OEDOPODINAE Trachyrhachis kiowa	Camnula pellucida	Arphia conspersa	Arphia pseudonietana	Chortophaga viridifasciata	Trimerotropis spp.	Circotettix undulatus	Dissosteira carolina	Other	DIVERSITY	RICHNESS
0	0	0	0	0	0	0	0	0	0.206	6
0	0	0	0.004	0.004	0	0	0	0	0.865	9
0	0	0	0	0	0	0	0	0	0.805	7
0	0	0.010	0	0.005	0	0	0	0	0.754	7
0	0	0	0	0	0	0	0	0	0.816	6
0	0	0	0	0	0	0	0	0	0.447	6
0	0	0	0	0	0	0	0	0	0.275	5
0	0	0	0	0.004	0	0	0	0	0.661	7
0	0	0.004	0.004	0.004	0	0	0	0	0.615	10
0	0	0	0	0.021	0	0	0	0	0.893	7
0	0	0	0.012	0	0	0	0	0	0.628	8
0	0	0	0.026	0	0	0	0	0	0.532	5
0	0	0.005	0	0	0	0	0	0	0.216	5
0	0	0	0	0	0	0	0	0	0.173	3
0	0	0	0	0	0	0	0	0	0.555	5
0	0	0	0	0	0	0	0	0	0.755	6
0	0	0	0	0	0	0	0	0	0.142	5
0	0.003	0	0	0	0	0	0	0	0.132	7
0	0	0	0	0	0	0	0	0.053	0.985	6
0	0	0	0	0	0	0	0	0	0.549	7
0	0	0	0.003	0.003	0	0	0	0	0.279	7
0	0	0	0	0	0	0	0	0	0.644	6
0	0	0	0	0	0	0	0	0	1.061	6
0	0	0	0	0	0	0	0	0	1.048	7
0	0	0	0	0	0	0	0	0	0.455	5
0	0	0	0	0	0	0	0	0	0.221	7
0	0	0	0.007	0.003	0	0	0	0	0.604	7
0	0	0	0	0	0	0	0	0	0.392	7
0	0.003	0	0	0	0	0	0	0	0.842	8
0	0	0	0.004	0	0	0	0	0	0.581	7
0	0	0	0	0	0	0	0	0	0.765	6

TOWER TWO - GRASSY

SITE/YEAR	SUBFAMILY: MELANOPLINAE Melanoplus dawsoni	M. femurrubrum	M. confusus	M. sanguinipes	M.oregonensis	M. packardii	M. bivittatus	GOMPHOCERINAE Ageneotettix deorum	Chorthippus curtipennis	Amphitornus coloradus	Chloealtis conspersa	Pseudopomala brachyptera	OEDOPODINAE Trachyrhachis kiowa	Camnula pellucida	Arphia conspersa	Arphia pseudonietana	Chortophaga viridifasciata	Trimerotropis spp.	Circotettix undulatus	Dissosteira carolina	Other	DIVERSITY	RICHNESS
TOWER TWO/1989	0.012	0	0	0.374	0.006	0	0.086	0	0.006	0	0.037	0.015	0	0.321	0	0	0	0	0	0	0.142	1.523	9
TOWER TWO/1990	0.060	0	0	0.285	0.029	0	0.051	0.011	0	0.004	0	0.061	0	0.419	0	0	0	0	0	0	0.079	1.592	9
TOWER TWO/1991	0.246	0	0.004	0.188	0.104	0	0.163	0	0	0	0.005	0.111	0	0.065	0	0.023	0	0	0	0	0.091	1.964	10
TOWER TWO/1992	0.207	0	0	0.487	0	0	0.134	0	0	0	0	0.070	0	0.086	0	0	0	0	0	0	0.016	1.410	6
TOWER TWO/1993	0.192	0	0	0.251	0.051	0	0.165	0	0	0	0	0.151	0	0.187	0	0	0	0	0	0	0.003	1.729	7
TOWER TWO/1994	0.270	0.003	0	0.423	0.013	0	0.109	0	0	0	0	0.135	0	0.035	0	0	0	0	0	0	0.014	1.477	8
TOWER TWO/1995	0.252	0	0	0.471	0	0	0.060	0	0.006	0.009	0.006	0.177	0	0.019	0	0	0	0	0	0	0	1.355	8
TOWER TWO/1996	0.276	0.004	0	0.241	0	0	0.154	0.004	0	0	0	0.309	0	0.004	0	0	0	0	0.004	0	0.004	1.458	9
TOWER TWO/1997	0.225	0	0	0.176	0.049	0	0.295	0	0	0	0.050	0.181	0	0.003	0	0	0	0	0	0	0.021	1.707	8
TOWER TWO/1998	0.352	0.003	0	0.256	0.010	0	0.257	0	0	0	0.003	0.104	0	0.003	0	0	0	0	0	0	0.021	1.484	9
TOWER TWO/1999	0.118	0	0	0.353	0.050	0	0.189	0.004	0.004	0	0.027	0.188	0	0.004	0	0.008	0	0	0	0	0.058	1.760	11
TOWER TWO/2000	0.102	0	0	0.349	0	0	0.131	0.004	0.020	0.038	0.013	0.282	0	0.045	0	0	0	0	0	0	0.019	1.720	10
TOWER TWO/2001	0.020	0	0	0.428	0.021	0	0.052	0	0	0.040	0.042	0.337	0	0.026	0	0	0	0	0.011	0	0.025	1.536	10
TOWER TWO/2002	0.045	0.010	0	0.564	0	0	0.050	0.005	0	0.010	0.005	0.284	0	0.005	0	0	0	0.005	0.005	0	0.010	1.245	12
TOWER TWO/2003	0.020	0.008	0	0.808	0	0	0.072	0.012	0	0.012	0	0.036	0	0.012	0	0.016	0	0	0	0	0.004	0.845	10
TOWER TWO/2004	0	0	0	0.744	0	0	0.080	0.040	0	0.048	0	0	0	0	0	0	0	0	0	0	0.088	0.910	5
TOWER TWO/2005	0.010	0.014	0	0.604	0	0	0.319	0.003	0	0	0	0.013	0.003	0.007	0	0	0	0	0	0	0.027	0.999	9
TOWER TWO/2006	0.006	0.011	0	0.562	0	0	0.378	0	0	0	0.040	0.017	0	0	0	0	0	0	0	0	0.023	1.057	7
TOWER TWO/2007	0.003	0	0.005	0.878	0	0	0.088	0.012	0	0.006	0.006	0	0	0	0	0	0	0	0	0	0.003	0.500	8
TOWER TWO/2008	0.017	0	0	0.539	0	0	0.385	0	0	0.016	0	0.025	0	0	0	0	0	0	0	0	0.018	0.999	6
TOWER TWO/2009	0.010	0	0	0.557	0.003	0	0.310	0.007	0	0	0	0.007	0	0.076	0	0	0	0	0	0	0.030	1.121	8
TOWER TWO/2010	0.020	0	0	0.544	0	0	0.331	0.013	0	0.007	0.003	0.010	0	0.073	0	0	0	0	0	0	0	1.120	8
TOWER TWO/2011	0.013	0	0	0.450	0.014	0	0.268	0.003	0	0	0.003	0.102	0	0.025	0	0	0	0	0	0	0.123	1.444	9
TOWER TWO/2012	0.008	0	0	0.270	0	0	0.572	0.004	0	0	0	0.079	0	0	0	0	0	0	0	0	0.067	1.115	6
TOWER TWO/2013	0.005	0.005	0	0.294	0	0	0.631	0	0	0.005	0	0.032	0	0.016	0	0	0	0	0	0	0.011	0.959	8
TOWER TWO/2014	0.030	0	0	0.696	0	0	0.167	0.004	0.011	0.004	0	0.046	0	0	0	0	0	0	0	0	0.042	1.025	8
TOWER TWO/2015	0.003	0	0.000	0.829	0	0	0.023	0.057	0	0.010	0	0.003	0	0.074	0	0	0	0	0	0	0	0.682	7
TOWER TWO/2016	0.006	0	0	0.825	0	0.003	0.049	0.046	0	0.015	0	0.003	0	0.052	0	0	0	0	0	0	0	0.735	8
TOWER TWO/2017	0	0.004	0.013	0.756	0	0	0.129	0.018	0	0.004	0	0.031	0	0.036	0	0	0.009	0	0	0	0	0.918	9
TOWER TWO/2018	0.011	0	0	0.620	0.004	0.008	0.226	0	0	0.000	0	0.026	0	0.102	0	0	0	0	0	0	0.000	1.071	7
TOWER TWO/2019	0.003	0	0	0.541	0	0	0.303	0	0	0.009	0	0.021	0	0.087	0	0	0	0	0	0	0.036	1.168	7

OTHER SITES

SITE/YEAR	SUBFAMILY: MELANOPLINAE Melanoplus dawsoni	M. femurrubrum	M. confusus	M. sanguinipes	M.oregonensis	M. packardii	M. bivittatus	GOMPHOCERINAE Ageneotettix deorum	Chorthippus curtipennis	Amphitornus coloradus	Chloealtis conspersa	Pseudopomala brachyptera	OEDOPODINAE Trachyrhachis kiowa	Camnula pellucida	Arphia conspersa	Arphia pseudonietana	Chortophaga viridifasciata	Trimerotropis spp.	Circotettix undulatus	Dissosteira carolina	Other	DIVERSITY	RICHNESS
HILL 2/1985	0	0.503	0	0.376	0	0	0.01	0	0	0.001	0	0.006	0	0	0.033	0.071	0	0	0.001	0	0	1.101	8
HILL 2/1986	0	0.393	0	0.489	0	0	0.006	0.014	0	0.001	0	0	0.026	0.007	0.006	0.052	0	0	0.002	0.002	0.002	1.164	12
HILL 2/1989																							
HILL 2/1990																							
HILL 2/ 1991																							
TOWER 2 rocky/1983	0	0	0	0.890	0	0	0	0	0	0	0	0	0	0	0	0.038	0	0	0	0	0.072	0.417	3
TOWER 2 rocky/1986	0.021	0	0	0.949	0	0	0	0.004	0	0.009	0	0.004	0.009	0	0	0	0	0	0.004	0	0	0.281	7
TOWER 2 rocky/1989																							
TOWER 2 rocky/1990																							
NORTH BOUNDARY/1982																							
NORTH BOUNDARY/1983																							
NORTH BOUNDARY/1984	0	0.322	0	0.372	0	0	0	0.022	0	0	0	0	0	0	0	0.226	0	0	0	0.006	0.052	1.337	6
NORTH BOUNDARY/1985	0.030	0.615	0	0.163	0	0	0	0.059	0	0	0	0	0	0	0.104	0.030	0	0	0	0	0	1.206	6
NORTH BOUNDARY/1986	0	0.433	0	0.426	0	0	0.005	0.002	0	0.007	0	0.003	0.065	0.004	0.017	0.037	0	0	0	0.001	0.001	1.220	12
NORTH BOUNDARY/1987	0	0.415	0	0.521	0	0	0	0.014	0	0	0	0.007	0.012	0.002	0	0.019	0	0	0	0.002	0.007	0.992	9
PAULINE/1984	0	0.280	0	0.423	0	0	0.005	0.053	0	0	0	0	0.025	0	0	0.176	0	0	0	0.020	0.017	1.451	8
PAULINE/1985																							
PAULINE/1986	0	0.070	0	0.649	0	0	0	0.186	0	0.025	0	0	0.037	0	0	0.025	0	0	0	0	0.008	1.126	7
WESTSIDE/1986	0.010	0	0	0.963	0	0	0.018	0.008	0	0	0	0	0	0	0	0	0	0	0	0	0.002	0.202	5
TOWER 1/1986	0.011	0	0.004	0.714	0	0	0.165	0	0	0	0	0.015	0	0.023	0	0.049	0	0	0.015	0.004	0	0.990	9