	S 31	Middle Camp Mtn	18
S-390	9976+30	T 4N	R 21W	S 36	Middle Camp Mtn	3
S-391	9986+24	T 3N	R 21W	S 1	La Paz Mtn	40
S-392	9996+55	T 3N	R 21W	S 2	La Paz Mtn	6
S-393	9999+17	T 3N	R 21W	S 2	La Paz Mtn	4
S-394	10065+45	T 3N	R 21W	S 3	La Paz Mtn	4

<i>Stream</i>	<i>Stationing</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>	<i>USGS Quadrangle</i>	<i>Flow Width (feet)</i>
S-395	10070+04	T 3N	R 21W	S 3	La Paz Mtn	12
S-396	10072+38	T 3N	R 21W	S 3	Dome Rock Mts SW	10
S-396a	10082+33	T 3N	R 21W	S 3	Dome Rock Mts SW	5
S-396b	10085+01	T 3N	R 21W	S 3	Dome Rock Mts SW	4
S-396c	10088+96	T 3N	R 21W	S 3	Dome Rock Mts SW	3
S-396d	10091+51	T 3N	R 21W	S 3	Dome Rock Mts SW	17
S-396e	10100+34	T 3N	R 21W	S 9	Dome Rock Mts SW	17
S-397	10147+43	T 3N	R 21W	S 9	Dome Rock Mts SW	3
S-398	10163+91	T 3N	R 21W	S 8	Dome Rock Mts SW	14
S-399	10175+64	T 3N	R 21W	S 8	Dome Rock Mts SW	5
S-400	10182+00	T 3N	R 21W	S 8	Dome Rock Mts SW	9
S-401	10184+80	T 3N	R 21W	S 8	Dome Rock Mts SW	5
S-402	10205+69	T 3N	R 21W	S 8	Dome Rock Mts SW	4
S-403	10207+34	T 3N	R 21W	S 8	Dome Rock Mts SW	15
S-404	10208+83	T 3N	R 21W	S 8	Dome Rock Mts SW	25
S-405	10216+00	T 3N	R 21W	S 8	Dome Rock Mts SW	17
S-405a	10217+57	T 3N	R 21W	S 7	Dome Rock Mts SW	3
S-405b	10220+03	T 3N	R 21W	S 7	Dome Rock Mts SW	5
S-405c	10223+92	T 3N	R 21W	S 7	Dome Rock Mts SW	3
S-405d	10227+30	T 3N	R 21W	S 7	Dome Rock Mts SW	3
S-405e	10248+71	T 3N	R 21W	S 7	Dome Rock Mts SW	5
S-405f	10262+14	T 3N	R 21W	S 7	Dome Rock Mts SW	30
S-405g	10263+08	T 3N	R 21W	S 7	Dome Rock Mts SW	10
S-405h	10271+83	T 3N	R 21W	S 7	Dome Rock Mts SW	4
S-406	10287+35	T 3N	R 21W	S 13	Dome Rock Mts SW	40
S-407	10303+21	T 3N	R 21W	S 13	Dome Rock Mts SW	8
S-407a	10322+20	T 3N	R 21W	S 13	Dome Rock Mts SW	4
S-407b	10332+55	T 3N	R 21W	S 13	Dome Rock Mts SW	12

<i>Stream</i>	<i>Stationing</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>	<i>USGS Quadrangle</i>	<i>Flow Width (feet)</i>
S-408	10339+18	T 3N	R 21W	S 14	Dome Rock Mts SW	4
S-408a	10355+72	T 3N	R 21W	S 14	Dome Rock Mts SW	18
S-408b	10358+95	T 3N	R 21W	S 14	Dome Rock Mts SW	4
S-409	10370+57	T 3N	R 21W	S 14	Dome Rock Mts SW	11
S-410	10374+04	T 3N	R 21W	S 14	Dome Rock Mts SW	3
S-411	10380+83	T 3N	R 21W	S 14	Dome Rock Mts SW	6
S-412	10383+55	T 3N	R 21W	S 14	Dome Rock Mts SW	3
S-413	10386+40	T 3N	R 21W	S 15	Dome Rock Mts SW	3
S-414	10400+24	T 3N	R 21W	S 15	Dome Rock Mts SW	11
S-415	10401+60	T 3N	R 21W	S 15	Dome Rock Mts SW	3
S-415a	10407+85	T 3N	R 21W	S 15	Dome Rock Mts SW	3
S-415b	10408+53	T 3N	R 21W	S 15	Blythe, CA	10
S-416	10458+79	T 6S	R 22W	S 16	Blythe, CA	300
S-417	10487+85	T 6S	R 22W	S 36	Blythe, CA	30
S-418	10506+29	T 7S	R 22W	S 1	Blythe, CA	5
S-419	10535+40	T 6S	R 22W	S 35	Blythe, CA	7
S-420	10552+65	T 6S	R 22W	S 34	Blythe, CA	4
S-421	10556+25	T 6S	R 22W	S 34	Blythe, CA	15
S-422	10566+08	T 6S	R 22W	S 34	Blythe, CA	20

Appendix I-3

Special Status List, Plant Species – Link Three

Appendix I-3
Special Status Species List and Descriptions, Plant Species – Link Three

Scientific Name	Common Name	Federal Status	Other Status	County of Occurrence	Range and Habitat Requirements	Likelihood of Occurrence within the ROW
<i>Abutilon parishii</i>	Pima Indian mallow	USFWS-Species of Concern USFS-Sensitive	ANPL-Salvage Restricted	Maricopa Pima Pinal	Santa Catalina and Muzatzal Mountains	Highly unlikely
<i>Abutilon thurberi</i>	Thurber Indian mallow	None	ANPL-Salvage Restricted	Pima	Partial shade at the mouths of canyons on western slope of the Baboquivari Mountains.	Highly unlikely
<i>Acacia smallii</i>	sweet acacia	USFS-Sensitive		Pima	Baboquivari mountains; hillsides and canyons, desert grassland, lower southwestern oak woodlands	Unlikely
<i>Acleisanthes longiflora</i>	angel trumpets		CNPS-extremely Rare	Riverside	Occurs on carbonate substrate in creosote bush scrub	Unlikely
<i>Agave arizonica</i>	Arizona agave	USFWS-Listed-Endangered USFS-Sensitive	ANPL-Highly Safeguarded	Maricopa	Shallow cobbly and gravely steep slopes and rock outcrops on mid-elev. hills and mountains, 3400 to 5400 ft elev.	Highly unlikely
<i>Agave delamateria</i>	Tonto basin agave	Species of Concern USFS-Sensitive	ANPL-Highly Safeguarded	Maricopa	<i>No information available</i>	Highly unlikely
<i>Agave murpheyi</i>	Hohokum agave	Species of Concern USFS-Sensitive	ANPL-Highly Safeguarded	Maricopa Pinal	Roosevelt and Tonto Basins; Paradise Valley; Queen Creek near Superior	Highly unlikely

Scientific Name	Common Name	Federal Status	Other Status	County of Occurrence	Range and Habitat Requirements	Likelihood of Occurrence within the ROW
<i>Agave parviflora ssp parviflora</i>	Santa Cruz striped agave	Species of Concern USFS-Sensitive	ANPL-Highly Safeguarded	Pima	Mountains west of Nogales; Parjarito Mountains; Arivaca; known range does not extend to ROW.	Highly unlikely
<i>Agave schottii</i> var. <i>treleasei</i>	Trelease agave	Species of Concern USFS-Sensitive	ANPL-Highly Safeguarded	Pima	Santa Catalina and Ajo Mountains on sunny open rocky slopes or small drainages; 3000 to 5600 ft. elev..	Highly unlikely
<i>Agave toumeyana</i> var. <i>bella</i>	Tourmey agave	None	ANPL-Salvage Restricted	Maricopa Pinal	Pinal Mountains Fish Creek Hill in eastern Maricopa County, Superstition Mountains; 2000 to 5000 ft. elev.	Highly unlikely
<i>Allium gooddingii</i>	Goodding onion	USFS-Sensitive	ANPL-Highly Safeguarded	Pima	Moist shady conifer bottoms; moist north-facing slopes of mixed conifer and spruce/fir forests.	Highly unlikely
<i>Allium plummerae</i>	Plummer onion	None	ANPL-Salvage Restricted	Pima	Wet meadows and streambanks, rocky mountain slopes ; 6500 to 9000 feet elev.	Highly unlikely
<i>Amoreuxia gonzalezii</i>	saiya	Species of Concern USFS-Sensitive	ANPL-Salvage Restricted	Pima	Santa Rita Mountains	Highly unlikely
<i>Amsonia grandiflora</i>	large-flowered blue star	Species of Concern USFS-Sensitive		Pima	Near Patogonia and Ruby; 4000 to 4500 elev; known range does not extend to proposed ROW.	Highly unlikely
<i>Amsonia kearneyana</i>	Kearney's blue star	Listed-Endangered	ANPL-Highly Safeguarded	Pima	West-facing drainages in the Boboquivari Mountains.	Highly unlikely

Scientific Name	Common Name	Federal Status	Other Status	County of Occurrence	Range and Habitat Requirements	Likelihood of Occurrence within the ROW
<i>Asclepias lemmonii</i>	Lemmon milkweed	USFS-Sensitive		Pima	Open pine woods; 4000 to 6000 ft elev.; Chiricahua and hHuachuca Mountains.	Highly unlikely
<i>Astragalus insularis</i> var. <i>harwoodii</i>	Harwood's milk-vetch	None	CNPS-Very Rare	Imperial Riverside San Diego	Dune habitats	Highly unlikely
<i>Boerhavia megaptera</i>	Tucson mountain spiderling	USFS-Sensitive		Pima	Mountains west of Tucson; 2500 to 4500 feet.	Highly unlikely
<i>Carex chihuahuensis</i>	Chihuahua sedge	USFS-Sensitive		Pima	Southeastern Arizona; 600 feet elev.; Pinuleno Mountains	Highly unlikely
<i>Carex ultra</i>	Arizona giant sedge	USFS-Sensitive		Pima	Southern Arizona.	Unlikely
<i>Capsicum annuum</i> var. <i>glabriusculum</i>	chiltepin	USFS-Sensitive		Pima	West slope of the Baboquivari Mtns.; ~4000 ft elev. in canyon.	Highly unlikely
<i>Coryphantha scheeri</i> var. <i>robustispina</i>	Pima pineapple cactus	Listed-Endangered	ANPL-Highly Safeguarded	Pima	Alluvial valleys, hillsides in rocky to sandy or silty soils; known range is south of ROW.	Highly unlikely
<i>Dalea tentaculoides</i>	Gentry indigo bush	Species of Concern USFS-Sensitive	ANPL-Highly Safeguarded	Pima	Baboquivari Mountains; Sycamore Canyon; 5000 to 7000 ft elev.	Highly unlikely
<i>Echinocactus horizonthalonius</i> var. <i>nicholii</i>	Nichol Turk's head cactus	Listed-Endangered	ANPL-Highly Safeguarded	Pima Pinal	Unshaded limestone microsites in Sonoran desert scrub on dissected alluvial fans and on terraces and saddles; known locations in Waterman and Vekol Mountains; 2400 to 3600 ft. elev.	Unlikely

Scientific Name	Common Name	Federal Status	Other Status	County of Occurrence	Range and Habitat Requirements	Likelihood of Occurrence within the ROW
<i>Echinocereus arizonicus</i> <i>orcutt</i> var. <i>arizonicus</i>	Arizona hedgehog cactus	Listed-Endangered	ANPL-Highly Safeguarded	Pinal	Rugged steep-walled canyons, boulder piles, ridges and slopes; needs extensive rock cover; 3400-5300 ft. elev.	Highly unlikely
<i>Echinomastus erectocentrus</i> var. <i>acunensis</i>	Acuna cactus	Candidate	ANPL-Highly Safeguarded	Pima Pinal	Well-drained knolls and gravel ridges in Sonoran desert scrub; known range is south of proposed ROW; known range is south and west of proposed ROW.	Highly unlikely
<i>Echinomastus erectocentrus</i> var. <i>erectocentrus</i>	needle-spined pineapple cactus	Species of Concern	ANPL-Salvage Restricted	Pima Pinal	Alluvial fans and hills on southern and western exposures at 3000 to 4600 ft elev.; south and east of Tucson; eastern Pinal County; known range is south and east of proposed ROW.	Highly unlikely
<i>Erigeron piscaticus</i>	Fishcreek fleabane	Species of Concern USFS-Sensitive	ANPL-Highly Safeguarded	Maricopa	<i>No information available</i>	Unlikely
<i>Eriogonum capillare</i>	San Carlos wild buckwheat	Species of Concern	ANPL-Salvage Restricted	Pima Pinal	San Carlos, Roosevelt, near Winkelman and Patagonia Mountains; 2000 to 3000 ft elev.; known range is east of proposed ROW.	Unlikely
<i>Eriogonum ripleyi</i>	Ripley wild buckwheat	Species of Concern USFS-Sensitive	ANPL-Highly Safeguarded	Maricopa	Carbonate soils in creosote bush scrub; pinyon pine forest above 6000 ft. elev.	Highly unlikely

Scientific Name	Common Name	Federal Status	Other Status	County of Occurrence	Range and Habitat Requirements	Likelihood of Occurrence within the ROW
<i>Escobaria vivipara</i> <i>var. alversonii</i>	foxtail cactus	Species of Concern	CNPS-Very rare	Imperial Riverside San Bernadino	Both sandy and rocky areas; preference for heavy rocky soils with decomposing granite or basalt; 250-500 ft. elev.; associated with creosote bush scrub in upland habitats west of Lower Colorado River floodplain.	Unlikely
<i>Feroactus eastwoodiae</i>	golden barrel cactus	None	ANPL-Salvage Restricted	Pima Pinal	Western Pima County near Organ Pipe Cactus National Monument; Dripping Springs and Mescal Mountains in Pinal and Gila Counties; ledges at 1300 to 3800 ft. elev.	Highly unlikely
<i>Fremontodendron californicum</i>	flannel bush	None	ANPL-Salvage Restricted	Maricopa Pinal	Cliff dweller Canyon Pima Co.; 3500 to 6000 ft elev. On dry north canyon slopes	Highly unlikely
<i>Graptopetalum bartramii</i>	Bartram stonecrop	Species of Concern USFS-Sensitive	ANPL-Salvage Restricted	Pima	Baboquivari Mtns.; 4000 to 5000 ft elev. Growing with scrub oaks; Patagonia and Tumacacori Mtns in Santa Cruz Co.	Highly unlikely
<i>Hermannia pauciflora</i>	sparseleaf hermannia	USFS-Sensitive		Pima	Santa Catalina and Tucson Mtns.; 3000 ft. dry slopes	Highly unlikely
<i>Heterotheca rutteri</i>	Huachuca golden aster	Species of Concern USFS-Sensitive		Pima	Dry plains and mesas; ~5000 ft elev.	Highly unlikely

Scientific Name	Common Name	Federal Status	Other Status	County of Occurrence	Range and Habitat Requirements	Likelihood of Occurrence within the ROW
<i>Heuchera eastwoodiae</i>	eastwood alumroot	USFS-Sensitive		Maricopa	5000 to 6000 ft elev.; all known occurrences are in mountains north of proposed ROW	Highly unlikely
<i>Hexalectris revoluta</i>	Chisos coral-root	USFS-Sensitive		Pima	Rich mountain soil	Highly unlikely
<i>Hexalectris spicata</i>	crested coral-root	None	ANPL-Salvage Restricted	Pima	Santa Rita Mtns; rich soil among rocks	Highly unlikely
<i>Hieracium rusbyi</i>	Rusby hawkweed	USFS-Sensitive		Pima	Dry mountain slopes; 6000 to 9000 ft elev.	Highly unlikely
<i>Lilaeopsis schaffneriana</i> var. <i>recurva</i>	Huachuca water umbel	Listed-Endangered	ANPL-Highly Safeguarded	Pima	Cienegas, perennial low gradient streams, wetlands; known range is south of proposed ROW.	Highly unlikely
<i>Lilium parryi</i>	Lemmon lily	Species of Concern USFS-Sensitive		Pima	Grows in canyons with perennial water and high elev. meadows; Huachuca and Santa Rita Mountains.	Highly unlikely
<i>Listera convallarioides</i>	broadleaf twayblade	None	ANPL-Salvage Restricted	Pima	Santa Catalina Mtns.; 8000 ft elev.	Highly unlikely
<i>Lophocereus schottii</i>	senita	None	ANPL-Salvage Restricted	Pima	Western Pima Co.; 1000 to 2000 ft elev.; known range is south of ROW	Highly unlikely
<i>Lupinus huachucanus</i>	Huachuca mountain lupine	USFS-Sensitive		Pima	Santa Rita Mtns.; pine woods 5000 to 6000 ft. elev.	Highly unlikely
<i>Lysiloma microphylla</i> var. <i>thornberi</i>	feather bush	None	ANPL-Salvage Restricted	Pima	Rock ledges in foothills of Rincon Mtns. ~3500 ft elev.	Highly unlikely

Scientific Name	Common Name	Federal Status	Other Status	County of Occurrence	Range and Habitat Requirements	Likelihood of Occurrence within the ROW
<i>Mabrya acerifolia</i>	mapleleaf false snapdragon	USFS-Sensitive		Maricopa Pinal	Side canons along the Salt River; shaded rock ledges and cliffs; ~2000 ft elev.; eastern Maricopa County.	Highly unlikely
<i>Malaxis tenuis</i>	slender adders mouth	None	ANPL-Salvage Restricted	Pima	Santa Catalina Mountains; 7000 ft elev.	Highly unlikely
<i>Mammillaria mainiae</i>	counter clockwise fishhook cactus	USFS-Sensitive	ANPL-Salvage Restricted	Pima	Gravel or coarse sandy soil of hills, washes and alluvial fans near the Mexican border.	Highly unlikely
<i>Mammillaria thornberi</i>	Thornbern fishhook cactus	None	ANPL-Salvage Restricted	Pima Pinal	Sandy or fine soils under shrubs in flats and washes in the desert at 800 to 2400 ft elev.; Known range is south and west of proposed ROW.	Highly unlikely
<i>Mammillaria viridiflora</i>	varied fishhook cactus	None	ANPL-Salvage Restricted	La Paz Maricopa Pima Pinal	Gravelly soil of plains and hills in grassland, desert grassland and woodland at 5000 to 8000 ft elev.	Highly unlikely
<i>Manihot davisiae</i>	Arizona manihot	USFS-Sensitive		Pima	Santa Catalina and Baboquivari Mtns.; 3000 to 4000 ft elev.	Highly unlikely
<i>Matelea cordifolia</i>	Sonoran milkweed vine	USFS-Sensitive		Pima	Ajo Mtns.; Canyon Diablo; 5000 ft elev.	Unlikely
<i>Metastelma mexicanum</i>	Wiggins milkweed vine	Species of Concern USFS-Sensitive		Pima	dry rocky slopes	Unlikely
<i>Muhlenbergia dubiodes</i>	box canyon muhly	USFS-Sensitive		Pima	Santa Rita and Catalina Mountains	Unlikely
<i>Muhlenbergia xerophila</i>	weeping muhly	USFS-Sensitive		Pima	Canyons; Bear Valley; Sycamore canyon.	Unlikely

Scientific Name	Common Name	Federal Status	Other Status	County of Occurrence	Range and Habitat Requirements	Likelihood of Occurrence within the ROW
<i>Neovansia striata</i>	dahlia rooted cereus	None	ANPL-Salvage Restricted	Pima	<i>No information available.</i>	Unlikely
<i>Notholaena lemmonii</i>	Lemmon cloak fern	Species of Concern	None	Pima	Santa Rita, Tumacacori, Rincon and Santa Catalina Mtns.; 4000 ft elev.; dry rocky slopes	Highly unlikely
<i>Passiflora foetida</i>	foetid passionflower	None	ANPL-Salvage Restricted	Pima	Canyons on west side of Baboquivari Mountains	Highly unlikely
<i>Pectis imberbis</i>	beardless chinchweed	Species of Concern USFS-Sensitive		Pima	4000 to 5500 ft elev.	Highly unlikely
<i>Penstemon discolor</i>	Catalina beardtongue	USFS-Sensitive	ANPL-Highly Safeguarded	Pima Pinal	Bear Canyon in Santa Catalina Mtns; 6000 to 7500 ft elev.	Highly unlikely
<i>Perityle ajoensis</i>	Ajo rock daisy	None	ANPL-Salvage Restricted	Pima	rocky slopes	Highly unlikely
<i>Perityle gilensis</i> var. <i>gilensis</i>	Gila rock daisy	USFS-Sensitive		Pinal	Crevices on cliffs at ~2500 ft elev.	Highly unlikely
<i>Perityle saxicola</i>	Fish Creek rock daisy	Species of Concern USFS-Sensitive		Maricopa	Crevices on cliffs at ~2500 ft elev.	Highly unlikely
<i>Pholisma arenarium</i>	scaly sandplant	None	ANPL-Highly Safeguarded	La Paz	Sand dunes and sandy areas below 650 feet; associated with creosote bush scrub; parasitic.	Unlikely
<i>Physalis latiphysa</i>	broad-leaf ground-cherry	USFS-Sensitive		Pima	<i>No information available</i>	Unlikely

Scientific Name	Common Name	Federal Status	Other Status	County of Occurrence	Range and Habitat Requirements	Likelihood of Occurrence within the ROW
<i>Platanthera limosa</i>	Thurber's bog orchid	None	ANPL-Salvage Restricted	Pima	7000 to 8000 ft elev. in rich, moist mountain forests.	Highly unlikely
<i>Pucinellia parishii</i>	Parish alkali grass	Species of Concern	ANPL-Highly Safeguarded	San Juan	5000 to 6000 ft elev. on marshy ground.	Highly unlikely
<i>Purshia subintegra</i>	Arizona cliffrose	Listed-Endangered	ANPL-Highly Safeguarded	Maricopa	Low nutrient calcareous soils; 2050 to 3500 ft elev.; known locations are northeast of proposed ROW.	Highly unlikely
<i>Samolus vagans</i>	Chiricahua mountain brookweed	USFS-Sensitive		Pima	3500 to 6000 ft elev. in wet sand.	Highly unlikely
<i>Shiedeella parasitica</i>	fallen ladies' - tresses	None	ANPL-Salvage Restricted	Pima	Deep shade under Douglas fir in Santa Rita and Chiicahua Mountains.	Highly unlikely
<i>Senecio carlomasonii</i>	Seemann groundsel	USFS-Sensitive		Pima	Mountains; 4000 to 6000 ft. in rich shaded soil	Highly unlikely
<i>Sisyrinchium cernuum</i>	nodding blue-eyed grass	USFS-Sensitive		Pima	Streamsides; 4000 ft elev.	Highly unlikely
<i>Solanum lumholtzianum</i>	Lumholtz nightshade	USFS-Sensitive		Pima	3000 to 4000 ft elev; sandy roadside soil near Arivaca	Unlikely
<i>Stenocereus thurbberi</i>	Organ Pipe cactus	None	ANPL-Salvage Restricted	Pima Pinal	Up to 3000 ft elev.;Valley of the Ajo; known range is south of ROW	Highly unlikely
<i>Stevia lemmonii</i>	Lemmon's stevia	USFS-Sensitive		Pima	Santa Catalina Mountains; rocky canyons 2500 to 5000 ft elev.	Highly unlikely
<i>Tephrosia thurberi</i>	Thurber hoary pea	USFS-Sensitive		Pima	Dry slopes among oak and pines; 4500 to 7000 elev.	Highly unlikely
<i>Triteleopsis palmeri</i>	blue sand lily	None	ANPL-Salvage Restricted	Pima	Western base of Gila Mtns.; dunes; 250 ft. elev.	Highly unlikely

Scientific Name	Common Name	Federal Status	Other Status	County of Occurrence	Range and Habitat Requirements	Likelihood of Occurrence within the ROW
<i>Tumamoca macdougallii</i>	Tumamoc globeberry	USFS-Sensitive	ANPL-Salvage Restricted	Maricopa Pima Pinal	Pima County near Tucson; dry soil among rocks.	Unlikely
<i>Viola umbraticola</i>	shade violet	USFS-Sensitive		Pima	Santa Catalina Mtns.; ponderosa pine forests; 7500 ft elev.	Highly unlikely
<p>Status Definitions:</p> <p>Federal:</p> <p style="padding-left: 40px;"><i>USFWS</i></p> <p style="padding-left: 40px;"><u>Endangered</u>: Imminent jeopardy of extinction.</p> <p style="padding-left: 40px;"><u>Candidate</u>: Species for which USFWS has sufficient information on biological vulnerability and threats to support proposals to list as Threatened or Endangered.</p> <p style="padding-left: 40px;"><u>Species of Concern</u>: Species whose entire realm of taxa whose conservation status may be of concern to the USFWS, but has no official status.</p> <p>USFS</p> <p style="padding-left: 40px;"><u>Sensitive</u>: Those taxa occurring on National Forests I Arizona which are considered sensitive by the Regional Forester.</p> <p style="text-align: center;">Other</p> <p style="padding-left: 40px;">ANPL: Arizona Native Plant Law</p> <p style="padding-left: 40px;">CNPS: California Native Plant Society</p>						

* Arizona Counties: La Paz, Maricopa, Pima, Pinal. California County: Riverside

** Information included in this Table was compiled from the following sources: BisonM

Appendix I-4

Special Status List, Vertebrate/Invertebrate Species – Link Three

Appendix I-4
Special Status Species List and Descriptions, Vertebrate / Invertebrate Species – Link Three

Scientific Name	Common Name	Federal Status	Other Status	County of Occurrence, Arizona or California *	Range and Habitat Requirements **	Likelihood of Occurrence within the ROW
<i>Accipiter gentilis</i>	northern goshawk	USFWS-Species of Concern USFS-Sensitive	AGFD-WSC	Pima	Inhabits mountainous coniferous forests.	Highly Unlikely
<i>Aimophila quinquestrata</i>	five-striped sparrow	None	USFS-Sensitive	Pima	Inhabits dense bush and grass on hillsides of desert canyons near the Mexico border.	Highly Unlikely
<i>Antilocapra americana sonoriensis</i>	Sonoran pronghorn	USFWS-Listed-Endangered USFS-Sensitive	AGFD-WSC	Maricopa Pima	Inhabits grassy desertscrub in northwestern Sonora, Mexico and adjacent Arizona borderlands, mainly Yuma Co.	Highly Unlikely
<i>Ardea alba</i>	Great egret	None	AGFD-WSC	Maricopa Pinal	Common resident at Picacho Reservoir; elsewhere rare transient and visitant wherever there is water.	Likely
<i>Asturina nitida maxima</i>	northern gray hawk	USFWS-Species of Concern USFS-Sensitive	AGFD-WSC	Pima Pinal	Inhabits tall cottonwood riparian woodlands in south Pima Co.; casual visitor at Pinal Air Park pecan grove.	Unlikely
<i>Athene uniularia hypugea</i>	western burrowing owl	None	Local Species of Concern	Pima Maricopa	Often in colonies inhabiting abandoned burrows of prairie dogs, ground squirrels, woodchucks, foxes, or badgers; breed in grasslands, prairies, or open areas near human habitation, especially golf courses, and airports	Likely
<i>Bufo microscaphus microscaphus</i>	Arizona toad	USFWS-Species of Concern USFS-Sensitive		La Paz Maricopa	Breeds in intermittent or permanent small rivers and streams with rocky or sandy substrates; occurs in scattered locations throughout northwestern and central Arizona.	Unlikely

Scientific Name	Common Name	Federal Status	Other Status	County of Occurrence, Arizona or California *	Range and Habitat Requirements **	Likelihood of Occurrence within the ROW
<i>Buteogallus anthracinus</i>	Common blackhawk	USFS-Sensitive	AGFD-WSC	Maricopa Pima Pinal	Uncommon summer resident in riparian habitat along Arivaipa Creek and lower San Pedro River.	Highly unlikely
<i>Canis lupus baileyi</i>	Mexican gray wolf	Listed-Endangered		Pima	Unconfirmed reports for the southern part of the state.	Highly Unlikely
<i>Caracara plancus</i>	crested caracara	None	AGFD-WSC	Pima	Rare and local resident in desert scrub southwest of Tucson.	Highly Unlikely
<i>Charadrius alexandrinus nivosus</i>	Western snowy plover	USFS-Sensitive	AGFD-WSC	Maricopa	Rare transient in lakes and ponds; irregular breeder at Wilcox.	Highly Unlikely
<i>Charadrius montanus</i>	Mountain plover	Proposed for listing	None	Pima Riverside	Wading bird and grassland nesting species; locally uncommon winter resident in agricultural areas; small flocks in Sulpher Springs Valley; Arizona provides only winter habitat.	Unlikely
<i>Charina trivirgata gracia</i>	Desert rosy boa	USFWS-Species of Concern USFS-Sensitive		La Paz Maricopa Pima	Inhabits desert foothills with rocks and boulders from sea level to 4500 feet.	Unlikely
<i>Charina trivirgata trivirgata</i>	Mexican rosy boa	Species of Concern	None	Pima	Inhabits desert foothills with rocks and boulders from sea level to 4500 feet.	Unlikely
<i>Chionactis palarostris organica</i>	Organ pipe shovelnose snake	None	USFS-Sensitive	Pima	Inhabits loose sandy areas such as dunes and washes and rocky hillsides with sandy areas between rocks; vegetation is usually sparse.	Highly unlikely

Scientific Name	Common Name	Federal Status	Other Status	County of Occurrence, Arizona or California *	Range and Habitat Requirements **	Likelihood of Occurrence within the ROW
<i>Choeronycteris mexicana</i>	Mexican long-tongued bat	Species of Concern	AGFD-WSC	Pima Pinal	Inhabits deep canyons, caves and mine tunnels as day roosts; also found in buildings; in Arizona, they are found mine tunnels, caves, rock fissures, or rarely buildings from the lower edge of the oak zone through the pine-oak woodland to the pine-fir belt; probably feeds on the nectar and pollen of agave and saguaro flowers.	Unlikely
<i>Cnemidophorus burti xanthonotus</i>	redback whiptail	USFWS-Species of Concern USFS-Sensitive		Pima	Inhabits areas of dense shrubby vegetation along the banks of stream courses and in nearby interspersed openings of the canyon floor and gentler slopes; occurs in Coronado National Forest.	Unlikely
<i>Colinus virginianus ridgwayi</i>	masked bobwhite	Listed-Endangered	AGFD-WSC	Maricopa Pima	Only known Arizona population was re-introduced at Buenos Aires Natl. Wildl. Refuge; which is far south of proposed ROW.	Highly Unlikely
<i>Coccyzus americanus occidentalis</i>	Western yellow-billed cuckoo	USFWS-Undergoing status review to determine if listing is warranted. USFS-Sensitive	AGFD-WSC	La Paz Maricopa Pima Pinal	Inhabits tall dense riparian growth; most known locations in San Pedro, Santa Cruz, and Arivaca drainages.	Highly unlikely
<i>Dendrocygna autumnalilis</i>	black-bellied whistling-duck	None	AGFD-WSC	Maricopa Pima Pinal	Locally uncommon summer resident at ponds in Santa Cruz Valley, Arivaca, and lower San Pedro River valley.	Highly Unlikely
<i>Dendrocygna bicolor</i>	fulvous whistling-duck	Species of Concern	None	Pima	Accidental; documented at Kino Springs.	Highly Unlikely

Scientific Name	Common Name	Federal Status	Other Status	County of Occurrence, Arizona or California *	Range and Habitat Requirements **	Likelihood of Occurrence within the ROW
<i>Egretta thula</i>	Snowy egret	None	AGFD-WSC	Maricopa	Uncommon visitant and transient; casual winter visitant.	Unlikely
<i>Empidonax fulvifrons pygmaeus</i>	northern buff-breasted flycatcher	Species of Concern	AGFD-WSC	Pima	Inhabits pine forests of Huachuca Mountains; casual to rare in Santa Rita Mountains.	Highly Unlikely
<i>Empidonax traillii extimus</i>	Southwestern willow flycatcher	Listed-Endangered	AGFD-WSC	La Paz Maricopa Pinal Riverside	Inhabits Sonoran deciduous forest, woodland, and scrub habitats near perennial water.	Likely
<i>Eumeces gilberti arizonensis</i>	Arizona skink	USFWS-Species of Concern USFS-Sensitive	AGFD-WSC	Maricopa	Little is known about this subspecies distribution; may be restricted to riparian habitats along perennial reaches of the Hassayampa River and its tributaries below Wickenburg.	Unlikely
<i>Eumops perotis californicus</i>	Greater western mastiff bat	Species of Concern	None	La Paz Maricopa Pima Pinal	Year-round resident of Arizona; inhabits rugged rocky areas in Sonoran desert scrub; roosts in crevices; forages for insects in open areas.	Unlikely
<i>Eumops underwoodi</i>	Underwood's mastiff bat	Species of Concern	None	Pima	In Arizona, known from the reservoirs and waterways along the Baboquivari Mountains, all close to the Mexican boundary.	Highly unlikely
<i>Falco peregrinus anatum</i>	American peregrine falcon	Species of Concern	AGFD-WSC	La Paz Maricopa Pima Pinal	Requires cliffs and steep terrain near permanent water.	Highly unlikely.
<i>Felis onca</i>	Jaguar	Listed-Endangered	AGFD-WSC	Pima	Most often found associated with Madrean evergreen woodlands, semi-desert grasslands, and riverine habitats.	Highly unlikely

Scientific Name	Common Name	Federal Status	Other Status	County of Occurrence, Arizona or California *	Range and Habitat Requirements **	Likelihood of Occurrence within the ROW
<i>Gastrophryne olivacea</i>	Great plains narrowmouth toad	None	AGFD-WSC	Maricopa Pinal	Inhabits seasonally or permanently wet areas of dense grass within semi-desert grassland and oak woodland.	Unlikely
<i>Glaucidium brasilianum cactorum</i>	Cactus ferruginous pygmy-owl	Listed-Endangered	AGFD-WSC	Maricopa Pima Pinal	Potential nesting and foraging habitat exists on site.	Likely
<i>Gopherus agassizii</i> (Mohave population)	Desert tortoise Mohave population	Listed-Threatened		Riverside	Inhabits rocky foothills, lower bajadas, and semidesert grasslands.	Unlikely
<i>Gopherus agassizii</i> (Sonoran population)	Desert tortoise Sonoran population	Species of Concern	AGFD-WSC	La Paz Maricopa Pinal Pima	Occurs across much of Arizona's Sonoran desert principally in rocky foothills and less often on lower bajadas an in semi-desert grassland.	Likely
<i>Haliaeetus leucocephalus</i>	Bald eagle	Listed-Threatened (Recently proposed for delisting)	AGFD-WSC	La Paz Maricopa Pinal Pima	Some are nesting residents, but most winter along rivers and reservoirs; requires large trees or cliffs near water.	Unlikely
<i>Herpailurus yagouaroundi tolteca</i>	jaguarundi	Listed Endangered		Pima	Inhabits thorny forests, deciduous forests, humid pre-montane forests, upland dry savannahs, swampy grasslands, riparian areas and dense brush; unconfirmed reports are for the southern part of the state.	Highly unlikely
<i>Ictinia mississippiensis</i>	Mississippi kite	None	AGFD-WSC	Maricopa Pinal	Uncommon local summer resident along the Lower San Pedro River.	Highly Unlikely

Scientific Name	Common Name	Federal Status	Other Status	County of Occurrence, Arizona or California *	Range and Habitat Requirements **	Likelihood of Occurrence within the ROW
<i>Ixobrychus exilis hesperis</i>	Western least bittern	Species of Concern	AGFD-WSC	Maricopa Pinal	Confirmed breeding in dense cattail marshes along the lower Colorado River, a few localities along the Salt and Gila rivers, Picacho Reservoir, and (south of Safford) Dankworth Ponds.	Unlikely
<i>Kinosternon sonoriense longifemorale</i>	Sonoyta mud turtle	USFWS-Candidate for listing USFS-Sensitive		Pima	Inhabits ponds and streams; known from the Coconino, Coronado and Tonto National Forests and Sulpher Springs Valley.	Highly unlikely
<i>Lasiurus blossevillii</i>	western red bat	None	AGFD-WSC	Pinal Maricopa Pima	Summer resident in Arizona; inhabits riparian and wooded areas; roosts in tree foilage, saguaro cavities and caves; insectivore; few Arizona records.	Unlikely
<i>Laterallus jamaicensis coturniculus</i>	California black rail	USFWS-Species of Concern USFS- Sensitive	AGFD-WSC	La Paz	Nests very locally in sedge and cattail marshes along the lower Colorado River.	Unlikely
<i>Leopardus pardalis</i>	ocelot	Listed-Endangered		Pima	Inhabits woodlands and forests with dense cover; unconfirmed reports for the southern part of the state.	Highly unlikely
<i>Leptonycteris curasoae yerbabuena</i>	Lesser long-nosed bat	Listed-Endangered	AGFD-WSC	Maricopa Pima Pinal	Requires specific roost sites (caves & abandoned mines) and dense stands of saguaro or agave for forage.	Unlikely

Scientific Name	Common Name	Federal Status	Other Status	County of Occurrence, Arizona or California *	Range and Habitat Requirements **	Likelihood of Occurrence within the ROW
<u>Macrotus californicus</u>	California leaf-nosed bat	Species of Concern	AGFD-WSC	La Paz Maricopa Pima Pinal	Inhabits desert scrub, alkali scrub, desert washes, riparian associations and palm oases. Roosts in caves, mines, and abandoned structures; occurs throughout Arizona and eastern California and is found along the Colorado River wherever suitable foraging and roosting structures are available.	Likely
<i>Masticophis bilineatus lineolatus</i>	Ajo mountain whipsnake	USFS-Sensitive		Pima	Abundant in rock slopes, rare in mesquite-dominated bajadas of the Sulphur Springs Valley in Arizona; occurs in the Apache-Sitgreaves, Coronado, and Tonto National Forests.	Highly Unlikely
<i>Melanerpes uropygialis</i>	Gila woodpecker	None	Local Species of Concern	La Paz Maricopa Pima Pinal Riverside	Occurs in a wide variety of lowland and middle elevation habitats, ranging from stands of saguaro cacti to open forest; ranges from southeastern California, central Arizona, and southwestern New Mexico southward through western Mexico	Likely

Scientific Name	Common Name	Federal Status	Other Status	County of Occurrence, Arizona or California *	Range and Habitat Requirements **	Likelihood of Occurrence within the ROW
<i>Micrathene whitneyi</i>	elf owl	None	Local Species of Concern	La Paz Maricopa Pima Pinal Riverside	Inhabits Sonoran desert scrub and desert riparian deciduous woodlands, marsh. woodlands, especially cottonwoods, that occur where desert streams provide sufficient moisture for a narrow band of trees and shrubs along the margins. In Arizona, elf owls are present primarily during the summer and fall; though they are considered common at the Coronado National Memorial NP	Unlikely
<i>Myotis lucifugus occultus</i>	Occult little brown bat	Species of Concern	None	Pima	Inhabits a wide variety of habitat types; forages along shorelines and roost sin living or dead trees, under rocks or woodland in buildings and miens; occurs locally throughout Arizona and eastern CA, reportedly along LCR lowlands and adjacent mountain ranges.	Likely
<i>Myotis velifer</i>	Cave myotis	Species of Concern	None	La Paz Maricopa Pima Pinal	Inhabits creosote scrub, brittlebush, cactus scrub, and riparian habitats; roosts in mines caves, tunnels , bridges and abandoned buildings; forages over water for insects; occurs in southwestern Arizona and adjacent California, records exist for LCR and adjacent mountain ranges.	Likely

Scientific Name	Common Name	Federal Status	Other Status	County of Occurrence, Arizona or California *	Range and Habitat Requirements **	Likelihood of Occurrence within the ROW
<i>Myotis yumanensis</i>	Yuma myotis	Species of Concern	None	La Paz Maricopa	Occurs in a variety of habitats including riparian, arid shrublands and deserts, and forests; usually associated with permanent sources of water, typically rivers and streams; also use tinajas; found under some bridges in Arizona; roosts in bridges, buildings, cliff crevices, caves, mines, and trees.	Likely
<i>Neotoma albigula venusta</i>	white-throated woodrat	None	Local Species of Concern	Riverside		Likely
<i>Pachyramphus aglaiae</i>	rose-throated becard	None	AGFD-WSC	Pima	Rare and local summer resident at Sonoita and Arivaca Creeks and Sycamore Canyon	Highly Unlikely
<i>Pelecanus occidentalis</i>	brown pelican	Listed-Endangered		La Paz	Uncommon transient along the LCR; no breeding records for Arizona.	Unlikely
<i>Phrynosoma cornutum</i>	Texas horned lizard	Species of Concern	None	Pima	Inhabits flat open generally dry land with little plant cover; occurs in Coronado National Forest; abundant in grassland flats and mesquite dominated flats in Sulpher Springs Valley.	Unlikely
<i>Phyllorhynchus browni lucidus</i>	Maricopa leafnose snake	USFS-Sensitive		Maricopa Pima Pinal	Inhabits upland rocky or sandy desert; occurs from Tucson west to Organ Pipe Cactus NM at the southern base of the Arizona plateau.	Highly unlikely
<i>Plecotus townsendii pallescens</i>	Pale Townsend's big-eared bat	Species of Concern	None	La Paz Maricopa Pima Pinal	Most often inhabits Mohave mixed scrub and lowland riparian communities.	Unlikely
<i>Pternohyla fodiens</i>	lowland burrowing treefrog	None	AGFD-WSC	Pima	Occurs on Coronado National Forest	Highly unlikely

Scientific Name	Common Name	Federal Status	Other Status	County of Occurrence, Arizona or California *	Range and Habitat Requirements **	Likelihood of Occurrence within the ROW
<i>Pyrocephalus rubinus</i>	vermillion flycatcher				Inhabits desert riparian deciduous woodland, Marsh. Woodlands, especially of cottonwoods, that occur where desert streams provide sufficient moisture for a narrow band of trees and shrubs along the margins, and in Sonoran desert scrub with open to dense vegetation of shrubs, low trees, and succulents. Fairly common summer residents in Arizona that breed in Gila National Forest.	Unlikely
<i>Rallus longirostris yamanensis</i>	Yuma Clapper Rail	Listed-Endangered	AGFD-WSC	La Paz Maricopa Pinal Riverside	Inhabits freshwater and brackish marshes with dense cattails, bulrushes, and other aquatic vegetation; nest sites are near upland in shallow sites dominated by mature vegetation, often in the base of a shrub; occur in marshes along the Colorado River, from Topock Marsh to Mexico; on the Gila and Salt rivers upstream of the Verde confluence; and at Picacho Reservoir; also the Salton Sea (CA).	Unlikely
<i>Rana chiricahuensis</i>	Chiricahua leopard frog	USFWS-Candidate for Listing USFS-Sensitive	AGFD-WSC	Pima	Inhabits rocky streams and wetlands; requires permanent water sources; disjunct populations occur locally in central and southeastern Arizona.	Unlikely

Scientific Name	Common Name	Federal Status	Other Status	County of Occurrence, Arizona or California *	Range and Habitat Requirements **	Likelihood of Occurrence within the ROW
<i>Rana yavapaiensis</i>	Lowland leopard frog	USFWS-Species of Concern USFS-Sensitive	AGFD-WSC	La Paz Maricopa Pima Pinal	Inhabits permanent water associated with small streams and rivers, spring marshes and shallow ponds; believed extirpated from Lower Gila and Colorado Rivers; currently known locations are primarily in upper Gila and Bill Williams River drainage.	Highly Unlikely
<i>Sigmodon ochrognathus</i>	yellow-nosed cotton rat	Species of Concern		Pima	Inhabits grassy, rocky slopes within the oak belt in southeastern Arizona; occurs on the west and north side of Baboquivari Mountains and the north side of Santa Catalina Mountains; nests are located either on the surface under large, drooping clumps of bear grass or agave, or in thickets of tall grass, or below ground.	Highly Unlikely
<i>Strix occidentalis lucida</i>	Mexican spotted owl	Listed- Threatened	AGFD-WSC	Maricopa Pima	Montane forests and woodlands and canyon bottoms generally above 6,000-ft. elevation.	Highly unlikely
<i>Thamnophis eques megalops</i>	Mexican garter snake	USFWS-Species of Concern USFS-Sensitive	AGFD-WSC	Maricopa Pima Pinal	Typically aquatic; associates with springs and streams; range includes central, southcentral and southeastern Arizona; occurs within the Coronado National Forest.	Highly unlikely

Scientific Name	Common Name	Federal Status	Other Status	County of Occurrence, Arizona or California *	Range and Habitat Requirements **	Likelihood of Occurrence within the ROW
<i>Toxostoma crissale</i>	crissal thrasher		Local Species of Concern	La Paz Maricopa Pima Pinal Riverside	Inhabits desert riparian deciduous woodlands, marshes, desert riparian deciduous woodland, marsh -- woodlands, especially cottonwoods, that occur where desert streams provide sufficient moisture for a narrow band of deciduous trees and shrubs along the margins.	Likely
<i>Tyrannus crassirostris</i>	thick-billed kingbird	None	AGFD-WSC	Pima Pinal	Inhabits riparian woodlands usually with sycamores in canyons along the Mexican border west to the Baboquivari Mountains.	Highly Unlikely
<i>Tyrannus melancholicus</i>	tropical kingbird	None	AGFD-WSC	Pima Pinal	Rare and local summer nester at Kino Springs, Arivaca Cienega, Pinal Air Park pecan grove and lower San Pedro River.	Unlikely
<i>Uma notata rufopunctata</i>	Cowles fringe-toed lizard	USFWS-Species of Concern USFS-Sensitive	AGFD-WSC	Pima	Occurs mainly in and near Mohawk Dunes in sand; lives in underground burrows.	Highly unlikely
<i>Uma scoparia</i>	Mohave fringe-toed lizard	None	AGFD-WSC	La Paz	Principally inhabits wind blown sands, but also found in coarser sand; lives in underground burrows; found near Bouse Dunes and Cactus Plains and in sands near Quartsite and Parker.	Unlikely

Special Status Species List and Descriptions, Vertebrate / Invertebrate Species – Link Three

Status Definitions:

Federal:

USFWS

Endangered: Imminent jeopardy of extinction.

Threatened: Imminent jeopardy of becoming endangered.

Proposed Endangered: Proposed Rule has been published in Federal Register to list as Endangered.

Proposed Threatened: Proposed Rule has been published in Federal Register to list as Threatened.

Candidate: Species for which USFWS has sufficient information on biological vulnerability and threats to support proposals to list as Threatened or Endangered.

Species of Concern: Species whose entire realm of taxa whose conservation status may be of concern to the USFWS, but has no official status.

USFS

Sensitive: Those taxa occurring on National Forests I Arizona which are considered sensitive by the Regional Forester.

Other

Local Species of Concern: USFWS concerns about locally occurring species, whose populations may be declining, no Federal status

Wildlife of Special Concern (WSC): Species whose occurrence in Arizona is or may be in jeopardy

* **Arizona Counties: La Paz, Maricopa, Pima, Pinal. California County: Riverside**

** **Information included in this Table was compiled from the following sources: Bison M**

Appendix I-5

Socioeconomic Data – Link Three

Appendix I-5
Socioeconomic Data – Link Three

<i>County Level Socioeconomic Data</i>					
	Pima County	Pinal County	Maricopa County	La Paz County	Riverside County
Population	780,150	143,340	2,696,190	14,910	1,447,791
Acres	5,877,760	3,443,200	5,904,640	2,880,000	
Ethnic Mix	90% White 3% Black 3% American Indian 2% Asian 27% Hispanic	85% White 3% Black 10% American Indian 0% Asian 32% Hispanic	91% White 4% Black 2% American Indian 2% Asian 18 % Hispanic	80% White 1% Black 17% American Indian 1% Asian 24% Hispanic	87% White 6% Black 1% American Indian 5% Asian 32% Hispanic
Housing Units	261,792	39,154	807,560	5348	483,847
Labor Force	382,090	56,620	1,403,160	6,600	618,055
Unemployment Rate	3%	5%	3%	11%	8.2
Median Household Income	28,700	23,520	33,910	20,350	34,226
References: U.S. Census Bureau, 1990 Census Data , U.S. Department of Commerce, 1990					

<i>Temporary Housing Statistics</i>			
Deployment Area	Estimated Number of Motels in Area	Estimated Total Occupancy for Area*	General Vacancy Rate
Pima County	169	8,450 people	- high year-round
Pinal County	40	2,000 people	- high during winter - low during summer
Maricopa County	427	2,1350 people	- low during spring and summer - high during fall and winter
La Paz County	20	1,000 people	- high year-round
Blythe, CA	22	1,100 people	- high during summer and winter - low during spring and fall
* Based on assumed average of 50 rooms per motel or hotel			