

sand compaction mean	average sand compaction, as measured with sand pentrometer, per transect and cluster
sum # Sand-treaders	sum total of Sand-treader Cricket burrows per transect and cluster
mean # Sand-trders	sum total of Sand-Treader Cricket burrows per cluster/# of transects
A.lentiginosis density by count	density of Astragalus lentiginosis var. coachellae per transect (total number of plants counted/1000m) and cluster (total number of plants counted/1000m X # of transects)
Aeolian Sand%cover	percent cover by Aeolian Sand substrate per transect and cluster
Silt/Clay%cover	percent cover by Silt/Clay substrate per transect and cluster
Coarse Sand/Gravel%cover	percent cover by Coarse Sand/Gravel substrate per transect and cluster
Rock%cover	percent cover by Rock substrate per transect and cluster
# arthropod taxa	count number of arthropod species per stake, transect and cluster
sum# arthropods	sum total of arthropods per stake, transect and cluster
# ant sp.	count number of ant species per stake, transect and cluster
mean # ant sp.	average number of total ant species per transect and cluster
sum# Pogonomyrmex	sum total of Pogonomyrmex ants (P.californicus and P. magnacanthus) per transect and cluster
mean# Pogos	average number of total Pogonomyrmex ants (P.californicus and P. magnacanthus) per transect and cluster
sum# Messor perg.	sum total of Messor pergandei ants per transect and cluster
mean# Messor	average number of total Messor pergandei ants per transect and cluster
sum# Myrmecocystus sp	sum total of Myrmecocystus ants (M.flaviceps, M.kennedyi, and M.tenuinodus) per transect and cluster
mean# Myrmecs	average number of total Myrmecocystus ants (M.flaviceps, M.kennedyi, and M.tenuinodus) per transect and cluster
count# ant prey	count number of ant prey species (P.californicus, P. magnacanthus, Messor pergandei, M.flaviceps, M.kennedyi, and M.tenuinodus) per transect and cluster
sum# ant prey	sum total of all ant prey species (P.californicus, P. magnacanthus, Messor pergandei, M.flaviceps, M.kennedyi, and M.tenuinodus) per transect and cluster
mean# ant prey	average number of total ant prey species (P.californicus, P. magnacanthus, Messor pergandei, M.flaviceps, M.kennedyi, and M.tenuinodus) per transect [sum total of transect/3] and cluster [sum total of transects/number of transects]
count# Pogo+Messor	count number of Pogonomyrmex and Messor ant species (P.californicus, P. magnacanthus, Messor pergandei) per transect and cluster
sum# Pogo+Messor	sum total of all Pogonomyrmex and Messor ants (P.californicus, P. magnacanthus, Messor pergandei) per transect and cluster
mean# Pogo+Messor	average number of total Pogonomyrmex and Messor ants (P.californicus, P. magnacanthus, Messor pergandei) per transect [sum total of transect/3] and cluster [sum total of transects/number of transects]
# beetle sp.	count number of beetle species per stake, transect and cluster
sum# beetles	sum total of beetles per transect and cluster
mean # beetle sp.	average number of beetle species per transect and cluster
# sand dune beetle sp	count number of sand dune beetle species per stake, transect and cluster (Asbolus [Cryptoglossa] laevis, Batuloides obesus, Cheriodes californica, Chilometopon abnorme, Chilometopon brachystomum, Chilometopon pallidum, Cnemodinus testaceos, Edrotes barrowsi, Embaphion depressum, Eustattus dubious, Ulus crasus)
sum # sand dune beetles	sum total of sand dune beetles per stake, transect and cluster (Asbolus [Cryptoglossa] laevis, Batuloides obesus, Cheriodes californica, Chilometopon abnorme, Chilometopon brachystomum, Chilometopon pallidum, Cnemodinus testaceos, Edrotes barrowsi, Embaphion depressum, Eustattus dubious, Ulus crasus)
#arachnid sp	count number of arachnid species per stake, transect and cluster
sum arachnids	sum total of arachnids per stake, transect and cluster
Native Annual Spp Richness	count number of native annual plant species per transect and cluster
Exotic Annual Spp Richness	count number of exotic annual plant species (Chenopod sp., Salsola tragus, Schizmus barbatus, Tribulus terrestris, Brassica tournifortii, Erodium cicutarium, Poa sp. And Sisymbrium sp.) per transect and cluster

Total Annual Spp Richness	count number of combined native and exotic annual plant species per transect and cluster
Perennial Spp Richness	count number of perennial plant species per transect and cluster
Abronia villosa density	density of Abronia villosa (Sand Verbena) per transect (total number of plants/12m) and cluster (total number of plants/12m X # of transects)
Abronia villosa %cover	percent cover of Abronia villosa per transect (total estimated percent cover of plants/12m) and cluster (total estimated percent cover of plants/12m X # of transects)
Astrag. lentiginosus density	density of Astragalus lentiginosus var.coachellae (Coachella Valley Milkvetch) per transect (total number of plants/12m) and cluster (total number of plants/12m X # of transects)
Astrag. Lentiginosus %cover	percent cover of Astragalus lentiginosus var. coachellae per transect (total estimated percent cover of plants/12m) and cluster (total estimated percent cover of plants/12m X # of transects)
Camissonia claviformis density	density of Camissonia claviformis (Brown-eyed Primrose) per transect (total number of plants/12m) and cluster (total number of plants/12m X # of transects)
Camissonia claviformis %cover	percent cover of Camissonia claviformis per transect (total estimated percent cover of plants/12m) and cluster (total estimated percent cover of plants/12m X # of transects)
Dicoria canescens density	density of Dicoria canescens per transect (total number of plants/12m) and cluster (total number of plants/12m X # of transects)
Dicoria canescens %cover	percent cover of Dicoria canescens per transect (total estimated percent cover of plants/12m) and cluster (total estimated percent cover of plants/12m X # of transects)
Geraea canescens density	density of Geraea cansecens (Desert Sunflower) per transect (total number of plants/12m) and cluster (total number of plants/12m X # of transects)
Geraea canescens %cover	percent cover of Geraea canescens per transect (total estimated percent cover of plants/12m) and cluster (total estimated percent cover of plants/12m X # of transects)
Oenothera deltoides density	density of Oenothera deltoides (Dune Primrose) per transect (total number of plants/12m) and cluster (total number of plants/12m X # of transects)
Oenothera deltoides %cover	percent cover of Oenothera deltoides per transect (total estimated percent cover of plants/12m) and cluster (total estimated percent cover of plants/12m X # of transects)
Palafoxia arida density	density of Palafoxia arida (Spanish Needle) per transect (total number of plants/12m) and cluster (total number of plants/12m X # of transects)
Palafoxia arida %cover	percent cover of Palafoxia arida per transect (total estimated percent cover of plants/12m) and cluster (total estimated percent cover of plants/12m X # of transects)
Plantago ovata density	density of Plantago ovata (Woolly Plantain) per transect (total number of plants/12m) and cluster (total number of plants/12m X # of transects)
Plantago ovata %cover	percent cover of Plantago ovata per transect (total estimated percent cover of plants/12m) and cluster (total estimated percent cover of plants/12m X # of transects)
Tiquilia plicata density	density of Tiquilia plicata per transect (total number of plants/12m) and cluster (total number of plants/12m X # of transects)
Tiquilia plicata %cover	percent cover of Tiquilia plicata per transect (total estimated percent cover of plants/12m) and cluster (total estimated percent cover of plants/12m X # of transects)
Salsola tragus density	density of Salsola tragus (Russian Thistle) per transect (total number of plants/12m) and cluster (total number of plants/12m X # of transects)
Salsola tragus %cover	percent cover of Salsola tragus per transect (total estimated percent cover of plants/12m) and cluster (total estimated percent cover of plants/12m X # of transects)
Schizmus barbatus density	density of Schizmus barbatus per transect (total number of plants/12m) and cluster (total number of plants/12m X # of transects)
Schizmus barbatus %cover	percent cover of Schizmus barbatus per transect (total estimated percent cover of plants/12m) and cluster (total estimated percent cover of plants/12m X # of transects)
Brassica tournifortii density	density of Brassica tournifortii (Mustard) per transect (total number of plants/12m) and cluster (total number of plants/12m X # of transects)
Brassica tourniforti %cover	percent cover of Brassica tournifortii per transect (total estimated percent cover of plants/12m) and cluster (total estimated percent cover of plants/12m X # of transects)
Erodium cicutarium density	density of Erodium cicutarium (Fillare) per transect (total number of plants/12m) and cluster (total number of plants/12m X # of transects)

Erodium cicutarium %cover	percent cover of Erodium cicutarium per transect (total estimated percent cover of plants/12m) and cluster (total estimated percent cover of plants/12m X # of transects)
Total Native Annual density	density of all native annual plants per transect (total number of plants/12m) and cluster (total number of plants/12m X # of transects)
Total Native Annual %cover	percent cover of all native annual plants per transect (total estimated percent cover of plants/12m) and cluster (total estimated percent cover of plants/12m X # of transects)
Total Exotic Annual density	density of all exotic annual plants (Chenopod sp., Malva moschata, Salsola tragus, Schizmus barbatus, Tribulus terrestris, Brassica tournifortii, Erodium cicutarium, Poa sp. And Sisymbrium sp.) per transect (total number of plants/12m) and cluster (total number of plants/12m X # of transects)
Total Exotic Annual %cover	percent cover of all exotic annual plants (Chenopod sp., Malva moschata, Salsola tragus, Schizmus barbatus, Tribulus terrestris, Brassica tournifortii, Erodium cicutarium, Poa sp. And Sisymbrium sp.) per transect (total estimated percent cover of plants/12m) and cluster (total estimated percent cover of plants/12m X # of transects)
Total Annual density	density of all combined native and exotic annual plants per transect (total number of plants/12m) and cluster (total number of plants/12m X # of transects)
Total Annual %cover	percent cover of all combined native and exotic annual plants both dead and living per transect (total estimated percent cover of plants/12m) and cluster (total estimated percent cover of plants/12m X # of transects)
Atriplex canescens density	density of Atriplex canescens (Fourwing Saltbush) per transect (total number of plants/1000m) and cluster (total number of plants/1000m X # of transects)
Atriplex polycarpa density	density of Atriplex polycarpa (Allscale Saltbush) per transect (total number of plants/1000m) and cluster (total number of plants/1000m X # of transects)
Atriplex spp. density	density of all Atriplex species (A. canescens, A. polycarpa, A. lentiformis, A. hymenelytra) per transect (total number of plants/1000m) and cluster (total number of plants/1000m X # of transects)
Croton californica density	density of Croton californica (California Croton) per transect (total number of plants/1000m) and cluster (total number of plants/1000m X # of transects)
Ephedra nevadensis density	density of Ephedra nevadensis per transect (total number of plants/1000m) and cluster (total number of plants/1000m X # of transects)
Larrea tridentata density	density of Larrea tridentata (Creosote) per transect (total number of plants/1000m) and cluster (total number of plants/1000m X # of transects)
Lepidospartum squamatum density	density of Lepidospartum squamatum (Scalebroom) per transect (total number of plants/1000m) and cluster (total number of plants/1000m X # of transects)
Petalonyx thurberii density	density of Petalonyx thurberii (Sandpaper plant) per transect (total number of plants/1000m) and cluster (total number of plants/1000m X # of transects)
Psorothamnus arborescens density	density of Psorothamnus arborescens (Indigo Bush) per transect (total number of plants/1000m) and cluster (total number of plants/1000m X # of transects)
Prosopis glandulosa density	density of Prosopis glandulosa (Honey Mesquite) per transect (total number of plants/1000m) and cluster (total number of plants/1000m X # of transects)
Total shrub density	density of all perennial plants per transect (total number of plants/1000m) and cluster (total number of plants/1000m X # of transects)
Lizard sp. Rich.	Lizard Species Richness - number of lizard species per transect and cluster in Spring
Snake sp. Rich.	Snake Species Richness - number of snake species per transect and cluster in Spring
Reptile sp. Rich.	Reptile Species Richness - number of lizard and snake species combined per transect and cluster in Spring
Mammal sp. Rich.	Mammal Species Richness - number of mammal species (excluding vehicle tracks and human footprints) per transect and cluster in Spring
Total Vert. Sp. Rich.	Total Vertebrate Species Richness - number of lizard, snake, mammal (excluding vehicle tracks and human footprints) and bird species combined per transect and cluster in Spring
Fringe-toed(A)	Mean number of Coachella Valley Fringe-toed Lizard (Adult) tracks per transect and cluster in Spring
Fringe-toed(J)	Mean number of Coachella Valley Fringe-toed Lizard (Juvenile) tracks per transect and cluster in Spring
FT Horned(A)	Mean number of Flat-tailed Horned Lizard (Adult) tracks per transect and cluster in Spring

FT Horned(J)	Mean number of Flat-tailed Horned Lizard (Juvenile) tracks per transect and cluster in Spring
Des. Horned(A)	Mean number of Desert Horned Lizard (Adult) tracks per transect and cluster in Spring
Des. Horned(J)	Mean number of Desert Horned Lizard (Juvenile) tracks per transect and cluster in Spring
Des. Iguana(A)	Mean number of Desert Iguana (Adult) tracks per transect and cluster in Spring
Des. Iguana(J)	Mean number of Desert Iguana (Juvenile) tracks per transect and cluster in Spring
Z-tailed(A)	Mean number of Zebra-tailed Lizard (Adult) tracks per transect and cluster in Spring
Z-tailed(J)	Mean number of Zebra-tailed Lizard (Juvenile) tracks per transect and cluster in Spring
WWhip(A)	Mean number of Western Whiptail Lizard (Adult) tracks per transect and cluster in Spring
WWhip(J)	Mean number of Western Whiptail Lizard (Juvenile) tracks per transect and cluster in Spring
SBlotch(A)	Mean number of Side-blotched Lizard (Adult) tracks per transect and cluster in Spring
SBlotch(J)	Mean number of Side-blotched Lizard (Juvenile) tracks per transect and cluster in Spring
LeopLiz(A)	Mean number of Leopard Lizard (Adult) tracks per transect and cluster in Spring
LeopLiz(J)	Mean number of Leopard Lizard (Juvenile) tracks per transect and cluster in Spring
LT Brush(A)	Mean number of Long-tailed Brush Lizard (Adult) tracks per transect and cluster in Spring
LT Brush(J)	Mean number of Long-tailed Brush Lizard (Juvenile) tracks per transect and cluster in Spring
Gecko(A)	Mean number of Gecko (Adult) tracks per transect and cluster in Spring
Gecko(J)	Mean number of Gecko (Juvenile) tracks per transect and cluster in Spring
Sidewind(A)	Mean number of Sidewinder (Adult) tracks per transect and cluster in Spring
Sidewind(J)	Mean number of Sidewinder (Juvenile) tracks per transect and cluster in Spring
ShovNos(A)	Mean number of Shovel-nosed Snake (Adult) tracks per transect and cluster in Spring
ShovNos(J)	Mean number of Shovel-nosed Snake (Juvenile) tracks per transect and cluster in Spring
Coachwhip(A)	Mean number of Coachwhip Snake (Adult) tracks per transect and cluster in Spring
Coachwhip(J)	Mean number of Coachwhip Snake (Juvenile) tracks per transect and cluster in Spring
Other Snake Sp(A)	Mean number of Other (unidentified) Snake species (Adult) tracks per transect and cluster in Spring
Other Snake Sp(J)	Mean number of Other (unidentified) Snake species (Juvenile) tracks per transect and cluster in Spring
Total Coachwhip+Other Snake(A)	Mean number of total Coachwhip and other unidentified snake species combined (Adult) tracks per transect and cluster in Spring
Total Coachwhip+Other Snake(J)	Mean number of total Coachwhip and other unidentified snake species combined (Juvenile) tracks per transect and cluster in Spring
RTGSquirrel	Mean number of Round-tailed Ground Squirrel tracks per transect and cluster in Spring
Des.K-Rat	Mean number of Desert Kangaroo Rat tracks per transect and cluster in Spring
Mer. K-Rat	Mean number of Merriam's Kangaroo Rat tracks per transect and cluster in Spring
K-Rat sp.	Mean number of Kangaroo Rat species unknown tracks per transect and cluster in Spring
Total K-Rats	Mean number of total Kangaroo Rat tracks (combined Desert, Merriam's and species unknown) per transect and cluster in Spring
PS P-Mouse	Mean number of Palm Springs Pocket Mouse tracks per transect and cluster in Spring
Oth. P-Mouse	Mean number of all other species of Pocket Mouse tracks per transect and cluster in Spring
J-Rabbit	Mean number of Jackrabbit tracks per transect and cluster in Spring
Cottontail	Mean number of Cottontail tracks per transect and cluster in Spring
Coyote/dog	Mean number of Coyote and dog tracks per transect and cluster in Spring
Human(Veh)	Mean number of Vehicle tracks per transect and cluster in Spring
Human(Ft)	Mean number of Human footprints per transect and cluster in Spring
Kit Fox	Mean number of Kit Fox tracks per transect and cluster in Spring
Racoon	Mean number of Raccoon tracks per transect and cluster in Spring

Skunk	Mean number of Skunk tracks per transect and cluster in Spring
Woodrat	Mean number of Woodrat tracks per transect and cluster in Spring
Bobcat	Mean number of Bobcat tracks per transect and cluster in Spring
LETH	Mean number of LeConte's Thrasher tracks (or vocalizations if no tracks present on cluster) per transect and cluster in Spring
GRRO	Mean number of Greater Roadrunner tracks per transect and cluster in Spring
CORA	Mean number of Common Raven tracks per transect and cluster in Spring
LOSH	Mean number of Loggerhead Shrike vocalizations per transect and cluster in Spring
Kestrel	Mean number of American Kestrel sightings per transect and cluster in Spring
BUOW	Mean number of Burrowing Owl tracks per transect and cluster in Spring
Lizard sp. Rich.	Lizard Species Richness - number of lizard species per transect and cluster in Fall
Snake sp. Rich.	Snake Species Richness - number of snake species per transect and cluster in Fall
Reptile sp. Rich.	Reptile Species Richness - number of lizard and snake species combined per transect and cluster in Fall
Mammal sp. Rich.	Mammal Species Richness - number of mammal species (excluding vehicle tracks and human footprints) per transect and cluster in Fall
Total Vert. Sp. Rich.	Total Vertebrate Species Richness - number of lizard, snake, mammal (excluding vehicle tracks and human footprints) and bird species combined per transect and cluster in Fall
Fringe-toed(A)	Mean number of Coachella Valley Fringe-toed Lizard (Adult) tracks per transect and cluster in Fall
Fringe-toed(H)	Mean number of Coachella Valley Fringe-toed Lizard (Hatchling) tracks per transect and cluster in Fall
FT Horned(A)	Mean number of Flat-tailed Horned Lizard (Adult) tracks per transect and cluster in Fall
FT Horned(H)	Mean number of Flat-tailed Horned Lizard (Hatchling) tracks per transect and cluster in Fall
Des. Horned(A)	Mean number of Desert Horned Lizard (Adult) tracks per transect and cluster in Fall
Des. Horned(H)	Mean number of Desert Horned Lizard (Hatchling) tracks per transect and cluster in Fall
Des. Iguana(A)	Mean number of Desert Iguana (Adult) tracks per transect and cluster in Fall
Des. Iguana(H)	Mean number of Desert Iguana (Hatchling) tracks per transect and cluster in Fall
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Z-tailed(H)	Mean number of Zebra-tailed Lizard (Hatchling) tracks per transect and cluster in Fall
WWhip(A)	Mean number of Western Whiptail Lizard (Adult) tracks per transect and cluster in Fall
WWhip(H)	Mean number of Western Whiptail Lizard (Hatchling) tracks per transect and cluster in Fall
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SBlotch(H)	Mean number of Side-blotched Lizard (Hatchling) tracks per transect and cluster in Fall
LeopLiz(A)	Mean number of Leopard Lizard (Adult) tracks per transect and cluster in Fall
LeopLiz(H)	Mean number of Leopard Lizard (Hatchling) tracks per transect and cluster in Fall
Gecko(A)	Mean number of Gecko (Adult) tracks per transect and cluster in Fall
Gecko(H)	Mean number of Gecko (Hatchling) tracks per transect and cluster in Fall
Sidewind(A)	Mean number of Sidewinder (Adult) tracks per transect and cluster in Fall
Sidewind(H)	Mean number of Sidewinder (Hatchling) tracks per transect and cluster in Fall
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ShovNos(H)	Mean number of Shovel-nosed Snake (Hatchling) tracks per transect and cluster in Fall
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LT Brush(H)	Mean number of Long-tailed Brush Lizard (Hatchling) tracks per transect and cluster in Fall
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K-Rat sp.	Mean number of Kangaroo Rat species unknown tracks per transect and cluster in Fall

Total K-Rats	Mean number of total Kangaroo Rat tracks (combined Desert, Merriam's and species unknown) per transect and cluster in Fall
PS P-Mouse	Mean number of Palm Springs Pocket Mouse tracks per transect and cluster in Fall
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Kit Fox	Mean number of Kit Fox tracks per transect and cluster in Fall
Coyote/dog	Mean number of Coyote and dog tracks per transect and cluster in Fall
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Cottontail	Mean number of Cottontail tracks per transect and cluster in Fall
Racoon	Mean number of Raccoon tracks per transect and cluster in Fall
Skunk	Mean number of Skunk tracks per transect and cluster in Fall
LETH	Mean number of LeConte's Thrasher tracks per transect and cluster in Fall
GRRO	Mean number of Greater Roadrunner tracks per transect and cluster in Fall
CORA	Mean number of Common Raven tracks per transect and cluster in Fall
LOSH	Mean number of Loggerhead Shrike vocalizations per transect and cluster in Fall
Kestrel	Mean number of American Kestrel sightings per transect and cluster in Fall
BUOW	Mean number of Burrowing Owl tracks per transect and cluster in Fall
CVFTL Repro	Reproductive Productivity of Coachella Valley Fringe-toed Lizard per transect and cluster [sum total of Fall hatchlings/sum total of Spring adults]
FTHL Repro	Reproductive Productivity of Flat-tailed Horned Lizard per transect and cluster [sum total of Fall hatchlings/sum total of Spring adults]

Cluster	sand compaction mean	sum # Sand-treaders	mean # Sand-trders	A. lentiginosis density by count	sum # CVMV Perennials	sum # CVMV Annuals	Aeolian Sand % cover	Silt/Clay % cover	Coarse Sand/Gravel % cover
AD2	2.666778523	11	1.833333333	0	0	0	97.41666667	2.527777778	0.055555556
AD4	2.408653846	1	0.166666667	0	0	0	95.36111111	4.333333333	0.305555556
ADD		49	8.166666667	0	0	0			
CA	2.877016129	0	0	0	0	0	83.38333333	16.61666667	0
CB	3.883	0	0	0	0	0	72.42708333	27.54166667	0.052083333
D		0	0	0	0	0			
E		0	0	0	0	0			
ESF 7-12	2.835620915	0	0	0.000333333	2	0	79.31944444	0.013888889	20.08333333
ESF 13-18	3.507615894	0	0	0.000333333	2	0	31.91666667	0.027777778	62.45833333
ESF 19-24	3.07012987	38	6.333333333	0	0	0	61.80555556	0	36.11111111
ESF 25-30	3.165231788	0	0	0	0	0	32.65277778	18.20833333	48.125
ESF31-36		0	0	0	0	0			
F		0	0	0	0	0			
G		0	0	0	0	0			
H	2.725443787	0	0	0	0	0	91.89285714	8.107142857	0
I	2.582681564	15	2.142857143	0	0	0	99.77380952	0	0.214285714
J	2.578089888	0	0	0	0	0	83.78571429	11.76190476	4.452380952
K		0	0	0	0	0			
L	3.084857143	0	0	0	0	0	90.70238095	9.107142857	0.19047619
MH 1-6	3.381907895	0	0	0	0	0	69.58333333	29.83333333	0.513888889
MH 7-12	2.744444444	0	0	0	0	0	99.23611111	0.763888889	0
MH 13-18	2.650993377	0	0	0	0	0	91.83333333	2.138888889	6.027777778
MH 19-24	1.829113924	0	0	0	0	0	79.5	0.916666667	19.58333333
MH 25-29	2.058712121	0	0	0	0	0	80.56666667	1.266666667	18.16666667

Cluster	Rock % cover	# arthropod taxa	sum # arthropods	# ant sp.	mean # ant sp.	sum# Pogonomyrmex	mean # Pogos	sum # Messor perg.	mean # Messor	sum # Myrmecocystus sp	mean # Myrmecs	count # ant prey
AD2	0	21	117	3	1.05555556	39	2.16666667	0	0	10	0.55555556	3
AD4	0	23	222	2	1.11111111	78	4.33333333	0	0	6	0.33333333	2
ADD												
CA	0	16	189	3	1.73333333	115	7.66666667	0	0	10	0.66666667	3
CB	0.0104167	24	345	4	1.875	180	7.5	0	0	6	0.25	3
D												
E												
ESF 7-12	0.5833333	16	101	7	1.55555556	30	1.66666667	9	0.5	14	0.77777778	4
ESF 13-18	5.6666667	22	99	6	1.77777778	13	0.72222222	16	0.88888889	10	0.55555556	4
ESF 19-24	2.0833333	23	90	5	1.44444444	3	0.16666667	1	0.05555556	12	0.66666667	4
ESF 25-30	1.0138889	27	375	5	0.61111111	6	0.33333333	1	0.05555556	1	0.05555556	3
ESF31-36												
F												
G												
H	0	18	286	3	1.47619048	137	6.52380952	0	0	15	0.71428571	3
I	0.0119048	19	117	2	0.76190476	34	1.61904761	0	0	2	0.09523809	2
J	0	21	236	3	1.19047619	102	4.85714285	0	0	3	0.14285714	3
K												
L	0	21	284	4	1.04761905	151	7.19047619	2	0.09523809	2	0.09523809	4
MH 1-6	0	23	264	3	1.33333333	87	4.83333333	0	0	2	0.11111111	3
MH 7-12	0	18	230	3	1.44444444	84	4.66666667	0	0	8	0.44444444	3
MH 13-18	0	16	296	2	1.77777778	169	9.38888889	0	0	51	2.83333333	2
MH 19-24	0	18	70	5	0.72222222	9	0.5	0	0	14	0.77777778	3
MH 25-29	0	16	30	4	0.4	9	0.6	0	0	1	0.06666667	3

Cluster	sum # ant prey	mean # ant prey	count # Pogo+Messor	sum # Pogo+Messor	mean # Pogo+Messor	# beetle sp.	sum # beetles	mean # beetle sp.	# sand dune beetle ¹ sp	sum sand dune beetles ¹	# sand dune beetle ² sp	sum sand dune beetles ²
AD2	49	2.722222222	2	39	2.166666667	7	48	1.666666667	5	28		
AD4	84	4.666666667	2	78	4.333333333	11	101	2	7	22		
ADD												
CA	125	8.333333333	2	115	7.666666667	7	55	2.266666667	4	31		
CB	186	7.75	2	180	7.5	8	45	1.375	4	24		
D												
E												
ESF 7-12	53	2.944444444	3	39	2.166666667	3	29	1.222222222	2	26		
ESF 13-18	39	2.166666667	3	29	1.611111111	5	14	0.666666667	3	10		
ESF 19-24	16	0.888888889	2	4	0.222222222	8	14	0.722222222	2	4		
ESF 25-30	8	0.444444444	3	7	0.388888889	6	32	1.111111111	1	1		
ESF31-36												
F												
G												
H	152	7.238095238	2	137	6.523809524	7	56	1.714285714	4	34		
I	36	1.714285714	1	34	1.619047619	9	68	1.571428571	5	38		
J	105	5	2	102	4.857142857	7	84	1.80952381	5	43		
K												
L	155	7.380952381	3	153	7.285714286	7	108	2.476190476	4	58		
MH 1-6	89	4.944444444	2	87	4.833333333	9	52	1.888888889	4	28		
MH 7-12	92	5.111111111	2	84	4.666666667	7	121	2.388888889	4	91		
MH 13-18	220	12.22222222	1	169	9.388888889	6	44	1.277777778	3	14		
MH 19-24	23	1.277777778	2	9	0.5	7	21	0.777777778	2	5		
MH 25-29	10	0.666666667	2	9	0.6	5	10	0.333333333	1	4		

Cluster	# arachnid sp	sum arachnids	Native Annual Spp Richness	Exotic Annual Spp Richness	Total Annual Spp Richness	Perennial Spp Richness	Abronia villosa density	A. villosa % cover	Astragalus lentiginosus density	A. Lentiginosus % cover
AD2	2	1	0	0	0	4	0	0	0	0
AD4	3	16	0	0	0	3	0	0	0	0
ADD										
CA	3	4	0	0	0	4	0	0	0	0
CB	4	13	0	0	0	5	0	0	0	0
D										
E										
ESF 7-12	1	4	0	0	0	6	0	0	0	0
ESF 13-18	4	13	0	0	0	5	0	0	0	0
ESF 19-24	1	1	0	0	0	5	0	0	0	0
ESF 25-30	5	53	0	0	0	8	0	0	0	0
ESF31-36										
F										
G										
H	3	11	0	0	0	3	0	0	0	0
I	1	2	0	0	0	2	0	0	0	0
J	4	6	0	0	0	3	0	0	0	0
K										
L	2	5	0	0	0	3	0	0	0	0
MH 1-6	3	27	0	0	0	4	0	0	0	0
MH 7-12	4	8	0	0	0	4	0	0	0	0
MH 13-18	3	11	0	0	0	7	0	0	0	0
MH 19-24	1	1	1	0	1	9	0	0	0	0
MH 25-29	1	2	0	0	0	7	0	0	0	0

Cluster	E. cicutarium % cover	Total Native Annual density	Total Native Annual % cover	Total Exotic Annual density	Total Exotic Annual % cover	Total Annual density	Total Annual % cover	Atriplex canescens density	Atriplex polycarpa density	Atriplex spp. density	Croton californica density
AD2	0	0	0	0	0	0	0	0.0045	0.000166667	0.004666667	0
AD4	0	0	0	0	0	0	0	0.005333333	0.000166667	0.0055	0
ADD											
CA	0	0	0	0	0	0	0	0.007	0.0108	0.0178	0
CB	0	0	0	0	0	0	0	0.005	0.000125	0.005125	0
D											
E											
ESF 7-12	0	0	0	0	0	0	0	0	0	0	0.0085
ESF 13-18	0	0	0	0	0	0	0	0	0	0	0.216166667
ESF 19-24	0	0	0	0	0	0	0	0	0	0	0.059888889
ESF 25-30	0	0	0	0	0	0	0	0	0	0	0.000833333
ESF31-36											
F											
G											
H	0	0	0	0	0	0	0	0.006428571	0.028142857	0.034571429	0
I	0	0	0	0	0	0	0	0.000142857	0	0.000142857	0
J	0	0	0	0	0	0	0	0.004428571	0.004571429	0.009	0
K											
L	0	0	0	0	0	0	0	0.005285714	0.006285714	0.011571429	0
MH 1-6	0	0	0	0	0	0	0	0.002833333	0.000166667	0.003	0
MH 7-12	0	0	0	0	0	0	0	0.009	0.0025	0.0115	0
MH 13-18	0	0	0	0	0	0	0	0.032166667	0.011	0.043166667	0.000166667
MH 19-24	0	0.0138889	0.0138889	0	0	0.0138889	0.0138889	0.015	0.0055	0.0205	0.0005
MH 25-29	0	0	0	0	0	0	0	0.0094	0.001	0.0104	0.0002

Cluster	Ephedra nevadensis density	Larrea tridentata density	Lepidospartum squamatatum density	Petalonyx thurberii density	Psorothamnus arborescens density	Prosopis glandulosa density	Total shrub density	Lizard sp. Rich.	Snake sp. Rich.	Reptile sp. Rich.	Mammal sp. Rich.	Total Vert. Sp. Rich.	Fringe-toed (A)	Fringe-toed (J)
AD2	0	0.002	0	0	0	0	0.006833333	5	3	8	7		12.66666667	13.83333333
AD4	0	0.002666667	0	0	0	0	0.008333333	8	3	11	8		16.33333333	10.16666667
ADD														
CA	0	0.0006	0	0	0	0	0.0186	6	2	8	8		4.166666667	4.5
CB	0	0.001625	0	0	0	0	0.007375	7	3	10	9		0	0
D														
E														
ESF 7-12	0	0.000166667	0	0.013833333	0.037166667	0	0.063833333	3	2	5	7		1.333333333	3.666666667
ESF 13-18	0	0.002333333	0	0.008833333	0.017	0	0.038833333	5	1	6	8		1.166666667	2.166666667
ESF 19-24	0	0.0095	0	0.014166667	0.002833333	0	0.031666667	4	3	7	9		5.5	8.166666667
ESF 25-30	0.007	0.012833333	0	0.000666667	0.000166667	0	0.050166667	7	2	9	9		0.166666667	0
ESF31-36														
F														
G														
H	0	0.001142857	0	0	0	0	0.035714286	7	2	9	8		4.166666667	2
I	0	0.000428571	0	0	0	0	0.000571429	3	1	4	9		11.16666667	20.33333333
J	0	0.002285714	0	0	0	0	0.011285714	7	2	9	10		11.33333333	15
K														
L	0	0.001714286	0	0	0	0	0.013285714	5	3	8	7		3.5	4.5
MH 1-6	0	0.005166667	0	0	0	0.000666667	0.008833333	7	2	9	9		3.833333333	5.166666667
MH 7-12	0	0.0035	0	0	0	0.0005	0.0155	5	2	7	8		6	4.333333333
MH 13-18	0	0.004166667	0	0	0	0.008166667	0.058	8	3	11	8		0.166666667	0
MH 19-24	0	0.008	0	0	0	0.006666667	0.0425	9	3	12	10		6.166666667	4.833333333
MH 25-29	0	0.0106	0	0	0	0.0072	0.0292	6	3	9	9		3	3.5

Cluster	FT Horned (A)	FT Horned (J)	Des. Horned (A)	Des. Horned (J)	Des. Iguana (A)	Des. Iguana (J)	Z-tailed (A)	Z-tailed (J)	WWhip (A)	WWhip (J)	SBlotch (A)	SBlotch (J)	LeopLiz (A)
AD2	0.333333333	0.5	0	0	1	0.333333333	0	0	0.666666667	0	0	0	0.5
AD4	0.666666667	0.5	0	0	2.333333333	1	0	0.166666667	0.5	0	1	0	0.833333333
ADD													
CA	4	2.666666667	0	0	0.833333333	0.333333333	0	0	0.5	0.166666667	1	0	0
CB	2.5	1.333333333	0	0	7.166666667	5.166666667	0	0	0.666666667	0.5	2.333333333	0	1.833333333
D													
E													
ESF 7-12	0	0	0	0	2.833333333	0.666666667	4.333333333	4.833333333	0	0	0	0	0
ESF 13-18	0	0	0.166666667	0	7	2	5	2.5	0.166666667	0	0	0	0
ESF 19-24	0	0	0	0	1.333333333	0.166666667	6.166666667	4.166666667	0.833333333	0.333333333	0	0	0
ESF 25-30	0	0	0.166666667	0.166666667	0.166666667	0	3.333333333	1.5	3.833333333	0.333333333	0.166666667	0	0
ESF31-36													
F													
G													
H	2.333333333	0.5	0	0	0.333333333	0.166666667	0	0	0.333333333	0	3.166666667	0	0
I	0	0	0	0	0	0	0	0	0	0	0.166666667	0.166666667	0
J	0.833333333	0.5	0	0	0.166666667	0.666666667	0	0	0.666666667	0	2.333333333	0	0
K													
L	2	1	0	0	0.166666667	0	0	0	0	0	0.666666667	0	0
MH 1-6	0.833333333	0.666666667	0	0	2.5	1	0.166666667	0.333333333	0.833333333	0.5	0.5	0	0
MH 7-12	2	0.666666667	0	0	0.5	0	0	0	0.333333333	0	1	0	0
MH 13-18	0	0	0.333333333	0	2.333333333	0.833333333	5.5	2	7	0.333333333	9.166666667	0	1.166666667
MH 19-24	0	0	0	0.166666667	2.5	0.5	7	4.666666667	3.333333333	3.833333333	2.666666667	0	1
MH 25-29	0	0	0	0	2	0.166666667	3.833333333	2.333333333	2	1.666666667	1.166666667	0.166666667	0.333333333

Cluster	LeopLiz (J)	LT Brush (A)	LT Brush (J)	Gecko (A)	Gecko (J)	Sidewind (A)	Sidewind (J)	ShovNos (A)	ShovNos (J)	Coachwhip (A)	Coachwhip (J)	Other Snake (A)	Other Snake (J)
AD2	0	0	0	0	0	0.333333333	0	0.5	0.166666667	0.166666667	0	0	0
AD4	0.166666667	0.333333333	0	0	0	0.5	0	3.166666667	0.666666667	0.666666667	0	0	0
ADD													
CA	0	0	0	0.5	0	0.166666667	0	0.5	0	0	0	0	0
CB	0.333333333	1	0	0.166666667	0	0.166666667	0	3.166666667	1	0.166666667	0	0	0
D													
E													
ESF 7-12	0	0	0	0	0	0	0	0	0.166666667	0.166666667	0	0	0
ESF 13-18	0	0	0	0	0	0.666666667	0	0	0	0	0	0	0
ESF 19-24	0	0	0	0	0	0.333333333	0.333333333	0.666666667	0	0.333333333	0	0	0
ESF 25-30	0	0.166666667	0	0	0	0	0	1	0.166666667	0	0	0.166666667	0
ESF31-36													
F													
G													
H	0	0.333333333	0	1	0	0.333333333	0	1.833333333	0.333333333	0	0	0	0
I	0	0	0	0.5	0	0	0	0.333333333	0	0	0	0	0
J	0	0.333333333	0	1.5	0	1	0	2	0.5	0	0	0	0
K													
L	0	0	0	0.833333333	0	0.333333333	0.166666667	1	0	0.333333333	0	0	0
MH 1-6	0	0	0	0.166666667	0	0.5	0	1.333333333	0.5	0	0	0	0
MH 7-12	0	0	0	0	0	0.666666667	0	2	0.166666667	0	0	0	0
MH 13-18	0.166666667	2	0	0	0	0.833333333	0.166666667	0	0.166666667	0.166666667	0	0	0
MH 19-24	0	0.166666667	0	0.333333333	0	0.5	0	1	0.833333333	0.333333333	0	0	0
MH 25-29	0	0	0	0	0	0.333333333	0.333333333	1.333333333	0.333333333	0.166666667	0	0	0

Cluster	Total Coach+Other Snake (A)	Total Coach+Other Snake (J)	RTGSquirrel	Des.K-Rat	Mer. K-Rat	K-Rat sp.	Total K-Rats	PS P-Mouse	Oth. P-Mouse	J-Rabbit	Cottontail	Coyote/dog	Human (Veh)
AD2	0.166666667	0	0	12	1.4	0	13.4	0.4	2.4	5.8	0.4	3.2	0
AD4	0.666666667	0	1.666666667	15.166666667	1.333333333	0	16.5	0.166666667	6.666666667	10.166666667	3	4	0
ADD													
CA	0	0	0.4	15	8.4	0	23.4	0.6	2.6	2	0.8	1.6	0
CB	0.166666667	0	3.666666667	21.333333333	12.666666667	0	34	0.833333333	12	5.333333333	1.666666667	2.333333333	0
D													
E													
ESF 7-12	0.166666667	0	0	7.8	0.4	0	8.2	1	2	4	0.2	0.6	0
ESF 13-18	0	0	0.5	10.333333333	1.833333333	0	12.166666667	0.666666667	2.833333333	5.5	0	1.5	0
ESF 19-24	0.333333333	0	0.5	4.333333333	3.5	0	7.833333333	0.833333333	8.833333333	6.333333333	1.333333333	3.333333333	2.166666667
ESF 25-30	0.166666667	0	5.666666667	4.166666667	9.833333333	0	14	1.166666667	12	7.166666667	10.5	6.5	0.666666667
ESF31-36													
F													
G													
H	0	0	0.333333333	15.333333333	3.333333333	0	18.666666667	0.666666667	8	10.333333333	2.333333333	2.5	0
I	0	0	0.666666667	13.5	0.166666667	0	13.666666667	0.166666667	4	9	0.833333333	3.166666667	0
J	0	0	1.5	16.666666667	4	0	20.666666667	0.166666667	15.166666667	9.333333333	2.333333333	1.5	0
K													
L	0.333333333	0	0	19	2.8	0	21.8	0.4	8.2	8	1.8	1.2	0
MH 1-6	0	0	1	12.333333333	8	0	20.333333333	0.833333333	6.5	6.333333333	0.333333333	3.833333333	0
MH 7-12	0	0	1.833333333	18.666666667	1	0	19.666666667	0.333333333	5.666666667	7.833333333	2	2.333333333	0
MH 13-18	0.166666667	0	8.333333333	7.5	3.166666667	0	10.666666667	0	8.166666667	9.833333333	4.666666667	3.5	0.5
MH 19-24	0.333333333	0	5	2.5	4.5	0	7	0.333333333	7.5	8.333333333	17.833333333	4.333333333	1.5
MH 25-29	0.166666667	0	3.833333333	2.166666667	2.666666667	0	4.833333333	0	3.666666667	5.666666667	12.166666667	4	0.166666667

Cluster	Human (Ft)	Kit Fox	Racoon	Skunk	Woodrat	Bobcat	LETH	GRRO	CORA	LOSH	Kestrel	BUOW	Lizard sp. Rich.
AD2	0	0	0	0	0	0	0	0.666666667	3.166666667	0	0	0.166666667	6
AD4	0	0	0	0	0	0	0	0.833333333	0.5	0	0	0	6
ADD													
CA	0	0	0	0	0	0	0	0.333333333	2	0	0	0	
CB	0	0.166666667	0	0	0	0	0	0.5	0	0	0	1	
D													
E													
ESF 7-12	0	0	0	0	0	0	0	1.333333333	0.666666667	0.333333333	0.166666667	0.5	
ESF 13-18	0	0	0	0	0.333333333	0	0	0	0	0.166666667	0.166666667	0	5
ESF 19-24	0.333333333	0	0	0	0.166666667	0	0	3.333333333	0	0	0	0	5
ESF 25-30	1	0	0	0	5.5	0	0.166666667	1	0	0	0	0	
ESF31-36													
F													
G													
H	0	0	0	0	0	0	0	0.166666667	2.333333333	0	0	0	4
I	2.333333333	0	0	0	0	0.166666667	0	1.166666667	2	0.166666667	0.166666667	0.166666667	2
J	0	0	0	0	0.333333333	0.166666667	0	2.666666667	0	0.333333333	0.333333333	0	5
K													
L	0	0	0	0	0	0	0	0	3.666666667	0	0	0.5	
MH 1-6	0	0	0	0	0.333333333	0	0	0.166666667	0	0.166666667	0	0.166666667	
MH 7-12	0	0	0	0	0	0	0	0.333333333	0.833333333	0	0	0.333333333	4
MH 13-18	0	0	0	0	6.5	0	0	1	0	0	0	0.333333333	
MH 19-24	0	0	0	0	3.166666667	0.666666667	0	3	0	0.166666667	0	1	7
MH 25-29	0	0	0	0	1.5	0.333333333	0	3.666666667	0	0.833333333	0	0.166666667	7

Cluster	Snake sp. Rich.	Reptile sp. Rich.	Mammal sp. Rich.	Total Vert. Sp. Rich.	Fringe-toed (A)	Fringe-toed (H)	FT Horned (A)	FT Horned (H)	Des. Horned (A)	Des. Horned (H)	Des. Iguana (A)	Des. Iguana (H)
AD2	3		6		23	2.5	0.166666667	0.333333333	0	0	0.166666667	0
AD4	3		8		19.66666667	6	0	1.166666667	0	0	0	0.333333333
ADD												
CA												
CB												
D												
E												
ESF 7-12												
ESF 13-18	3		8		2.333333333	0.166666667	0	0	0	0	2.666666667	3.333333333
ESF 19-24	1		11		8.666666667	5.333333333	0	0	0	0	0.5	0.333333333
ESF 25-30												
ESF31-36												
F												
G												
H	2		9		4	1.833333333	0.5	0.666666667	0	0	0	0
I	2		8		16.33333333	6	0	0	0	0	0	0
J	3		10		13	3.5	0	0	0	0	0	0
K												
L												
MH 1-6												
MH 7-12	2		8		5.5	1.166666667	0.833333333	0	0	0	0.166666667	0
MH 13-18												
MH 19-24	3		11		11.83333333	1.833333333	0	0	0	0	0	0
MH 25-29	2		10		10	1.5	0	0	0	0.166666667	0	0

Cluster	Z-tailed (A)	Z-tailed (H)	WWhip (A)	WWhip (H)	SBlotch (A)	SBlotch (H)	LeopLiz (A)	LeopLiz (H)	LT Brush (A)	LT Brush (H)	Gecko (A)	Gecko (H)	Sidewind (A)
AD2	0	0	0.5	0	0	0.16666667	0	0	0	0	0	0	0.33333333
AD4	0	0	1.5	0.16666667	0.5	0.33333333	0	0	0.16666667	0	0	0	1.5
ADD													
CA													
CB													
D													
E													
ESF 7-12													
ESF 13-18	5	1.5	0.16666667	0.66666667	0	0.16666667	0	0	0	0	0	0	0.83333333
ESF 19-24	7.16666667	3.16666667	0.16666667	0	0	0.16666667	0	0	0	0	0	0	0.33333333
ESF 25-30													
ESF31-36													
F													
G													
H	0	0	0.83333333	0	0.66666667	0.83333333	0	0	0	0	0	0	0.16666667
I	0	0	0	0	0.16666667	0.33333333	0	0	0	0	0	0	0.66666667
J	0	0	2.83333333	0.16666667	0.16666667	0.33333333	0	0	0.16666667	0	0.33333333	0.33333333	1
K													
L													
MH 1-6													
MH 7-12	0	0	0	0	0.16666667	0	0	0	0	0	0	0	1
MH 13-18													
MH 19-24	13.16666667	2.16666667	10.33333333	2.33333333	2.83333333	0.5	0.66666667	0	0.16666667	0	0.16666667	0	0.16666667
MH 25-29	8.33333333	1.66666667	4.66666667	0.33333333	0.66666667	0	0.16666667	0	0.16666667	0	0	0	0.16666667

Cluster	Sidewind (H)	ShovNos (A)	ShovNos (H)	Coachwhip (A)	Coachwhip (H)	Other Snake (A)	Other Snake (H)	Total Coach+Other Snake (A)	Total Coach+Other Snake (H)	RTGSquirrel	Des.K-Rat	Mer. K-Rat	K-Rat sp.
AD2	0.16666667	0.5	0.16666667	0	0	0	0	0	0	0.83333333	6.33333333	0	0
AD4	2.33333333	1.83333333	0.33333333	0.16666667	0	0	0	0.16666667	0	0.83333333	8.66666667	0.16666667	0
ADD													
CA													
CB													
D													
E													
ESF 7-12													
ESF 13-18	0	0	0.16666667	0	0	0.16666667	0	0.16666667	0	0	9.33333333	0.33333333	0
ESF 19-24	0	0	0	0	0	0	0	0	0	0.16666667	3.5	3.5	0
ESF 25-30													
ESF31-36													
F													
G													
H	0.5	1.5	0.5	0	0	0	0	0	0	0	11.5	1.5	0
I	0.33333333	0.33333333	0.16666667	0	0	0	0	0	0	0	7	0	0
J	0.83333333	1.66666667	0.83333333	0	0.16666667	0	0	0	0.16666667	1.16666667	11.33333333	3	0
K													
L													
MH 1-6													
MH 7-12	1	1.16666667	0	0	0	0	0	0	0	0.33333333	12	0.5	0
MH 13-18													
MH 19-24	0.16666667	0.83333333	0.5	0.16666667	0.33333333	0	0	0.16666667	0.33333333	0.83333333	3.33333333	4.5	0
MH 25-29	0.5	1	0	0	0	0	0	0	0	0.33333333	2.33333333	3.5	0

Cluster	Total K-Rats	PS P-Mouse	Oth. P-Mouse	J-Rabbit	Cottontail	Coyote/dog	Human (Veh)	Human (Ft)	Kit Fox	Racoon	Skunk	Woodrat	Bobcat
AD2	6.333333333	0	0.666666667	6.333333333	0	2.5	0	0	0.666666667	0	0	0	0
AD4	8.833333333	0.166666667	4.833333333	10.16666667	0.666666667	4	0	0	0	0	0	0	0
ADD													
CA													
CB													
D													
E													
ESF 7-12													
ESF 13-18	9.666666667	1	3.166666667	4.166666667	1	0.833333333	0	0	0.333333333	0	0	0	0
ESF 19-24	7	1.5	7.166666667	1.166666667	1.166666667	5	0.833333333	0	0.5	0	0	0.5	0
ESF 25-30													
ESF31-36													
F													
G													
H	13	0.833333333	9.833333333	9	2.5	1.333333333	0	0	0	0	0	0.166666667	0.166666667
I	7	0.5	4.333333333	7.166666667	2.166666667	3.333333333	0	0	0	0	0	0.166666667	0.5
J	14.33333333	1.666666667	9	7.666666667	2.5	2.833333333	0	0	0.166666667	0	0	0.5	0
K													
L													
MH 1-6													
MH 7-12	12.5	0.333333333	3.666666667	5	0.5	2.5	0	0	0	0	0	0	0
MH 13-18													
MH 19-24	7.833333333	2.666666667	10.66666667	7.833333333	14.16666667	9.5	0	0.166666667	0	0	0	2	0.833333333
MH 25-29	5.833333333	0.5	7	5.166666667	15.5	4.666666667	0	0	0	0	0	1.5	0.5

Cluster	LETH	GRRO	CORA	LOSH	Kestrel	BUOW	CVFTL Repro	FTHL Repro
AD2	0.333333333	0.333333333	1.166666667	0	0	0	0.197368421	1
AD4	0.166666667	0.666666667	0.666666667	0.166666667	0	0.333333333	0.367346939	1.75
ADD								
CA								
CB								
D								
E								
ESF 7-12								
ESF 13-18	0	1.333333333	0.666666667	0	0	0	0.142857143	
ESF 19-24	0		0	0	0	0	0.96969697	
ESF 25-30								
ESF31-36								
F								
G								
H	0	0.166666667	0.166666667	0	0	0	0.44	0.28571429
I	0	0	0.166666667	0	0	0	0.537313433	
J	0.166666667	0	0	0.166666667			0.308823529	0
K								
L								
MH 1-6								
MH 7-12	0	0	0	0	0	0.166666667	0.194444444	0
MH 13-18								
MH 19-24	0.5	1.333333333	0	0	0	1.333333333	0.297297297	
MH 25-29	0.166666667	1.833333333	0	0	0	0	0.5	

Cluster	Plot	UTM83E NAD83	UTM83N NAD83	sand compaction mean	# Sand-treader Crickets	Astragulus lentiginosis density by count	Aeolian Sand % cover	Silt/Clay % cover	Coarse Sand/Gravel % cover	Rock % cover	# arthropod taxa	sum # arthropods
Active Dune I	0	563560	3737205	0.88	11	0	100	0	0	0	6	12
Active Dune I	25	563559	3737228	0.93	8	0	100	0	0	0	5	33
Active Dune I	50	563558	3737250	1.01	11	0	100	0	0	0	6	14
Active Dune I	100	563560	3737299	1.18	6	0	100	0	0	0	3	37
Active Dune I	150	563458	3737335	1.33	4	0	100	0	0	0	5	41
Active Dune I	200	563457	3737397	0.91	11	0	100	0	0	0	4	38
Active Dune I	250	563456	3737445	1.09	9	0	100	0	0	0	7	29
Active Dune J	250	562896	3737444	1.9	10	0	66.667	33.333	0	0	8	73
Active Dune MH	5	560745	3740314	1.89	8	0	66.667	33.333	0	0	6	10
Active Dune2	1	563519	3738249	2.618	15	0	100	0	0	0	5	52
Active Dune2	2	563457	3738327	1.85	15	0	100	0	0	0	6	14
Active Dune2	3	563338	3738484	2.02	24	0	59.167	40.833	0	0	8	11
Active Dune2	4	563205	3738678	2.49	10	0.003	100	0	0	0	6	56
Active Dune2	5	563090	3738841	2.35	15	0.005	100	0	0	0	7	19
Active Dune2	6	563129	3738719	1.98	19	0.001	100	0	0	0	7	58
Active Dune4	1	561589	3738703	1.47	15	0.002	100	0	0	0	6	27
Active Dune4	2	561417	3738952	1.01	24	0.001	100	0	0	0	7	16
Active Dune4	3	561296	3739118	1.39	16	0	100	0	0	0	9	17
Active Dune4	4	561162	3739258	1.5	10	0	79.167	20.833	0	0	10	23
Active Dune4	5	561064	3739172	1.09	11	0.003	100	0	0	0	9	30
Active Dune4	6	561273	3738965	1.04	17	0.002	100	0	0	0	11	49
Ephemeral Sand Field	7	545521	3748348	1.64	20	0.023	33.333	0	63.75	2.9167	4	5
Ephemeral Sand Field	8	545412	3748349	1.76	15	0.01	30.833	0	68.333	0.833	4	25
Ephemeral Sand Field	9	545316	3748353	1.64	22	0.006	61.667	0	36.667	1.667	1	1
Ephemeral Sand Field	10	545213	3748359	2.2	17	0.019	9.1667	0	90	0.833	6	7
Ephemeral Sand Field	11	545118	3748372	2.52	7	0.002	21.667	0.833	75.833	1.667	4	7
Ephemeral Sand Field	12	545013	3748379	1.83	24	0.007	42.083	0	55.4167	2.5	5	5
Ephemeral Sand Field	13	544137	3749028	3.14	11	0.004	0	0	90.833	9.1667	5	10
Ephemeral Sand Field	14	544196	3749023	2.63	11	0.001	52.5	0	42.0833	5.4167	4	7
Ephemeral Sand Field	15	544251	3749009	2.77	14	0.011	57.9167	0	34.1667	7.9167	6	8
Ephemeral Sand Field	16	544290	3749002	2.39	12	0.017	39.5833	0	47.0833	11.25	6	7
Ephemeral Sand Field	17	544338	3748991	2.14	14	0.047	27.5	0	66.6667	5.8333	5	8
Ephemeral Sand Field	18	544371	3748981	2.25	13	0.031	37.5	0	59.5833	2.9167	5	7
Ephemeral Sand Field	19	533001	3751403	1.23	13	0	66.25	0	33.75	0	3	7
Ephemeral Sand Field	20	532953	3751380	1.64	13	0.001	66.667	0	33.333	0	6	10
Ephemeral Sand Field	21	532904	3751404	1.62	11	0.002	100	0	0	0	3	6
Ephemeral Sand Field	22	532868	3751413	2.62	5	0.011	58.75	0	38.333	2.9167	5	12
Ephemeral Sand Field	23	532830	3751433	2.68	8	0.003	49.583	0	36.667	13.75	4	5
Ephemeral Sand Field	24	532783	3751440	3.2	5	0.003	43.167	13.333	26.667	16.833	8	49
Ephemeral Sand Field	25	530328	3752153	1.18	6	0.002	66.667	0	25.833	7.5	6	13
Ephemeral Sand Field	26	530280	3752164	2	0	0	66.667	0	28.75	4.583	9	15
Ephemeral Sand Field	27	530242	3752174	1.74	1	0	66.667	0	31.25	2.083	9	29
Ephemeral Sand Field	28	530199	3752180	1.36	1	0	83.333	0	16.667	0	10	22
Ephemeral Sand Field	29	530155	3752191	1.11	0	0	100	0	0	0	8	28
Ephemeral Sand Field	30	530119	3752202	1.67	0	0	87.5	12.5	0	0	6	35

Cluster	Plot	UTM83E NAD83	UTM83N NAD83	sand compaction mean	# Sand-treader Crickets	Astragalus lentiginosus density by count	Aeolian Sand % cover	Silt/Clay % cover	Coarse Sand/Gravel % cover	Rock % cover	# arthropod taxa	sum # arthropods
Stabilized Dune MH	7	564384	3737689	2.63	1	0	100	0	0	0	12	21
Stabilized Dune MH	8	564356	3737730	2.47	0	0	97.9167	2.083	0	0	6	14
Stabilized Dune MH	9	564328	3737769	2.12	3	0	100	0	0	0	7	15
Stabilized Dune MH	10	564303	3737813	2.11	2	0	100	0	0	0	7	11
Stabilized Dune MH	11	564271	3737857	2.02	9	0	100	0	0	0	7	17
Stabilized Dune MH	12	564248	3737898	2.44	10	0	100	0	0	0	4	17
Stabilized Dune MH	13	544204	3752470	1.08	0	0	100	0	0	0	9	15
Stabilized Dune MH	14	544242	3752464	0.97	0	0	100	0	0	0	6	8
Stabilized Dune MH	15	544294	3752465	1.94	0	0	100	0	0	0	10	17
Stabilized Dune MH	16	544342	3752457	1.29	0	0	100	0	0	0	6	12
Stabilized Dune MH	17	544389	3752464	0.91	1	0	100	0	0	0	9	13
Stabilized Dune MH	18	544453	3752463	0.97	1	0	100	0	0	0	5	5
Stabilized Dune MH	19	548859	3750043	1.24	3	0	100	0	0	0	7	10
Stabilized Dune MH	20	548769	3750141	0.87	1	0	100	0	0	0	4	5
Stabilized Dune MH	21	548726	3750283	1.02	2	0	100	0	0	0	6	9
Stabilized Dune MH	22	548830	3750248	0.96	6	0	100	0	0	0	6	6
Stabilized Dune MH	23	548941	3750263	0.66	7	0	100	0	0	0	5	7
Stabilized Dune MH	24	548995	3750166	0.77	6	0.001	100	0	0	0	5	7
Stabilized Dune MH	25	548931	3749944	1.06	4	0	100	0	0	0	3	3
Stabilized Dune MH	26	548990	3749905	1.13	2	0	100	0	0	0	7	14
Stabilized Dune MH	27	549025	3749891	0.75	6	0	100	0	0	0	3	3
Stabilized Dune MH	28	549168	3749850	0.98	5	0	100	0	0	0	4	5
Stabilized Dune MH	29	549255	3749827	0.89	8	0	100	0	0	0	7	7
Stabilized sand field CA	1	563537	3737979	3.76	18	0	20.833	79.167	0	0	3	12
Stabilized sand field CA	2	563485	3737982	4.63	7	0	12.5	87.5	0	0	3	4
Stabilized sand field CA	3	563437	3737985	3.13	17	0	79.167	20.833	0	0	6	18
Stabilized sand field CA	4	563388	3737988	3.71	10	0	3.333	66.667	0	0	4	15
Stabilized sand field CA	5	563342	3737992	3.27	14	0	84.167	15.833	0	0	4	35
Stabilized sand field CB	0	564066	3738886	2.71	0	0	20	80	0	0	6	8
Stabilized sand field CB	1	564114	3738890	2.65	0	0	16.667	83.333	0	0	7	5
Stabilized sand field CB	2	564241	3738880	2.06	0	0	15.833	84.167	0	0	4	7
Stabilized sand field CB	3	564302	3738882	3.3	0	0	45	55	0	0	13	20
Stabilized sand field CB	4	564301	3738713	2.13	0	0	54.167	45.833	0	0	5	2
Stabilized sand field CB	5	564248	3738712	2.31	0	0	70	30	0	0	5	14
Stabilized sand field CB	6	564109	3738706	2.34	0	0	63.333	36.667	0	0	5	1
Stabilized sand field CB	7	564059	3738708	2.74	0	0	62.5	37.5	0	0	5	3
Stabilized sand field H	0	564020	3737206	3.52	6	0	100	0	0	0	5	6
Stabilized sand field H	25	564018	3737232	2.96	0	0	72.083	26.25	0	0	2	3
Stabilized sand field H	50	564017	3737253	3.13	0	0	44.583	55.4167	0	0	0	0
Stabilized sand field H	100	564013	3737304	3.15	0	0	24.167	75.833	0	0	2	3
Stabilized sand field H	150	564010	3737358	3.47	0	0	14.167	85.833	0	0	2	2
Stabilized sand field H	200	564006	3737406	3.13	0	0	23.333	76.667	0	0	3	4
Stabilized sand field H	250	564002	3737455	2.62	0	0	12.5	87.5	0	0	4	4
Stabilized sand field J	0	562906	3737206	2.73	4	0	79.167	20.833	0	0	4	11
Stabilized sand field J	25	562899	3737234	1.66	5	0.001	100	0	0	0	8	19

Cluster	Plot	UTM83E NAD83	UTM83N NAD83	sand compaction mean	# Sand-treader Crickets	Astragulus lentiginosis density by count	Aeolian Sand % cover	Silt/Clay % cover	Coarse Sand/Gravel % cover	Rock % cover	# arthropod taxa	sum # arthropods
Stabilized sand field J	50	562905	3737260	1.36	5	0	50	50	0	0	5	5
Stabilized sand field J	100	562904	3737308	1.08	10	0	75.833	24.167	0	0	6	14
Stabilized sand field J	150	562898	3737355	2.31	7	0	66.667	33.333	0	0	7	13
Stabilized sand field J	200	562894	3737412	2.3	13	0.006	66.667	33.333	0	0	7	15
Stabilized sand field L	0	563866	3737205	2.38	7	0	100	0	0	0	4	60
Stabilized sand field L	25	563865	3737227	2.86	5	0	31.667	68.333	0	0	3	22
Stabilized sand field L	50	563863	3737260	2.24	3	0	65.833	34.167	0	0	4	19
Stabilized sand field L	100	563863	3737307	2.92	0	0	78.333	21.667	0	0	6	15
Stabilized sand field L	150	563862	3737357	2.77	0	0	28.333	71.667	0	0	5	44
Stabilized sand field L	200	563857	3737408	3.76	0	0	4.167	95.833	0	0	3	14
Stabilized sand field L	250	563856	3737459	3.38	1	0	20.833	79.167	0	0	3	12
Stabilized sand field MH	1	560354	3740352	2.25	2	0	58.333	41.667	0	0	6	7
Stabilized sand field MH	2	560486	3740341	4.04	0	0	1.25	98.75	0	0	5	9
Stabilized sand field MH	3	560555	3740336	4.17	0	0	0	100	0	0	7	20
Stabilized sand field MH	4	560677	3740325	3.75	12	0	39.167	60.833	0	0	9	15
Stabilized sand field MH	6	560823	3740311	3.41	12	0	83.333	16.667	0	0	9	14

Cluster	# ant sp.	mean # ant sp.	sum # Pogonomyrmex	mean # Pogos	sum # Messor perg.	mean # Messor	sum # Myrmecocystus sp	mean # Myrmecs	count # ant prey	sum # ant prey	mean # ant prey	count # Pogo+Messor	sum # Pogo+Messor
Active Dune I	0	0	0	0	0	0	0	0	0	0	0	0	0
Active Dune I	1	0.667	2	0.667	0	0	0	0	1	2	0.667	1	2
Active Dune I	1	0.333	1	0.333	0	0	0	0	1	1	0.333	1	1
Active Dune I	0	0	0	0	0	0	0	0	0	0	0	0	0
Active Dune I	1	0.333	1	0.333	0	0	0	0	1	1	0.333	1	1
Active Dune I	1	0.333	3	1	0	0	0	0	1	3	1	1	3
Active Dune I	0	0	0	0	0	0	0	0	0	0	0	0	0
Active Dune J	2	1	5	1.667	0	0	1	0.333	2	6	2	1	5
Active Dune MH	1	0.333	1	0.333	0	0	0	0	1	1	0.333	1	1
Active Dune2	2	1.333	45	15	0	0	1	0.333	2	46	15.333	1	45
Active Dune2	1	1	6	2	0	0	0	0	1	6	2	1	6
Active Dune2	3	1	5	1.667	0	0	1	0.333	2	6	2	1	5
Active Dune2	2	1	5	1.667	0	0	33	11	2	38	12.667	1	5
Active Dune2	2	1.333	7	2.333	0	0	0	0	2	7	2.333	1	7
Active Dune2	2	1.333	40	13.333	0	0	1	0.333	2	41	13.667	1	40
Active Dune4	2	1.333	11	3.666	0	0	2	0.667	2	13	4.333	1	11
Active Dune4	1	0.667	3	1	0	0	0	0	1	3	1	1	3
Active Dune4	1	1	9	3	0	0	0	0	1	9	3	1	9
Active Dune4	2	1.333	12	4	0	0	2	0.667	2	14	4.667	1	14
Active Dune4	2	1.333	18	6	0	0	2	0.667	2	20	6.667	1	20
Active Dune4	2	1.333	18	6	0	0	1	0.333	2	19	6.333	1	19
Ephemeral Sand Field	1	0.333	1	0.333	0	0	0	0	1	1	0.333	1	1
Ephemeral Sand Field	3	1	4	1.333	19	6.333	1	0.333	3	24	8	2	23
Ephemeral Sand Field	0	0	0	0	0	0	0	0	0	0	0	0	0
Ephemeral Sand Field	3	1	1	0.333	0	0	2	0.667	3	3	1	1	1
Ephemeral Sand Field	3	1	0	0	0	0	4	1.333	1	4	1.333	0	0
Ephemeral Sand Field	1	0.333	0	0	1	0.333	0	0	1	1	0.333	1	1
Ephemeral Sand Field	1	0.333	0	0	1	0.333	0	0	1	1	0.333	1	1
Ephemeral Sand Field	1	0.333	0	0	1	0.333	0	0	1	1	0.333	1	1
Ephemeral Sand Field	3	1	1	0.333	1	0.333	3	1	3	5	1.667	2	2
Ephemeral Sand Field	2	0.667	0	0	1	0.333	1	0.333	2	2	0.667	1	1
Ephemeral Sand Field	1	0.333	0	0	1	0.333	0	0	1	1	0.333	1	1
Ephemeral Sand Field	2	0.667	0	0	2	0.667	2	0.667	2	4	1.333	1	2
Ephemeral Sand Field	1	0.667	0	0	0	0	0	0	0	0	0	0	0
Ephemeral Sand Field	1	0.667	0	0	0	0	4	1.333	1	4	1.333	0	0
Ephemeral Sand Field	1	0.667	4	1.333	0	0	0	0	1	4	1.333	1	4
Ephemeral Sand Field	3	1.333	5	1.667	0	0	1	0.333	2	6	2	1	5
Ephemeral Sand Field	0	0	0	0	0	0	0	0	0	0	0	0	0
Ephemeral Sand Field	3	1	1	1.333	0	0	6	2	2	7	2.333	1	1
Ephemeral Sand Field	3	1.333	0	0	0	0	0	0	0	0	0	0	0
Ephemeral Sand Field	1	0.333	0	0	0	0	0	0	0	0	0	0	0
Ephemeral Sand Field	1	0.333	2	0.667	0	0	0	0	1	2	0.667	1	2
Ephemeral Sand Field	2	0.667	1	0.333	0	0	0	0	1	1	0.333	1	1
Ephemeral Sand Field	1	0.333	0	0	0	0	0	0	0	0	0	0	0
Ephemeral Sand Field	2	0.667	21	7	0	0	1	0.333	2	22	7.333	1	21

Cluster	# ant sp.	mean # ant sp.	sum # Pogonomyrmex	mean # Pogos	sum # Messor perg.	mean # Messor	sum # Myrmecocystus sp	mean # Myrmecs	count # ant prey	sum # ant prey	mean # ant prey	count # Pogo+Messor	sum # Pogo+Messor
Stabilized Dune MH	1	0.667	9	3	0	0	0	0	1	9	3	1	9
Stabilized Dune MH	2	0.667	8	2.667	0	0	1	0.333	2	9	3	1	8
Stabilized Dune MH	1	1	7	2.333	0	0	0	0	1	7	2.333	1	7
Stabilized Dune MH	1	0.667	2	0.667	0	0	0	0	1	2	0.667	1	2
Stabilized Dune MH	2	1.333	7	2.333	0	0	1	0.333	2	8	2.667	1	7
Stabilized Dune MH	1	1	10	3.333	0	0	0	0	1	10	2.222	1	10
Stabilized Dune MH	2	1	2	0.667	0	0	1	0.333	2	3	1	1	2
Stabilized Dune MH	1	0.333	1	0.333	0	0	0	0	1	1	0.333	1	1
Stabilized Dune MH	2	1.333	4	1.333	0	0	1	0.333	2	5	1.667	1	4
Stabilized Dune MH	0	0	0	0	0	0	0	0	0	0	0	0	0
Stabilized Dune MH	2	0.667	1	0.333	0	0	1	0.333	2	2	0.667	1	1
Stabilized Dune MH	1	0.333	1	0.333	0	0	0	0	1	1	0.333	1	1
Stabilized Dune MH	1	0.333	1	0.333	0	0	0	0	1	1	0.333	1	1
Stabilized Dune MH	0	0	0	0	0	0	0	0	0	0	0	0	0
Stabilized Dune MH	1	0.333	3	1	0	0	0	0	1	3	1	1	3
Stabilized Dune MH	2	0.667	1	0.333	0	0	1	0.333	2	2	0.667	1	1
Stabilized Dune MH	1	0.667	0	0	0	0	2	0.667	1	2	0.667	0	0
Stabilized Dune MH	1	0.333	1	0.333	0	0	0	0	1	1	0.333	1	1
Stabilized Dune MH	0	0	0	0	0	0	0	0	0	0	0	0	0
Stabilized Dune MH	1	0.333	8	2.667	0	0	0	0	1	8	2.667	1	8
Stabilized Dune MH	0	0	0	0	0	0	0	0	0	0	0	0	0
Stabilized Dune MH	0	0	0	0	0	0	0	0	0	0	0	0	0
Stabilized Dune MH	1	0.333	0	0	0	0	0	0	0	0	0	0	0
Stabilized sand field CA	1	9.667	10	3.333	0	0	0	0	1	10	3.333	1	10
Stabilized sand field CA	1	0.333	2	0.667	0	0	0	0	1	2	0.667	1	2
Stabilized sand field CA	1	1	10	3.333	0	0	0	0	1	10	3.333	1	10
Stabilized sand field CA	1	1	12	4	0	0	0	0	1	12	4	1	12
Stabilized sand field CA	1	1	31	10.333	0	0	0	0	1	31	10.333	1	31
Stabilized sand field CB	1	0.333	3	1	0	0	0	0	1	3	1	1	3
Stabilized sand field CB	2	0.667	2	0.667	0	0	0	0	2	2	0.667	2	2
Stabilized sand field CB	1	0.333	3	1	0	0	0	0	1	3	1	1	3
Stabilized sand field CB	2	1	11	3.667	0	0	0	0	2	11	3.667	2	11
Stabilized sand field CB	0	0	0	0	0	0	0	0	0	0	0	0	0
Stabilized sand field CB	1	0.667	9	3	0	0	0	0	1	9	3	1	9
Stabilized sand field CB	0	0	0	0	0	0	0	0	0	0	0	0	0
Stabilized sand field CB	1	0.333	1	0.333	0	0	0	0	1	1	0.333	1	1
Stabilized sand field H	1	0.333	1	0.333	0	0	0	0	1	1	0.333	1	1
Stabilized sand field H	1	0.667	2	0.667	0	0	0	0	1	2	0.667	1	2
Stabilized sand field H	0	0	0	0	0	0	0	0	0	0	0	0	0
Stabilized sand field H	0	0	0	0	0	0	0	0	0	0	0	0	0
Stabilized sand field H	0	0	0	0	0	0	0	0	0	0	0	0	0
Stabilized sand field H	1	0.667	2	0.667	0	0	0	0	1	2	0.557	1	2
Stabilized sand field H	1	0.333	1	0.333	0	0	0	0	1	1	0.333	1	1
Stabilized sand field J	1	0.667	5	1.667	0	0	0	0	1	5	1.667	1	5
Stabilized sand field J	2	0.333	1	0.333	0	0	0	0	2	1	0.333	2	1

Cluster	# ant sp.	mean # ant sp.	sum # Pogonomyrmex	mean # Pogos	sum # Messor perg.	mean # Messor	sum # Myrmecocystus sp	mean # Myrmecs	count # ant prey	sum # ant prey	mean # ant prey	count # Pogo+Messor	sum # Pogo+Messor
Stabilized sand field J	1	0.333	1	0.333	0	0	0	0	1	1	0.333	1	1
Stabilized sand field J	2	1.333	3	1	0	0	2	0.667	2	5	1.667	1	3
Stabilized sand field J	1	0.333	1	0.333	0	0	0	0	1	1	0.333	1	1
Stabilized sand field J	2	1	3	1	0	0	1	0.333	2	4	1.333	1	3
Stabilized sand field L	1	0.667	55	18.333	0	0	0	0	1	55	18.333	1	55
Stabilized sand field L	2	1.333	20	6.667	0	0	1	0.333	2	21	7	1	20
Stabilized sand field L	1	1	16	5.333	0	0	0	0	1	16	5.333	1	16
Stabilized sand field L	1	1	10	3.333	0	0	0	0	1	10	3.333	1	10
Stabilized sand field L	1	1	40	13.333	0	0	0	0	1	40	13.333	1	40
Stabilized sand field L	1	0.667	10	3.333	0	0	0	0	1	10	3.333	1	10
Stabilized sand field L	1	0.667	10	3.333	0	0	0	0	1	10	3.333	1	10
Stabilized sand field MH	1	0.333	1	0.333	0	0	0	0	1	1	0.333	1	1
Stabilized sand field MH	1	1	3	1	0	0	0	0	1	3	1	1	3
Stabilized sand field MH	1	1	11	3.667	0	0	0	0	1	11	3.667	1	11
Stabilized sand field MH	1	0.667	2	0.667	0	0	0	0	1	2	0.667	1	2
Stabilized sand field MH	1	0.667	2	0.667	0	0	0	0	1	2	0.667	1	2

Cluster	mean # Pogo+Messor	# beetle sp.	sum # beetles	mean # beetle sp.	# sand dune beetle sp	sum # sand dune beetles	# arachnid sp	sum arachnids	Native Annual Spp Richness	Exotic Annual Spp Richness	Total Annual Spp Richness	Perennial Spp Richness
Active Dune I	0	1	7	0.667	1	7	3	3	5	3	8	0
Active Dune I	0.667	3	26	1.667	2	25	0	0	3	2	5	1
Active Dune I	0.333	2	9	0.667	1	9	1	2	5	2	7	0
Active Dune I	0	2	35	1	1	34	0	0	6	1	7	0
Active Dune I	0.333	2	38	2	1	35	1	1	1	0	1	0
Active Dune I	1	1	28	1	1	28	0	0	1	1	2	0
Active Dune I	0	4	23	2.333	2	19	2	2	2	1	3	1
Active Dune J	1.667	4	66	1.333	1	64	0	0	2	2	4	3
Active Dune MH	0.333	2	6	1.333	1	5	1	1	4	2	6	3
Active Dune2	15	3	6	1.333	1	4	0	0	2	0	2	1
Active Dune2	2	2	5	1	1	2	1	1	2	1	3	1
Active Dune2	1.667	3	3	1	1	1	1	1	5	1	6	2
Active Dune2	1.667	4	16	1.333	2	15	0	0	3	1	4	2
Active Dune2	2.333	2	8	0.667	1	7	0	0	4	2	6	2
Active Dune2	13.333	3	6	1	1	4	0	0	3	1	4	2
Active Dune4	3.667	1	9	0.667	1	9	1	1	4	2	6	2
Active Dune4	1	4	11	2	2	9	1	1	5	2	7	2
Active Dune4	3	5	5	1.667	0	0	1	1	9	2	11	2
Active Dune4	4	5	5	1.667	3	3	2	3	9	2	11	2
Active Dune4	6	5	7	1.667	1	2	1	1	7	2	9	1
Active Dune4	6	4	25	2.667	2	19	2	3	3	1	4	1
Ephemeral Sand Field	0.333	1	2	0.667	1	2	0	0	6	3	9	4
Ephemeral Sand Field	7.667	1	1	0.333	0	0	0	0	1	1	2	4
Ephemeral Sand Field	0	0	0	0	0	0	0	0	2	0	2	2
Ephemeral Sand Field	0.333	2	2	0.333	1	2	0	0	3	1	4	1
Ephemeral Sand Field	0	2	2	0.667	0	0	0	0	2	2	4	4
Ephemeral Sand Field	0.333	3	3	1	1	1	0	0	1	0	1	2
Ephemeral Sand Field	0.333	3	8	1.667	1	6	0	0	2	2	4	4
Ephemeral Sand Field	0.333	2	4	1	1	3	1	2	2	1	3	4
Ephemeral Sand Field	0.667	2	2	0.667	1	1	1	1	4	1	5	5
Ephemeral Sand Field	0.333	2	3	0.667	1	2	1	1	2	3	5	4
Ephemeral Sand Field	0.333	2	5	1	1	4	1	1	2	2	4	4
Ephemeral Sand Field	0.667	2	2	0.667	1	1	0	0	1	0	1	5
Ephemeral Sand Field	0	1	2	0.333	1	2	0	0	1	0	1	3
Ephemeral Sand Field	0	3	4	1	1	1	0	0	2	0	2	4
Ephemeral Sand Field	1.333	1	1	0.333	0	0	0	0	2	0	2	1
Ephemeral Sand Field	1.667	2	3	1	1	1	0	0	1	0	1	3
Ephemeral Sand Field	0	2	3	1	1	1	0	0	1	0	1	3
Ephemeral Sand Field	0.333	3	30	1.333	0	0	0	0	1	0	1	4
Ephemeral Sand Field	0	0	0	0	0	0	0	0	9	4	13	6
Ephemeral Sand Field	0	2	2	0.667	0	0	2	3	7	4	11	6
Ephemeral Sand Field	0.667	2	2	0.667	0	0	2	7	8	5	13	6
Ephemeral Sand Field	0.333	6	6	2	1	1	0	0	9	4	13	5
Ephemeral Sand Field	0	1	2	0.333	0	0	2	2	7	4	11	5
Ephemeral Sand Field	7	1	2	0.667	0	0	2	4	7	3	10	6

Cluster	mean # Pogo+Messor	# beetle sp.	sum # beetles	mean # beetle sp.	# sand dune beetle sp	sum # sand dune beetles	# arachnid sp	sum arachnids	Native Annual Spp Richness	Exotic Annual Spp Richness	Total Annual Spp Richness	Perennial Spp Richness
Stabilized Dune MH	3	4	4	1.333	1	1	3	3	8	3	11	4
Stabilized Dune MH	2.667	1	1	0.333	1	1	1	1	7	2	9	3
Stabilized Dune MH	2.333	3	3	1	1	1	1	1	5	3	8	3
Stabilized Dune MH	0.667	4	7	1.667	1	4	0	0	7	3	10	4
Stabilized Dune MH	2.333	3	7	1.333	1	5	0	0	8	3	11	1
Stabilized Dune MH	3.333	1	5	0.333	1	5	0	0	9	3	12	2
Stabilized Dune MH	0.667	4	9	2.333	1	3	2	2	5	4	9	3
Stabilized Dune MH	0.333	2	3	0.667	0	0	1	1	1	3	4	3
Stabilized Dune MH	1.333	3	6	1.333	2	2	2	2	3	3	6	4
Stabilized Dune MH	0	2	6	1	1	2	1	2	3	3	6	3
Stabilized Dune MH	0.333	5	8	2.333	1	1	1	1	3	3	6	5
Stabilized Dune MH	0.333	2	2	0.667	0	0	0	0	1	3	4	6
Stabilized Dune MH	0.333	4	6	1.333	2	4	0	0	3	2	5	2
Stabilized Dune MH	0	2	2	0.667	0	0	1	1	4	4	8	4
Stabilized Dune MH	1	3	4	1.333	0	0	1	1	4	2	6	5
Stabilized Dune MH	0.333	2	2	0.667	1	1	1	1	6	2	8	6
Stabilized Dune MH	0	3	3	1	2	2	0	0	5	2	7	5
Stabilized Dune MH	0.333	1	3	0.333	1	3	1	1	5	2	7	8
Stabilized Dune MH	0	0	0	0	0	0	1	1	3	1	4	4
Stabilized Dune MH	2.667	4	4	1.333	1	1	1	1	6	3	9	5
Stabilized Dune MH	0	0	0	0	0	0	1	1	4	2	6	3
Stabilized Dune MH	0	3	4	1.333	1	1	1	1	6	2	8	5
Stabilized Dune MH	0	2	2	0.667	1	1	1	1	8	3	11	5
Stabilized sand field CA	3.333	2	2	0.667	0	0	0	0	3	1	4	3
Stabilized sand field CA	0.667	0	0	0	0	0	1	1	6	2	8	1
Stabilized sand field CA	3.333	3	5	1.333	0	0	1	2	7	3	10	2
Stabilized sand field CA	4	2	3	1	0	0	0	0	4	2	6	1
Stabilized sand field CA	10.333	2	2	0.667	0	0	0	0	6	2	8	1
Stabilized sand field CB	1	4	4	1.333	0	0	1	1	7	2	9	1
Stabilized sand field CB	0.667	0	0	0	0	0	1	3	9	2	11	1
Stabilized sand field CB	1	1	1	0.333	0	0	1	3	7	3	10	1
Stabilized sand field CB	3.667	5	5	1.667	1	1	2	3	9	3	12	1
Stabilized sand field CB	0	1	1	0.333	0	0	1	1	7	2	9	2
Stabilized sand field CB	3	4	5	1.333	0	0	0	0	11	2	13	2
Stabilized sand field CB	0	1	1	0.333	0	0	0	0	7	2	9	2
Stabilized sand field CB	0.333	1	1	0.333	0	0	1	1	13	3	16	2
Stabilized sand field H	0.333	3	4	1.333	1	1	1	1	8	3	11	2
Stabilized sand field H	0.667	1	1	0.333	0	0	0	0	7	3	10	2
Stabilized sand field H	0	0	0	0	0	0	0	0	6	2	8	3
Stabilized sand field H	0	1	2	0.667	0	0	1	1	7	3	10	3
Stabilized sand field H	0	1	1	0.333	0	0	1	1	7	2	9	2
Stabilized sand field H	0.667	1	2	0.333	0	0	0	0	8	3	11	2
Stabilized sand field H	0.333	1	1	0.333	0	0	1	1	4	3	7	1
Stabilized sand field J	1.667	2	5	1	0	0	1	1	4	2	6	3
Stabilized sand field J	0.333	3	15	1.667	1	11	1	1	9	3	12	3

Cluster	mean # Pogo+Messor	# beetle sp.	sum # beetles	mean # beetle sp.	# sand dune beetle sp	sum # sand dune beetles	# arachnid sp	sum arachnids	Native Annual Spp Richness	Exotic Annual Spp Richness	Total Annual Spp Richness	Perennial Spp Richness
Stabilized sand field J	0.333	3	3	1	1	1	1	1	8	4	12	2
Stabilized sand field J	1	3	8	1.667	1	3	1	1	6	2	8	3
Stabilized sand field J	0.333	4	10	1.667	1	6	2	2	2	3	5	3
Stabilized sand field J	1	3	8	1	1	6	2	2	4	3	7	3
Stabilized sand field L	18.333	2	4	1	0	0	0	0	9	3	12	2
Stabilized sand field L	6.667	1	1	0.333	0	0	0	0	5	3	8	2
Stabilized sand field L	5.333	1	1	0.333	0	0	1	1	8	2	10	3
Stabilized sand field L	3.333	3	3	1	0	0	2	2	7	2	9	3
Stabilized sand field L	13.333	2	2	0.667	0	0	1	1	8	3	11	2
Stabilized sand field L	3.333	1	1	0.333	0	0	0	0	5	2	7	3
Stabilized sand field L	3.333	1	1	0.333	0	0	0	0	7	3	10	2
Stabilized sand field MH	0.333	3	4	1.333	0	0	1	1	7	3	10	1
Stabilized sand field MH	1	1	1	0.333	0	0	2	4	8	3	11	2
Stabilized sand field MH	3.667	2	3	1	0	0	2	3	6	2	8	2
Stabilized sand field MH	0.667	4	5	1.667	1	1	2	3	10	3	13	3
Stabilized sand field MH	0.667	4	8	1.667	1	3	0	0	6	2	8	2

Cluster	Abronia villosa density	A. villosa % cover	Camissonia claviformis density	C. claviformis % cover	Dicoria canescens density	D. canescens % cover	Geraea canescens density	G. canescens % cover	Oenothera deltoides density	O. deltoides % cover
Stabilized Dune MH	0.91667	0.5	0.1667	0.1667	0	0	0.0833	0.0833	0.5833	0.75
Stabilized Dune MH	0.5	0.25	0.0833	0.0833	0	0	0.0833	0.1667	0.0833	0.1667
Stabilized Dune MH	0	0	0.0833	0.0833	0	0	0.25	0.4167	0	0
Stabilized Dune MH	0.0833	0.1667	0	0	0	0	0.25	0.1667	0.9167	0.75
Stabilized Dune MH	0.1667	0.25	0	0	0	0	0.25	0.1667	0.25	0.75
Stabilized Dune MH	0.1667	0.25	0.1667	0.1667	0	0	0.1667	0.1667	0.5	0.75
Stabilized Dune MH	0	0	0	0	0.25	0.25	0	0	0	0
Stabilized Dune MH	0	0	0	0	0	0	0	0	0	0
Stabilized Dune MH	0	0	0	0	0	0	0	0	0	0
Stabilized Dune MH	0	0	0	0	0	0	0	0	0	0
Stabilized Dune MH	0	0	0	0	0	0	0	0	0	0
Stabilized Dune MH	0	0	0	0	0	0	0	0	0	0
Stabilized Dune MH	0.0833	0.0833	0	0	0	0	0	0	0	0
Stabilized Dune MH	0	0	0	0	0.0833	0.0833	0	0	0	0
Stabilized Dune MH	0	0	0	0	0	0	0	0	0	0
Stabilized Dune MH	0	0	0	0	0.0833	0.0833	0	0	0	0
Stabilized Dune MH	0.0833	0.0833	0	0	1.8333	0.5	0	0	0	0
Stabilized Dune MH	0	0	0	0	2.3333	0.4167	0	0	0	0
Stabilized Dune MH	0	0	0	0	0.0833	0.0833	0	0	0	0
Stabilized Dune MH	0	0	0.0833	0.0833	0.3333	0.1667	0	0	0	0
Stabilized Dune MH	0	0	0	0	0.1667	0.1667	0	0	0	0
Stabilized Dune MH	0.0833	0.0833	0	0	0	0	0	0	0	0
Stabilized Dune MH	0.3333	1.6667	0	0	1.1667	0.3333	0	0	0	0
Stabilized sand field CA	0	0	0	0	0	0	0.4167	0.75	0.3333	0.25
Stabilized sand field CA	0.1667	0.1667	0.4167	0.25	0	0	1.0833	0.8333	1	0.4167
Stabilized sand field CA	0.4167	0.5	0	0	0	0	0.5833	0.5	0.0833	0.0833
Stabilized sand field CA	0.1667	0.1667	0.3333	0.1667	0	0	0.0833	0.0833	0.0833	0.0833
Stabilized sand field CA	0	0	0.3333	0.4167	0	0	0.0833	0.0833	0	0
Stabilized sand field CB	0	0	5.8333	1.75	0	0	0.1667	0.25	0	0
Stabilized sand field CB	0.0833	0.1667	3.25	1.25	0	0	1.5833	0.6667	0	0
Stabilized sand field CB	0	0	5	1.25	0	0	0.1667	0.1667	0	0
Stabilized sand field CB	0	0	8.833	4.4167	0	0	0.5	0.25	0	0
Stabilized sand field CB	0	0	2.333	0.6667	0	0	1.3333	0.5	0	0
Stabilized sand field CB	0.8333	0.5	3.1667	0.8333	0	0	0.3333	0.1667	0	0
Stabilized sand field CB	0.0833	0.4167	1	0.8333	0	0	2	1.25	0	0
Stabilized sand field CB	0.25	0.1667	10	2.8333	0	0	0	0	0.0833	0.0833
Stabilized sand field H	0.0833	0.0833	0.9167	1	0	0	0.25	0.5833	0.3333	0.5833
Stabilized sand field H	0.0833	0.1667	0.75	0.3333	0	0	0	0	0.4167	0.3333
Stabilized sand field H	0.4167	0.4167	0.25	0.1667	0	0	0	0	0.0833	0.1667
Stabilized sand field H	0	0	0.25	0.25	0	0	0.0833	0.0833	0.0833	0.0833
Stabilized sand field H	0.3333	0.1667	0	0	0	0	0.0833	0.0833	0	0
Stabilized sand field H	0.25	0.25	0	0	0	0	0.0833	0.0833	0	0
Stabilized sand field H	0.0833	0.0833	0	0	0	0	0	0	0	0
Stabilized sand field J	0	0	0.0833	0.0833	0	0	0	0	0.1667	0.1667
Stabilized sand field J	0.0833	0.0833	0.3333	0.4167	0	0	0	0	1.5833	2.25

Cluster	Abronia villosa density	A. villosa % cover	Camissonia claviformis density	C. claviformis % cover	Dicoria canescens density	D. canescens % cover	Geraea canescens density	G. canescens % cover	Oenothera deltoides density	O. deltoides % cover
Stabilized sand field J	0	0	0.5	0.25	0	0	0.0833	0.1667	0.75	0.5
Stabilized sand field J	0.0833	0.0833	0	0	0.1667	0.5833	0	0	4.0833	4.1667
Stabilized sand field J	0	0	0	0	0	0	0	0	1	2.5
Stabilized sand field J	0	0	0	0	1	3.9167	0	0	1.9167	4.5833
Stabilized sand field L	0.0833	0.1667	0.25	0.3333	0	0	0.0833	0.0833	0.0833	0.0833
Stabilized sand field L	0.0833	0.1667	0	0	0	0	0.1667	0.4167	0	0
Stabilized sand field L	0.0833	0.0833	0.5	0.25	0	0	0.0833	0.1667	0.1667	0.3333
Stabilized sand field L	0	0	0	0	0.25	0.25	0.9167	0.0833	0.3333	0.3333
Stabilized sand field L	0.0833	0.0833	0.0833	0.0833	0	0	0.25	0.1667	0.0833	0.0833
Stabilized sand field L	0	0	0.5	0.3333	0	0	0	0	0	0
Stabilized sand field L	0	0	0.4167	0.25	0	0	0.1667	0.1667	0.0833	0.0833
Stabilized sand field MH	0.0833	0.0833	0.1667	0.1667	0	0	0	0	0	0
Stabilized sand field MH	0.0833	0.0833	2.0833	0.5833	0	0	0.1667	0.1667	0	0
Stabilized sand field MH	0	0	0.6667	0.3333	0	0	0.5833	0.25	0	0
Stabilized sand field MH	0.0833	0.0833	10.1667	3.25	0	0	0.5	0.3333	0	0
Stabilized sand field MH	0.0833	0.0833	0.3333	0.25	0	0	0.1667	0.0833	0	0

Cluster	Palafoxia arida density	P. arida % cover	Salsola tragus density	S. tragus % cover	Schizmus barbatus density	S. barbatus % cover	Brassica tournifortii density	B. tourniforti % cover	Erodium cicutarium density	E. cicutarium % cover
Stabilized Dune MH	0.25	0.25	0.0833	0.0833	5.5833	1.3333	93.1667	16.4167	0	0
Stabilized Dune MH	0.25	0.1667	0	0	2.3333	0.6667	71.4167	15.5833	0	0
Stabilized Dune MH	0.3333	0.1667	0.0833	0.0833	0.75	0.4167	111.75	23.6667	0	0
Stabilized Dune MH	1.0833	0.75	0.9167	0.25	1.5	0.5833	97.1667	19.0833	0	0
Stabilized Dune MH	1.4167	0.9167	0.25	0.1667	0.4167	0.4167	33.3333	15	0	0
Stabilized Dune MH	1.6667	1.4167	0.9167	0.75	0.5	0.4167	28.0833	15.6667	0	0
Stabilized Dune MH	0.4167	0.25	0.0833	0.0833	0.25	0.1667	52.333	17.6667	0.3333	0.25
Stabilized Dune MH	0.0833	0.0833	0	0	0.5	0.3333	39.1667	21.6667	0.25	0.1667
Stabilized Dune MH	0	0	0	0	52.6667	10.5833	54.4167	25.8333	1.4167	0.6667
Stabilized Dune MH	0	0	0	0	21.5833	4.4167	18.75	13.8333	0.4167	0.1667
Stabilized Dune MH	0	0	0	0	10.1667	4.4167	9	9.6667	0	0
Stabilized Dune MH	0	0	0	0	5.25	2.0833	19.25	22.5	0	0
Stabilized Dune MH	0	0	0	0	0.4167	0.3333	5.3333	2.6667	0	0
Stabilized Dune MH	0.0833	0.0833	0	0	0.5	0.3333	6.6667	2.4167	0.0833	0.0833
Stabilized Dune MH	0	0	0	0	3.5	0.75	0.1667	0.0833	0	0
Stabilized Dune MH	0	0	0	0	10.9167	0.6667	0	0	0.25	0.1667
Stabilized Dune MH	0.0833	0.0833	0	0	5.8333	1.0833	0.1667	0.4167	0	0
Stabilized Dune MH	0.25	0.25	0.0833	0.0833	0.0833	0.0833	0	0	0	0
Stabilized Dune MH	0	0	0	0	0	0	0.6667	0.8333	0	0
Stabilized Dune MH	0.1667	0.1667	0	0	0/1667	0.0833	16.5833	4	0.25	0.25
Stabilized Dune MH	0.1667	0.0833	0	0	0.0833	0.0833	10.4167	6.0833	0	0
Stabilized Dune MH	0	0	0	0	1.75	0.3333	30.4167	8.6666	0	0
Stabilized Dune MH	0.5833	0.5	0	0	15.0833	6.3333	24.3333	10.8333	0.0833	0.0833
Stabilized sand field CA	0	0	0	0	0	0	13.333	13.333	0	0
Stabilized sand field CA	0	0	0	0	1.5	0.8333	21.4167	15.25	0	0
Stabilized sand field CA	0.5833	0.4167	0.0833	0.0833	1.6667	0.8333	11.3333	16.5833	0	0
Stabilized sand field CA	0	0	0	0	0.0833	0.0833	21.5833	22.6667	0	0
Stabilized sand field CA	0.0833	0.4167	0	0	1.0833	0.5833	21.3333	21.1667	0	0
Stabilized sand field CB	0	0	0	0	107.5833	14.16667	47.6667	20.4167	0	0
Stabilized sand field CB	0	0	0	0	135.8333	14.5833	54.6667	19.1667	0	0
Stabilized sand field CB	0	0	0	0	99.9167	13.3333	63.25	24.5833	0	0
Stabilized sand field CB	0.0833	0.1667	0	0	83	13.5	28.5	18.5	0	0
Stabilized sand field CB	0.25	0.25	0	0	37.75	0.6667	67.5	25	0	0
Stabilized sand field CB	0.4167	0.4167	0	0	25.5	6	32.083	15.4167	0	0
Stabilized sand field CB	0.25	0.1667	0	0	47.8333	11.25	57.25	19.5833	0	0
Stabilized sand field CB	0.5833	0.3333	0	0	62	8.25	26.75	16.6667	0	0
Stabilized sand field H	0.1667	0.0833	1.25	0.6667	7.1667	2.5	27.9167	15.75	0	0
Stabilized sand field H	0.6667	0.5	0.0833	0.0833	4.4167	2	51.1667	17	0	0
Stabilized sand field H	0.25	0.25	0	0	2.5	1.1667	64.0833	23.8333	0	0
Stabilized sand field H	0.25	0.25	0.25	0.25	9.5	2	102	20.6667	0	0
Stabilized sand field H	0.0833	0.0833	0	0	2.6667	0.9167	97.5833	17.9167	0	0
Stabilized sand field H	0.6667	0.4167	0	0	1.75	0.75	143.5833	23.75	0	0
Stabilized sand field H	0.3333	0.25	0.0833	0.0833	0.8333	0.5833	133.3333	22.5833	0	0
Stabilized sand field J	0.25	0.25	0	0	13.9167	7.5833	38.75	25.4167	0	0
Stabilized sand field J	0.5	0.4167	0	0	2.5833	1.3333	4.25	1.0833	0	0

Cluster	<i>Palafoxia arida</i> density	<i>P. arida</i> % cover	<i>Salsola tragus</i> density	<i>S. tragus</i> % cover	<i>Schizmus barbatus</i> density	<i>S. barbatus</i> % cover	<i>Brassica tournifortii</i> density	<i>B. tournifortii</i> % cover	<i>Erodium cicutarium</i> density	<i>E. cicutarium</i> % cover
Stabilized sand field J	1.9167	0.833	0.1667	0.1667	4.1667	1.1667	61.3333	19.5833	0.0833	0.0833
Stabilized sand field J	0.5833	0.6667	0	0	0.8333	0.6667	19.8333	11	0	0
Stabilized sand field J	0.3333	0.5833	0.0833	0.0833	0	0	20.6667	12.1667	1.9167	2.5833
Stabilized sand field J	0.4167	0.4167	0	0	3.5833	1.8333	19	15.1667	0.1667	1
Stabilized sand field L	0.0833	0.0833	0.3333	0.5	0.8333	0.4167	59.833	16.5	0	0
Stabilized sand field L	0	0	0.1667	0.0833	2.25	0.75	9.6667	7.0833	0	0
Stabilized sand field L	0.667	0.5	0	0	7.3333	3.3333	27.6667	15.3333	0	0
Stabilized sand field L	0	0	0	0	5.3333	1.5	56.5833	20.4167	0	0
Stabilized sand field L	0.0833	0.0833	0.0833	0.0833	2.0833	1	71.4167	26.5833	0	0
Stabilized sand field L	0	0	0	0	1.9167	0.9167	77.75	25.25	0	0
Stabilized sand field L	0.25	0.0833	0.3333	0.25	1.0833	0.4167	53.25	22.0833	0	0
Stabilized sand field MH	0	0	0	0	7.0833	2.5833	36.0833	26.6667	0	0
Stabilized sand field MH	0	0	0	0	20.6667	5	29.6667	17.0833	0.75	0.75
Stabilized sand field MH	0	0	0	0	10.0833	3.6667	39.5	25.1667	0	0
Stabilized sand field MH	0	0	0	0	40.5833	7.3333	19.4167	15	0.1667	0.5
Stabilized sand field MH	0	0	0	0	16	3.1667	34.9167	20	0	0

Cluster	Total Native Annual density	Total Native Annual % cover	Total Exotic Annual density	Total Exotic Annual % cover	Total Annual density	Total Annual % cover	Atriplex canescens density	Atriplex polycarpa density	Atriplex spp. density
Active Dune I	0.417	0.417	11.166	5.917	11.583	6.333	0	0	0
Active Dune I	9.167	3.917	6.417	6.583	15.583	10.500	0.001	0	0.001
Active Dune I	6.583	0.916	5.833	3.250	12.417	4.166	0	0	0
Active Dune I	12.499	5.333	9.500	2.917	21.999	8.250	0	0	0
Active Dune I	5	2.833	0.000	0.000	5	2.833	0	0	0
Active Dune I	3.500	1.417	0.167	0.167	3.667	1.583	0	0	0
Active Dune I	1.666	2.250	0.000	0.000	1.666	2.250	0	0	0
Active Dune J	1	5.0833	24.000	5.917	25	11	0.001	0.002	0.003
Active Dune MH	2.000	1.500	37.583	19.000	39.584	20.500	0.002	0	0.002
Active Dune2	2.250	1.417	0.000	0.000	2.250	1.417	0.002	0	0.002
Active Dune2	3.250	5.083	0.583	2.583	3.833	7.666	0.002	0	0.002
Active Dune2	3.917	4.417	14.917	15.833	18.833	20.250	0.02	0	0.02
Active Dune2	5.750	3.583	0.750	0.417	6.500	4.000	0.004	0	0.004
Active Dune2	3.833	4.916	3.166	5.250	7.000	10.166	0.001	0	0.001
Active Dune2	2.667	4.833	2.583	4.250	5.250	9.083	0.004	0	0.004
Active Dune4	3.834	2.2501	11.334	6.583	15.1668	8.8335	0.001	0	0.001
Active Dune4	7.9167	2.0834	191667.000	13.197	27.0833	16.0004	0.001	0	0.001
Active Dune4	9.0829	4.1662	52.417	22.167	61.4996	26.3329	0.017	0	0.017
Active Dune4	3.9162	3.0833	49.500	23.417	53.4162	26.5	0.002	0	0.002
Active Dune4	7.74997	4.333	20.750	15.250	28.4997	19.5833	0.002	0	0.002
Active Dune4	7.4167	7.4167	5.000	3.500	12.4167	10.9166	0.004	0	0.004
Ephemeral Sand Field	4.330	2.166	4.999	1.917	9.333	4.083	0	0	0
Ephemeral Sand Field	1.917	0.583	0.167	0.083	2.083	0.667	0	0	0
Ephemeral Sand Field	2.167	0.834	0.000	0.000	2.167	0.834	0	0	0
Ephemeral Sand Field	1.417	1.083	0.250	0.167	1.667	1.250	0	0	0
Ephemeral Sand Field	5.416	1.084	0.333	0.167	5.750	1.250	0	0	0
Ephemeral Sand Field	1	0.333	0.000	0.000	1.000	0.333	0	0	0
Ephemeral Sand Field	0.334	0.997	0.916	0.750	1.2497	1.7497	0	0	0
Ephemeral Sand Field	0.500	0.667	0.500	1.333	1.000	1.996	0	0	0
Ephemeral Sand Field	0.666	0.750	0.333	0.167	0.996	0.917	0	0	0
Ephemeral Sand Field	0.500	0.333	0.583	0.333	1.083	0.666	0	0	0
Ephemeral Sand Field	0.250	0.500	0.167	0.166	0.417	0.666	0	0	0
Ephemeral Sand Field	0.583	0.250	0.000	0.000	0.583	0.250	0	0	0
Ephemeral Sand Field	0.4167	0.25	0.000	0.000	0.4167	0.25	0	0	0
Ephemeral Sand Field	7.5833	4.1667	0.000	0.000	7.5833	4.1667	0	0	0
Ephemeral Sand Field	0.333	0.333	0.000	0.000	0.333	0.333	0	0	0
Ephemeral Sand Field	2.0833	1.0833	0.000	0.000	2.0833	1.0833	0	0	0
Ephemeral Sand Field	0.1667	0.1667	0.000	0.000	0.1667	0.1667	0	0	0
Ephemeral Sand Field	2.4167	0.1667	0.000	0.000	2.4167	0.1667	0	0	0
Ephemeral Sand Field	49.666	9.334	421.000	8.667	470.660	18.000	0	0	0
Ephemeral Sand Field	75.833	11.833	101.250	8.667	177.083	20.500	0	0	0
Ephemeral Sand Field	92.249	13.250	235.163	17.583	327.412	30.833	0	0	0
Ephemeral Sand Field	49.333	11.083	84.667	7.250	134.000	18.330	0	0	0
Ephemeral Sand Field	109.333	24.667	88.250	8.750	197.583	33.417	0	0	0
Ephemeral Sand Field	43.750	10.583	39.833	3.880	83.584	14.416	0	0	0

Cluster	Total Native Annual density	Total Native Annual % cover	Total Exotic Annual density	Total Exotic Annual % cover	Total Annual density	Total Annual % cover	Atriplex canescens density	Atriplex polycarpa density	Atriplex spp. density
Stabilized Dune MH	2.750	1.583	98.833	17.833	105.917	21.750	0.001	0.003	0.004
Stabilized Dune MH	4.583	2.916	73.750	16.250	88.999	21.250	0.005	0.002	0.007
Stabilized Dune MH	2.196	2.666	112.583	23.667	115.333	25.250	0.003	0.002	0.005
Stabilized Dune MH	8.501	4.667	99.583	19.917	104.167	22.833	0.011	0.006	0.017
Stabilized Dune MH	6.847	3.458	34.000	15.583	36.916	18.250	0.005	0	0.005
Stabilized Dune MH	8.501	4.667	29.500	16.834	38.001	21.501	0.011	0	0.011
Stabilized Dune MH	2.75	1.75	52.9993	18.167	54.416	19.417	0.019	0.026	0.045
Stabilized Dune MH	0.917	0.833	39.9167	22.1667	40.083	22.333	0.046	0.012	0.058
Stabilized Dune MH	0.75	0.833	108.5004	37.0833	111.25	38.833	0.043	0.005	0.048
Stabilized Dune MH	0.833	0.583	40.75	18.4167	41.667	19.25	0.058	0	0.058
Stabilized Dune MH	1.139	0.903	19.1667	4.8337	19.917	5.667	0.012	0	0.012
Stabilized Dune MH	0.833	0.584	24.5	24.5833	25.333	25.167	0.022	0.021	0.043
Stabilized Dune MH	92.083	2.750	5.750	3.000	97.833	5.750	0	0	0
Stabilized Dune MH	13.917	1.750	7.250	2.833	21.167	4.583	0.004	0	0.004
Stabilized Dune MH	25.916	2.416	3.667	0.833	29.583	3.250	0.011	0	0.011
Stabilized Dune MH	49.417	3.666	11.167	0.834	60.584	4.500	0.029	0	0.029
Stabilized Dune MH	2.666	1.750	6.000	1.500	8.666	3.250	0.012	0.014	0.026
Stabilized Dune MH	3.916	4.167	0.167	0.166	4.083	4.333	0.04	0.017	0.057
Stabilized Dune MH	2.917	0.750	0.667	0.833	3.584	1.583	0.004	0	0.004
Stabilized Dune MH	1.666	0.833	17.000	4.330	18.666	5.167	0.011	0.003	0.014
Stabilized Dune MH	0.667	0.5	10.500	6.166	11.167	6.667	0	0	0
Stabilized Dune MH	19.25	5.416	32.167	9.000	51.417	14.416	0.022	0.001	0.023
Stabilized Dune MH	20.583	8.916	39.500	17.250	60.082	26.166	0.024	0.001	0.025
Stabilized sand field CA	2.833	2.5834	13.333	13.333	14.333	15.166	0.003	0.002	0.005
Stabilized sand field CA	0.666	0.5	22.917	16.083	26.334	18.25	0.009	0	0.009
Stabilized sand field CA	1.5	1.2501	13.084	17.499	15.9168	20.0833	0.013	0	0.013
Stabilized sand field CA	1.883	1.667	21.666	22.750	22.333	23.25	0.015	0	0.015
Stabilized sand field CA	1.5	1.2501	22.417	21.750	23.9166	23.0001	0.012	0	0.012
Stabilized sand field CB	20.250	4.583	155.250	34.584	165.583	38.334	0	0	0
Stabilized sand field CB	22.000	11.250	190.500	33.750	209.000	39.168	0.001	0	0.001
Stabilized sand field CB	15.749	4.251	163.167	37.916	183.417	42.500	0.001	0	0.001
Stabilized sand field CB	12.583	4.916	111.500	32.000	133.500	43.250	0.004	0	0.004
Stabilized sand field CB	10.750	6.833	105.250	30.583	120.999	34.834	0.003	0	0.003
Stabilized sand field CB	23.750	9.833	57.583	21.417	70.167	26.333	0.006	0	0.006
Stabilized sand field CB	138.875	37.104	105.083	30.833	115.833	37.667	0.006	0	0.006
Stabilized sand field CB	23.750	9.833	88.750	24.917	112.500	34.750	0.005	0	0.005
Stabilized sand field H	2.417	1.667	36.334	18.417	42.583	24.583	0.005	0	0.005
Stabilized sand field H	4.251	2.667	56.167	19.083	66.084	25.334	0.008	0.008	0.016
Stabilized sand field H	1.163	0.750	66.583	25.000	69.000	26.667	0.013	0.011	0.024
Stabilized sand field H	6.084	2.416	111.750	22.917	116.001	25.584	0.043	0.008	0.051
Stabilized sand field H	2.750	1.500	100.250	18.833	101.414	19.583	0.004	0.007	0.011
Stabilized sand field H	4.690	3.059	145.333	24.500	151.417	26.916	0.017	0.007	0.024
Stabilized sand field H	5.741	1.500	134.249	23.250	136.999	24.750	0.005	0	0.005
Stabilized sand field J	5.333	3.2498	52.667	33.000	53.25	33.5833	0.001	0.002	0.003
Stabilized sand field J	5.082	5.669	6.833	2.416	11.8329	7.4992	0.011	0.003	0.014

Cluster	Total Native Annual density	Total Native Annual % cover	Total Exotic Annual density	Total Exotic Annual % cover	Total Annual density	Total Annual % cover	Atriplex canescens density	Atriplex polycarpa density	Atriplex spp. density
Stabilized sand field J	1.333	3.0833	65.750	21.000	71.083	24.2498	0.003	0.008	0.011
Stabilized sand field J	3.501	9	20.667	11.667	25.75	17.3339	0.001	0.01	0.011
Stabilized sand field J	1	5.0833	22.667	14.833	24	17.9166	0.001	0.002	0.003
Stabilized sand field J	3.119	4.5356	22.750	17.997	26.2501	26.997	0.011	0.003	0.014
Stabilized sand field L	1.250	1.416	60.999	17.417	62.249	18.833	0.005	0.001	0.006
Stabilized sand field L	0.750	1.333	12.084	7.917	12.833	9.250	0.004	0	0.004
Stabilized sand field L	2.917	2.500	35.000	18.666	37.917	21.166	0.006	0.001	0.007
Stabilized sand field L	3.500	1.916	61.916	21.917	65.416	23.833	0.011	0.009	0.02
Stabilized sand field L	1.333	1.083	73.583	27.667	74.917	28.750	0.011	0	0.011
Stabilized sand field L	1.833	1.333	79.667	26.167	81.500	27.500	0.004	0.004	0.008
Stabilized sand field L	2.667	2.083	54.666	22.750	57.333	24.833	0.005	0.005	0.01
Stabilized sand field MH	1.083	1.000	43.167	29.250	44.250	30.250	0	0	0
Stabilized sand field MH	11.832	3.165	51.084	15.833	62.916	18.999	0.001	0	0.001
Stabilized sand field MH	2.500	2.416	49.583	28.834	52.084	31.250	0.005	0	0.005
Stabilized sand field MH	27.017	7.250	60.167	22.833	87.183	30.083	0.001	0	0.001
Stabilized sand field MH	0.750	0.583	50.917	23.167	51.666	23.750	0.001	0	0.001

Cluster	Croton californica density	Ephedra nevadensis density	Larrea tridentata density	Lepidospartum squamatum density	Petalonyx thurberii density	Psorothamnus arborescens density	Prosopis glandulosa density	Total shrub density	Fringe-toed (A)
Active Dune I	0	0	0	0	0	0	0	0.000	
Active Dune I	0	0	0	0	0	0	0	0.000	
Active Dune I	0	0	0	0	0	0	0	0.000	
Active Dune I	0	0	0	0	0	0	0	0.000	
Active Dune I	0	0	0	0	0	0	0	0.000	
Active Dune I	0	0	0	0	0	0	0	0.000	
Active Dune I	0	0	0.001	0	0	0	0	0.001	
Active Dune J	0	0	0.001	0	0	0	0	0.004	
Active Dune MH	0	0	0.003	0	0	0	0.001	0.006	
Active Dune2	0	0	0	0	0	0	0	0.002	
Active Dune2	0	0	0	0	0	0	0	0.002	
Active Dune2	0	0	0.001	0	0	0	0	0.021	
Active Dune2	0	0	0.004	0	0	0	0	0.008	
Active Dune2	0	0	0.004	0	0	0	0	0.005	
Active Dune2	0	0	0.001	0	0	0	0	0.005	
Active Dune4	0	0	0.006	0	0	0	0	0.009	
Active Dune4	0	0	0.002	0	0	0	0	0.004	
Active Dune4	0	0	0.004	0	0	0	0	0.021	
Active Dune4	0	0	0.005	0	0	0	0	0.007	
Active Dune4	0	0	0	0	0	0	0	0.002	
Active Dune4	0	0	0	0	0	0	0	0.004	
Ephemeral Sand Field	0	0	0.001	0	0.005	0.011	0	0.018	
Ephemeral Sand Field	0.047	0	0	0	0.006	0.013	0	0.080	
Ephemeral Sand Field	0	0	0	0	0.008	0.093	0	0.101	
Ephemeral Sand Field	0	0	0	0	0.021	0.02	0	0.042	
Ephemeral Sand Field	0.005	0	0	0	0.008	0.026	0	0.044	
Ephemeral Sand Field	0	0	0	0	0.008	0.084	0	0.092	
Ephemeral Sand Field	0.021	0	0.004	0	0.009	0.02	0	0.054	
Ephemeral Sand Field	0.022	0	0.001	0	0.006	0.017	0	0.046	
Ephemeral Sand Field	0.024	0	0.001	0	0.013	0.022	0	0.061	
Ephemeral Sand Field	0.02	0	0.002	0	0.011	0.021	0	0.054	
Ephemeral Sand Field	0.032	0	0.002	0	0.004	0.021	0	0.060	
Ephemeral Sand Field	2.167	0	0.002	0	0.012	0.013	0	0.053	
Ephemeral Sand Field	0	0	0.009	0	0.001	0.003	0	0.013	
Ephemeral Sand Field	0.016	0	0.01	0	0.001	0.001	0	0.028	
Ephemeral Sand Field	0	0	0.021	0	0	0	0	0.021	
Ephemeral Sand Field	0	0	0.007	0	0.016	0.005	0	0.028	
Ephemeral Sand Field	0	0	0.007	0	0.016	0.002	0	0.025	
Ephemeral Sand Field	0.0833	0	0.004	0	0.019	0.002	0	0.026	
Ephemeral Sand Field	0.004	0	0.009	0	0.001	0	0	0.055	
Ephemeral Sand Field	0.022	0.006	0.017	0	0	0	0	0.071	
Ephemeral Sand Field	0.002	0.003	0.021	0	0.001	0	0	0.066	
Ephemeral Sand Field	0.013	0.005	0.02	0	0	0	0	0.064	
Ephemeral Sand Field	0.001	0.006	0.019	0	0	0	0	0.065	
Ephemeral Sand Field	0.75	0.012	0.017	0	0	0	0	0.065	

Cluster	Croton californica density	Ephedra nevadensis density	Larrea tridentata density	Lepidospartum squamatum density	Petalonyx thurberii density	Psoralea arborescens density	Prosopis glandulosa density	Total shrub density	Fringe-toed (A)
Stabilized Dune MH	0	0	0.007	0	0	0	0.001	0.012	
Stabilized Dune MH	0	0	0.005	0	0	0	0	0.012	
Stabilized Dune MH	0	0	0.002	0	0	0	0	0.007	
Stabilized Dune MH	0	0	0.003	0	0	0	0.001	0.021	
Stabilized Dune MH	0	0	0	0	0	0	0	0.005	
Stabilized Dune MH	0	0	0.006	0	0	0	0	0.017	
Stabilized Dune MH	0	0	0.009	0	0	0	0	0.054	
Stabilized Dune MH	0	0	0.003	0	0	0	0	0.061	
Stabilized Dune MH	0	0	0	0	0	0	0	0.057	
Stabilized Dune MH	0.002	0	0	0	0	0	0	0.063	
Stabilized Dune MH	0.002	0	0.011	0	0	0	0	0.026	
Stabilized Dune MH	0	0	0.004	0	0	0	0.033	0.082	
Stabilized Dune MH	0	0	0.002	0	0	0	0.013	0.015	
Stabilized Dune MH	0.001	0	0.009	0	0	0	0	0.02	
Stabilized Dune MH	0.014	0	0.028	0	0	0	0.004	0.063	
Stabilized Dune MH	0.002	0	0.006	0	0	0	0	0.056	
Stabilized Dune MH	0	0	0.001	0	0	0	0.022	0.05	
Stabilized Dune MH	0.9167	0	0.005	0	0	0	0.002	0.088	
Stabilized Dune MH	0.001	0	0.003	0	0	0	0.025	0.033	
Stabilized Dune MH	0	0	0.006	0	0	0	0.012	0.033	
Stabilized Dune MH	0	0	0.014	0	0	0	0.006	0.021	
Stabilized Dune MH	0.004	0	0.011	0	0	0	0.005	0.044	
Stabilized Dune MH	0	0	0.017	0	0	0	0.003	0.047	
Stabilized sand field CA	0	0	0.003	0	0	0	0	0.008	
Stabilized sand field CA	0	0	0	0	0	0	0	0.009	
Stabilized sand field CA	0	0	0.001	0	0	0	0	0.014	
Stabilized sand field CA	0	0	0	0	0	0	0	0.015	
Stabilized sand field CA	0	0	0	0	0	0	0	0.012	
Stabilized sand field CB	0	0	0	0	0	0	0	0.002	
Stabilized sand field CB	0	0	0	0	0	0	0	0.001	
Stabilized sand field CB	0	0	0	0	0	0	0	0.001	
Stabilized sand field CB	0	0	0	0	0	0	0	0.004	
Stabilized sand field CB	0	0	0.002	0	0	0	0	0.005	
Stabilized sand field CB	0	0	0.002	0	0	0	0	0.008	
Stabilized sand field CB	0	0	0.005	0	0	0	0	0.011	
Stabilized sand field CB	0	0	0.002	0	0	0	0	0.007	
Stabilized sand field H	0	0	0.002	0	0	0	0	0.007	
Stabilized sand field H	0	0	0	0	0	0	0	0.016	
Stabilized sand field H	0	0	0.002	0	0	0	0	0.026	
Stabilized sand field H	0	0	0.003	0	0	0	0	0.054	
Stabilized sand field H	0	0	0	0	0	0	0	0.011	
Stabilized sand field H	0	0	0	0	0	0	0	0.024	
Stabilized sand field H	0	0	0	0	0	0	0	0.005	
Stabilized sand field J	0	0	0.002	0	0	0	0	0.005	
Stabilized sand field J	0	0	0.002	0	0	0	0	0.016	

Cluster	Croton californica density	Ephedra nevadensis density	Larrea tridentata density	Lepidospartum squamatum density	Petalonyx thurberii density	Psorothamnus arborescens density	Prosopis glandulosa density	Total shrub density	Fringe-toed (A)
Stabilized sand field J	0	0	0	0	0	0	0	0.011	
Stabilized sand field J	0	0	0.002	0	0	0	0	0.013	
Stabilized sand field J	0	0	0.006	0	0	0	0	0.009	
Stabilized sand field J	0	0	0.001	0	0	0	0	0.015	
Stabilized sand field L	0	0	0	0	0	0	0	0.006	
Stabilized sand field L	0	0	0.001	0	0	0	0	0.005	
Stabilized sand field L	0	0	0.003	0	0	0	0	0.001	
Stabilized sand field L	0	0	0.002	0	0	0	0	0.022	
Stabilized sand field L	0	0	0.002	0	0	0	0	0.013	
Stabilized sand field L	0	0	0.003	0	0	0	0	0.011	
Stabilized sand field L	0	0	0	0	0	0	0	0.010	
Stabilized sand field MH	0	0	0.001	0	0	0	0	0.001	
Stabilized sand field MH	0	0	0.002	0	0	0	0	0.003	
Stabilized sand field MH	0	0	0.004	0	0	0	0	0.009	
Stabilized sand field MH	0	0	0.015	0	0	0	0.001	0.017	
Stabilized sand field MH	0	0	0.001	0	0	0	0	0.002	

