

Survey of roadside alien plants in Hawai'i Volcanoes National Park and adjacent residential areas 2001–2005

Scientific Name	Species Code	New Park Record	Incipient in Hwy 11 Buffer	Dataset	Area	Road	Mile Marker	Side of Road	Observer1	Observer2	Survey Date	X Coordinate	Y Coordinate	GIS Projection	Elevation (M)	Elevation (F)
Abutilon grandifolium	AbuGra			HAVO	Highway 11	Highway 11	65	both	Keali'i Bio	Laura Nelson	16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Abutilon grandifolium	AbuGra			HAVO	Highway 11	Highway 11	66	both	Keali'i Bio	Laura Nelson	16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Abutilon grandifolium	AbuGra			HAVO	Highway 11	Highway 11	67	mauka	Laura Nelson		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Abutilon grandifolium	AbuGra			HAVO	Highway 11	Highway 11	69	right	Keali'i Bio		03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Abutilon grandifolium	AbuGra			HAVO	Highway 11	Highway 11	71	left	Laura Nelson		03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047
Abutilon grandifolium	AbuGra			HAVO	Highway 11	Highway 11	75	right	Keali'i Bio		02-Apr-02	211522	2111153	UTM Zone 5 NAD 83	596	1955
Abutilon grandifolium	AbuGra			HAVO	Highway 11	Highway 11	76	both	Keali'i Bio	Laura Nelson	02-Apr-02	210081	2111710	UTM Zone 5 NAD 83	594	1949
Abutilon grandifolium	AbuGra			HAVO	Highway 11	Highway 11	77	both	Keali'i Bio	Laura Nelson	02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Abutilon grandifolium	AbuGra			HAVO	Highway 11	Highway 11	81	both	Keali'i Bio	Laura Nelson	20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Acacia confusa	AcaCon			East of HAVO	Highway 130	Highway 130	11	right	Keali'i Bio		19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Acacia confusa	AcaCon			East of HAVO	Highway 130	Highway 130	19	right	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Acacia confusa	AcaCon			East of HAVO	Stainback Highway	Stainback Highway	14	right	Keali'i Bio		24-Jan-05	265311	2164578	UTM Zone 5 NAD 83	1130	3707
Acacia confusa	AcaCon			HAVO	Highway 11	Highway 11	35	makai	Linda Pratt	Steve Dougill	18-May-01	254327	2146502	UTM Zone 5 NAD 83	1046	3432
Acacia confusa	AcaCon			HAVO	Highway 11	Highway 11	37	mauka	Keali'i Bio		21-May-01	252204	2144180	UTM Zone 5 NAD 83	960	3150
Acacia confusa	AcaCon			HAVO	Highway 11	Highway 11	47	makai	Robert Yamanoha		04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699
Acacia confusa	AcaCon			HAVO	Highway 11	Highway 11	48	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	242779	2129420	UTM Zone 5 NAD 83	483	1585
Acacia confusa	AcaCon			HAVO	Highway 11	Highway 11	49	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Acacia confusa	AcaCon			HAVO	Highway 11	Highway 11	65	mauka	Laura Nelson		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Acacia confusa	AcaCon			HAVO	Highway 11	Highway 11	69	both	Keali'i Bio	Laura Nelson	03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Acacia confusa	AcaCon			HAVO	Highway 11	Highway 11	75	right	Keali'i Bio		02-Apr-02	211522	2111153	UTM Zone 5 NAD 83	596	1955
Acacia confusa	AcaCon			Residential	Volcano Golf Course	Kolokea			Keali'i Bio	Linda Pratt	12-Aug-03	260806	2152014	UTM Zone 5 NAD 83	1227	4026
Acacia confusa	AcaCon			Residential	Volcano Golf Course	Painiu			Keali'i Bio	Linda Pratt	12-Aug-03	260928	2151431	UTM Zone 5 NAD 83	1226	4022
Acacia confusa	AcaCon			Residential	Volcano Village	Kilauea			Keali'i Bio	Linda Pratt	05-Aug-03	265390	2150283	UTM Zone 5 NAD 83	1134	3720
Acacia mearnsii**	AcaMea			HAVO	Highway 11	Highway 11	45	both	Keali'i Bio	Robert Yamanoha	30-May-01	244911	2133713	UTM Zone 5 NAD 83	628	2060
Acacia mearnsii**	AcaMea			HAVO	Highway 11	Highway 11	46	mauka	Keali'i Bio		30-May-01	244057	2132365	UTM Zone 5 NAD 83	586	1923
Acacia mearnsii**	AcaMea			HAVO	Highway 11	Highway 11	47	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699
Acacia mearnsii**	AcaMea			HAVO	Highway 11	Highway 11	48	mauka	Keali'i Bio		04-Jun-01	242779	2129420	UTM Zone 5 NAD 83	483	1585
Acacia mearnsii**	AcaMea			HAVO	Highway 11	Highway 11	49	makai	Robert Yamanoha		04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Agave americana	AgaAme			East of HAVO	Highway 130	Highway 130	18	left	Chelsie Javar	Keali'i Bio	20-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Agave americana	AgaAme			HAVO	Highway 11	Highway 11	69	right	Keali'i Bio		03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Agave americana	AgaAme			HAVO	Highway 11	Highway 11	75	right	Keali'i Bio		02-Apr-02	211522	2111153	UTM Zone 5 NAD 83	596	1955
Agave americana	AgaAme			HAVO	Highway 11	Highway 11	78	right	Keali'i Bio		02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Agave americana	AgaAme			HAVO	Highway 11	Highway 11	80	mauka	Keali'i Bio		20-Mar-02	204197	2114294	UTM Zone 5 NAD 83	583	1913
Agave americana	AgaAme			HAVO	Wright Rd	Wright Rd	3	left	Linda Pratt		06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Agave americana	AgaAme			Residential	Mauna Loa Estates	1st			Keali'i Bio	Linda Pratt	12-Aug-03	266167	2150096	UTM Zone 5 NAD 83	1117	3665
Agave americana	AgaAme			Residential	Mauna Loa Estates	2nd			Keali'i Bio	Linda Pratt	12-Aug-03	267113	2150594	UTM Zone 5 NAD 83	1077	3533
Agave americana	AgaAme			Residential	Mauna Loa Estates	7th			Keali'i Bio	Linda Pratt	12-Aug-03	266470	2149349	UTM Zone 5 NAD 83	1121	3678
Agave americana	AgaAme			Residential	Mauna Loa Estates	8th			Keali'i Bio	Linda Pratt	12-Aug-03	266498	2149211	UTM Zone 5 NAD 83	1123	3684
Agave americana	AgaAme			Residential	Volcano Golf Course	Kaohelo			Keali'i Bio	Linda Pratt	12-Aug-03	260961	2151805	UTM Zone 5 NAD 83	1228	4029
Agave americana	AgaAme			Residential	Volcano Golf Course	Palaa			Keali'i Bio	Linda Pratt	12-Aug-03	260126	2151287	UTM Zone 5 NAD 83	1219	3999
Agave americana	AgaAme			Residential	Volcano Golf Course	Pukiawe Circle W			Keali'i Bio	Linda Pratt	12-Aug-03	260317	2151596	UTM Zone 5 NAD 83	1223	4012
Agave sisalana	AgaSis			East of HAVO	Highway 130	Highway 130	18	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Agave sisalana	AgaSis			HAVO	Highway 11	Highway 11	72	right	Keali'i Bio		03-Apr-02	215850	2109628	UTM Zone 5 NAD 83	602	1975
Agave sisalana	AgaSis			HAVO	Highway 11	Highway 11	73	right	Keali'i Bio		02-Apr-02	214329	2110073	UTM Zone 5 NAD 83	597	1959
Agave sisalana	AgaSis			HAVO	Highway 11	Highway 11	75	left	Laura Nelson		02-Apr-02	211522	2111153	UTM Zone 5 NAD 83	596	1955
Agave sisalana	AgaSis			HAVO	Highway 11	Highway 11	77	both	Keali'i Bio	Laura Nelson	02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Agave sisalana	AgaSis			HAVO	Highway 11	Highway 11	78	both	Keali'i Bio	Laura Nelson	02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955

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Agave sisalana	AgaSis			HAVO	Highway 11	Highway 11	79	both	Keali'i Bio	Laura Nelson	20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
Agave sisalana	AgaSis			Residential	Volcano Golf Course	Painiu			Keali'i Bio	Linda Pratt	12-Aug-03	260928	2151431	UTM Zone 5 NAD 83	1226	4022
Agave sisalana	AgaSis			Residential	Volcano Village	Road C			Keali'i Bio	Linda Pratt	05-Aug-03	265199	2151994	UTM Zone 5 NAD 83	1137	3730
Ageratina riparia**	AgeRip			East of HAVO	Highway 130	Highway 130	15	both	Keali'i Bio	Linda Pratt	19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Ageratina riparia**	AgeRip			East of HAVO	Highway 130	Highway 130	17	right	Keali'i Bio		19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Ageratina riparia**	AgeRip			East of HAVO	Stainback Highway	Stainback Highway	9	right	Keali'i Bio		24-Jan-05	272678	2166769	UTM Zone 5 NAD 83	694	2277
Ageratina riparia**	AgeRip			East of HAVO	Stainback Highway	Stainback Highway	11	right	Keali'i Bio		24-Jan-05	269708	2165751	UTM Zone 5 NAD 83	882	2894
Ageratina riparia**	AgeRip			East of HAVO	Stainback Highway	Stainback Highway	12	both	Keali'i Bio	Linda Pratt	24-Jan-05	268168	2165427	UTM Zone 5 NAD 83	954	3130
Ageratina riparia**	AgeRip			East of HAVO	Stainback Highway	Stainback Highway	13	left	Linda Pratt		24-Jan-05	266627	2165328	UTM Zone 5 NAD 83	1032	3386
Ageratina riparia**	AgeRip			East of HAVO	Stainback Highway	Stainback Highway	14	right	Keali'i Bio		24-Jan-05	265311	2164578	UTM Zone 5 NAD 83	1130	3707
Ageratina riparia**	AgeRip			East of HAVO	Stainback Highway	Stainback Highway	15	both	Keali'i Bio	Linda Pratt	24-Jan-05	263807	2164694	UTM Zone 5 NAD 83	1213	3980
Ageratina riparia**	AgeRip			East of HAVO	Stainback Highway	Stainback Highway	16	both	Keali'i Bio	Linda Pratt	24-Jan-05	262244	2164420	UTM Zone 5 NAD 83	1328	4357
Ageratina riparia**	AgeRip			East of HAVO	Stainback Highway	Stainback Highway	17	right	Keali'i Bio		24-Jan-05	260706	2164215	UTM Zone 5 NAD 83	1434	4705
Ageratina riparia**	AgeRip			East of HAVO	Stainback Highway	Stainback Highway	18	both	Keali'i Bio	Linda Pratt	24-Jan-05	259274	2163747	UTM Zone 5 NAD 83	1528	5013
Ageratina riparia**	AgeRip			HAVO	Chain of Craters Rd	Chain of Craters Rd	3	both	Keali'i Bio	Linda Pratt	31-May-01	265912	2143452	UTM Zone 5 NAD 83	1002	3287
Ageratina riparia**	AgeRip			HAVO	Chain of Craters Rd	Chain of Craters Rd	4	both	Keali'i Bio	Linda Pratt	31-May-01	266449	2142261	UTM Zone 5 NAD 83	975	3199
Ageratina riparia**	AgeRip			HAVO	Chain of Craters Rd	Chain of Craters Rd	6	left (even mile	Linda Pratt	Robert Yamanoha	31-May-01	268022	2139839	UTM Zone 5 NAD 83	843	2766
Ageratina riparia**	AgeRip			HAVO	Chain of Craters Rd	Chain of Craters Rd	8	right (odd mile	Keali'i Bio		31-May-01	270524	2138448	UTM Zone 5 NAD 83	730	2395
Ageratina riparia**	AgeRip			HAVO	Crater Rim Rd	Crater Rim Rd	0	right	Keali'i Bio		23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Ageratina riparia**	AgeRip			HAVO	Crater Rim Rd	Crater Rim Rd	8	both	Linda Pratt	Keali'i Bio	23-Jul-01	264190	2147608	UTM Zone 5 NAD 83	1153	3783
Ageratina riparia**	AgeRip			HAVO	Highway 11	Highway 11	23	both	Keali'i Bio	Linda Pratt	17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Ageratina riparia**	AgeRip			HAVO	Highway 11	Highway 11	24	both	Keali'i Bio	Linda Pratt	17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Ageratina riparia**	AgeRip			HAVO	Highway 11	Highway 11	27	makai	Keali'i Bio		17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Ageratina riparia**	AgeRip			HAVO	Highway 11	Highway 11	28	mauka	Keali'i Bio		21-May-01	263792	2149317	UTM Zone 5 NAD 83	1182	3878
Ageratina riparia**	AgeRip			HAVO	Highway 11	Highway 11	31	makai	Linda Pratt	Steve Dougill	18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009
Ageratina riparia**	AgeRip			HAVO	Highway 11	Highway 11	42	mauka	Keali'i Bio		30-May-01	247211	2137934	UTM Zone 5 NAD 83	754	2474
Ageratina riparia**	AgeRip			HAVO	Highway 11	Highway 11	67	both	Keali'i Bio	Laura Nelson	16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Ageratina riparia**	AgeRip			HAVO	Highway 11	Highway 11	68	both	Keali'i Bio	Laura Nelson	03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Ageratina riparia**	AgeRip			HAVO	Highway 11	Highway 11	69	both	Keali'i Bio	Laura Nelson	03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Ageratina riparia**	AgeRip			HAVO	Highway 11	Highway 11	70	both	Keali'i Bio	Laura Nelson	03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Ageratina riparia**	AgeRip			HAVO	Highway 11	Highway 11	71	both	Keali'i Bio	Laura Nelson	03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047
Ageratina riparia**	AgeRip			HAVO	Highway 11	Highway 11	72	left	Laura Nelson		03-Apr-02	215850	2109628	UTM Zone 5 NAD 83	602	1975
Ageratina riparia**	AgeRip			HAVO	Highway 11	Highway 11	75	both	Keali'i Bio	Laura Nelson	02-Apr-02	211522	2111153	UTM Zone 5 NAD 83	596	1955
Ageratina riparia**	AgeRip			HAVO	Highway 11	Highway 11	78	left	Laura Nelson		02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Ageratina riparia**	AgeRip			HAVO	Highway 11	Highway 11	79	both	Keali'i Bio	Laura Nelson	20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
Ageratina riparia**	AgeRip			HAVO	Highway 11	Highway 11	80	both	Keali'i Bio	Laura Nelson	20-Mar-02	204197	2114294	UTM Zone 5 NAD 83	583	1913
Ageratina riparia**	AgeRip			HAVO	Highway 11	Highway 11	81	both	Keali'i Bio	Laura Nelson	20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Ageratina riparia**	AgeRip			HAVO	Wright Rd	Wright Rd	2	right	Keali'i Bio		06-Oct-03	264381	2152867	UTM Zone 5 NAD 83	1161	3809
Albizia chinensis	AlbChi			East of HAVO	Highway 130	Highway 130	11	right	Keali'i Bio		19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Albizia chinensis	AlbChi			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Albizia chinensis	AlbChi			East of HAVO	Highway 130	Highway 130	13	right	Keali'i Bio		19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Albizia chinensis	AlbChi			East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Albizia chinensis	AlbChi			East of HAVO	Highway 130	Highway 130	15	both	Keali'i Bio	Linda Pratt	19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Albizia chinensis	AlbChi			East of HAVO	Highway 130	Highway 130	16	both	Keali'i Bio	Linda Pratt	19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Albizia chinensis	AlbChi			East of HAVO	Highway 130	Highway 130	17	right	Keali'i Bio		19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Allamanda cathartica	AllCat		Y	East of HAVO	Highway 130	Highway 130	13	left	Linda Pratt		19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Allamanda cathartica	AllCat		Y	East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Allamanda cathartica	AllCat		Y	East of HAVO	Highway 130	Highway 130	15	left	Linda Pratt		19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Allamanda cathartica	AllCat		Y	HAVO	Highway 11	Highway 11	65	mauka	Laura Nelson		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Allamanda cathartica	AllCat		Y	HAVO	Highway 11	Highway 11	67	makai	Keali'i Bio		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Allamanda cathartica	AllCat		Y	HAVO	Highway 11	Highway 11	75	right	Keali'i Bio		02-Apr-02	211522	2111153	UTM Zone 5 NAD 83	596	1955

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Allamanda cathartica	AllCat		Y	HAVO	Highway 11	Highway 11	76	left	Laura Nelson		02-Apr-02	210081	2111710	UTM Zone 5 NAD 83	594	1949
Allamanda cathartica	AllCat		Y	HAVO	Highway 11	Highway 11	77	right	Keali'i Bio		02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Allamanda cathartica	AllCat		Y	HAVO	Highway 11	Highway 11	79	mauka	Keali'i Bio		20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
Allamanda schottii	AllSch			East of HAVO	Highway 130	Highway 130	11	left	Linda Pratt		19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Alpinia sp.	AlpSp			East of HAVO	Highway 130	Highway 130	17	left	Linda Pratt		19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Andropogon virginicus**	AndVir			East of HAVO	Highway 130	Highway 130	11	left	Linda Pratt		19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Andropogon virginicus**	AndVir			East of HAVO	Highway 130	Highway 130	12	left	Linda Pratt		19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Andropogon virginicus**	AndVir			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Andropogon virginicus**	AndVir			East of HAVO	Highway 130	Highway 130	14	left	Linda Pratt		19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Andropogon virginicus**	AndVir			East of HAVO	Highway 130	Highway 130	15	both	Keali'i Bio	Linda Pratt	19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Andropogon virginicus**	AndVir			East of HAVO	Highway 130	Highway 130	16	both	Keali'i Bio	Linda Pratt	19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Andropogon virginicus**	AndVir			East of HAVO	Highway 130	Highway 130	17	right	Keali'i Bio		19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Andropogon virginicus**	AndVir			East of HAVO	Highway 130	Highway 130	18	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Andropogon virginicus**	AndVir			East of HAVO	Highway 130	Highway 130	19	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Andropogon virginicus**	AndVir			East of HAVO	Highway 130	Highway 130	20	right	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Andropogon virginicus**	AndVir			East of HAVO	Stainback Highway	Stainback Highway	9	both	Keali'i Bio	Linda Pratt	24-Jan-05	272678	2166769	UTM Zone 5 NAD 83	694	2277
Andropogon virginicus**	AndVir			East of HAVO	Stainback Highway	Stainback Highway	10	both	Keali'i Bio	Linda Pratt	24-Jan-05	271239	2166177	UTM Zone 5 NAD 83	793	2602
Andropogon virginicus**	AndVir			East of HAVO	Stainback Highway	Stainback Highway	11	both	Keali'i Bio	Linda Pratt	24-Jan-05	269708	2165751	UTM Zone 5 NAD 83	882	2894
Andropogon virginicus**	AndVir			East of HAVO	Stainback Highway	Stainback Highway	12	both	Keali'i Bio	Linda Pratt	24-Jan-05	268168	2165427	UTM Zone 5 NAD 83	954	3130
Andropogon virginicus**	AndVir			East of HAVO	Stainback Highway	Stainback Highway	13	both	Keali'i Bio	Linda Pratt	24-Jan-05	266627	2165328	UTM Zone 5 NAD 83	1032	3386
Andropogon virginicus**	AndVir			East of HAVO	Stainback Highway	Stainback Highway	14	both	Keali'i Bio	Linda Pratt	24-Jan-05	265311	2164578	UTM Zone 5 NAD 83	1130	3707
Andropogon virginicus**	AndVir			East of HAVO	Stainback Highway	Stainback Highway	15	both	Keali'i Bio	Linda Pratt	24-Jan-05	263807	2164694	UTM Zone 5 NAD 83	1213	3980
Andropogon virginicus**	AndVir			East of HAVO	Stainback Highway	Stainback Highway	16	both	Keali'i Bio	Linda Pratt	24-Jan-05	262244	2164420	UTM Zone 5 NAD 83	1328	4357
Andropogon virginicus**	AndVir			East of HAVO	Stainback Highway	Stainback Highway	17	both	Keali'i Bio	Linda Pratt	24-Jan-05	260706	2164215	UTM Zone 5 NAD 83	1434	4705
Andropogon virginicus**	AndVir			East of HAVO	Stainback Highway	Stainback Highway	18	both	Keali'i Bio	Linda Pratt	24-Jan-05	259274	2163747	UTM Zone 5 NAD 83	1528	5013
Andropogon virginicus**	AndVir			HAVO	Chain of Craters Rd	Chain of Craters Rd	0	both	Keali'i Bio	Linda Pratt	31-May-01	263393	2147218	UTM Zone 5 NAD 83	1135	3724
Andropogon virginicus**	AndVir			HAVO	Chain of Craters Rd	Chain of Craters Rd	1	both	Keali'i Bio	Linda Pratt	31-May-01	263783	2145709	UTM Zone 5 NAD 83	1107	3632
Andropogon virginicus**	AndVir			HAVO	Chain of Craters Rd	Chain of Craters Rd	2	both	Keali'i Bio	Linda Pratt	31-May-01	264754	2144382	UTM Zone 5 NAD 83	1045	3428
Andropogon virginicus**	AndVir			HAVO	Chain of Craters Rd	Chain of Craters Rd	3	both	Keali'i Bio	Linda Pratt	31-May-01	265912	2143452	UTM Zone 5 NAD 83	1002	3287
Andropogon virginicus**	AndVir			HAVO	Chain of Craters Rd	Chain of Craters Rd	4	both	Keali'i Bio	Linda Pratt	31-May-01	266449	2142261	UTM Zone 5 NAD 83	975	3199
Andropogon virginicus**	AndVir			HAVO	Chain of Craters Rd	Chain of Craters Rd	5	both	Keali'i Bio	Linda Pratt	31-May-01	266926	2140904	UTM Zone 5 NAD 83	908	2979
Andropogon virginicus**	AndVir			HAVO	Chain of Craters Rd	Chain of Craters Rd	6	both	Keali'i Bio	Linda Pratt	31-May-01	268022	2139839	UTM Zone 5 NAD 83	843	2766
Andropogon virginicus**	AndVir			HAVO	Chain of Craters Rd	Chain of Craters Rd	7	both	Keali'i Bio	Linda Pratt	31-May-01	269208	2138981	UTM Zone 5 NAD 83	770	2526
Andropogon virginicus**	AndVir			HAVO	Chain of Craters Rd	Chain of Craters Rd	8	both	Keali'i Bio	Linda Pratt	31-May-01	270524	2138448	UTM Zone 5 NAD 83	730	2395
Andropogon virginicus**	AndVir			HAVO	Chain of Craters Rd	Chain of Craters Rd	9	both	Keali'i Bio	Linda Pratt	31-May-01	271712	2137525	UTM Zone 5 NAD 83	641	2103
Andropogon virginicus**	AndVir			HAVO	Chain of Craters Rd	Chain of Craters Rd	10	both	Keali'i Bio	Linda Pratt	06-Jun-01	273179	2137236	UTM Zone 5 NAD 83	586	1923
Andropogon virginicus**	AndVir			HAVO	Chain of Craters Rd	Chain of Craters Rd	11	both	Keali'i Bio	Linda Pratt	06-Jun-01	274716	2136863	UTM Zone 5 NAD 83	487	1598
Andropogon virginicus**	AndVir			HAVO	Chain of Craters Rd	Chain of Craters Rd	12	both	Keali'i Bio	Linda Pratt	06-Jun-01	276347	2137027	UTM Zone 5 NAD 83	389	1276
Andropogon virginicus**	AndVir			HAVO	Chain of Craters Rd	Chain of Craters Rd	13	both	Keali'i Bio	Linda Pratt	06-Jun-01	275080	2136341	UTM Zone 5 NAD 83	281	922
Andropogon virginicus**	AndVir			HAVO	Chain of Craters Rd	Chain of Craters Rd	14	both	Keali'i Bio	Linda Pratt	06-Jun-01	273674	2135766	UTM Zone 5 NAD 83	195	640
Andropogon virginicus**	AndVir			HAVO	Chain of Craters Rd	Chain of Craters Rd	15	both	Keali'i Bio	Linda Pratt	06-Jun-01	274404	2134602	UTM Zone 5 NAD 83	109	358
Andropogon virginicus**	AndVir			HAVO	Chain of Craters Rd	Chain of Craters Rd	16	both	Keali'i Bio	Linda Pratt	06-Jun-01	275968	2134281	UTM Zone 5 NAD 83	46	151
Andropogon virginicus**	AndVir			HAVO	Chain of Craters Rd	Chain of Craters Rd	17	both	Keali'i Bio	Linda Pratt	06-Jun-01	277363	2133480	UTM Zone 5 NAD 83	18	59
Andropogon virginicus**	AndVir			HAVO	Chain of Craters Rd	Chain of Craters Rd	18	both	Keali'i Bio	Linda Pratt	06-Jun-01	278716	2134304	UTM Zone 5 NAD 83	13	43
Andropogon virginicus**	AndVir			HAVO	Chain of Craters Rd	Chain of Craters Rd	19	both	Keali'i Bio	Linda Pratt	06-Jun-01	280123	2135093	UTM Zone 5 NAD 83	14	46
Andropogon virginicus**	AndVir			HAVO	Crater Rim Rd	Crater Rim Rd	0	both	Linda Pratt	Keali'i Bio	23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Andropogon virginicus**	AndVir			HAVO	Crater Rim Rd	Crater Rim Rd	1	both	Linda Pratt	Keali'i Bio	23-Jul-01	261717	2150216	UTM Zone 5 NAD 83	1210	3970
Andropogon virginicus**	AndVir			HAVO	Crater Rim Rd	Crater Rim Rd	2	both	Linda Pratt	Keali'i Bio	23-Jul-01	260209	2149821	UTM Zone 5 NAD 83	1228	4029
Andropogon virginicus**	AndVir			HAVO	Crater Rim Rd	Crater Rim Rd	3	both	Linda Pratt	Keali'i Bio	23-Jul-01	259205	2148667	UTM Zone 5 NAD 83	1214	3983
Andropogon virginicus**	AndVir			HAVO	Crater Rim Rd	Crater Rim Rd	4	both	Linda Pratt	Keali'i Bio	23-Jul-01	258880	2147374	UTM Zone 5 NAD 83	1148	3766
Andropogon virginicus**	AndVir			HAVO	Crater Rim Rd	Crater Rim Rd	5	both	Linda Pratt	Keali'i Bio	23-Jul-01	259825	2146599	UTM Zone 5 NAD 83	1119	3671

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Andropogon virginicus**	AndVir			HAVO	Crater Rim Rd	Crater Rim Rd	6	both	Linda Pratt	Keali'i Bio	23-Jul-01	261322	2146491	UTM Zone 5 NAD 83	1109	3638
Andropogon virginicus**	AndVir			HAVO	Crater Rim Rd	Crater Rim Rd	7	both	Linda Pratt	Keali'i Bio	23-Jul-01	262735	2147218	UTM Zone 5 NAD 83	1146	3760
Andropogon virginicus**	AndVir			HAVO	Crater Rim Rd	Crater Rim Rd	8	both	Linda Pratt	Keali'i Bio	23-Jul-01	264190	2147608	UTM Zone 5 NAD 83	1153	3783
Andropogon virginicus**	AndVir			HAVO	Crater Rim Rd	Crater Rim Rd	9	both	Linda Pratt	Keali'i Bio	23-Jul-01	264678	2148282	UTM Zone 5 NAD 83	1194	3917
Andropogon virginicus**	AndVir			HAVO	Crater Rim Rd	Crater Rim Rd	10	right	Linda Pratt		23-Jul-01	263738	2149287	UTM Zone 5 NAD 83	1181	3875
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	23	both	Keali'i Bio	Linda Pratt	17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	24	both	Keali'i Bio	Linda Pratt	17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	25	both	Keali'i Bio	Linda Pratt	17-May-01	267829	2151333	UTM Zone 5 NAD 83	1029	3376
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	26	both	Keali'i Bio	Linda Pratt	17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	27	both	Keali'i Bio	Linda Pratt	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	28	both	Keali'i Bio	Robert Yamanoha	21-May-01	263792	2149317	UTM Zone 5 NAD 83	1182	3878
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	29	both	Keali'i Bio	Robert Yamanoha	21-May-01	262687	2150443	UTM Zone 5 NAD 83	1219	3999
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	30	both	Keali'i Bio	Linda Pratt	18-May-01	261165	2150609	UTM Zone 5 NAD 83	1226	4022
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	31	both	Keali'i Bio	Linda Pratt	18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	32	both	Keali'i Bio	Linda Pratt	18-May-01	258337	2149127	UTM Zone 5 NAD 83	1185	3888
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	33	both	Keali'i Bio	Linda Pratt	18-May-01	256886	2148424	UTM Zone 5 NAD 83	1127	3698
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	34	both	Keali'i Bio	Linda Pratt	18-May-01	255546	2147576	UTM Zone 5 NAD 83	1087	3566
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	35	both	Keali'i Bio	Linda Pratt	18-May-01	254327	2146502	UTM Zone 5 NAD 83	1046	3432
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	36	makai	Linda Pratt	Steve Dougill	18-May-01	253248	2145389	UTM Zone 5 NAD 83	1010	3314
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	37	both	Keali'i Bio	Robert Yamanoha	21-May-01	252204	2144180	UTM Zone 5 NAD 83	960	3150
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	38	both	Keali'i Bio	Robert Yamanoha	21-May-01	251039	2143084	UTM Zone 5 NAD 83	919	3015
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	39	both	Keali'i Bio	Robert Yamanoha	21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	40	both	Keali'i Bio	Robert Yamanoha	21-May-01	248932	2140652	UTM Zone 5 NAD 83	847	2779
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	41	both	Keali'i Bio	Robert Yamanoha	21-May-01	248047	2139309	UTM Zone 5 NAD 83	803	2635
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	42	both	Keali'i Bio	Robert Yamanoha	30-May-01	247211	2137934	UTM Zone 5 NAD 83	754	2474
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	43	both	Keali'i Bio	Robert Yamanoha	30-May-01	246380	2136565	UTM Zone 5 NAD 83	726	2382
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	44	both	Keali'i Bio	Robert Yamanoha	30-May-01	245606	2135157	UTM Zone 5 NAD 83	682	2238
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	45	both	Keali'i Bio	Robert Yamanoha	30-May-01	244911	2133713	UTM Zone 5 NAD 83	628	2060
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	46	both	Keali'i Bio	Robert Yamanoha	30-May-01	244057	2132365	UTM Zone 5 NAD 83	586	1923
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	47	makai	Robert Yamanoha		04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	48	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	242779	2129420	UTM Zone 5 NAD 83	483	1585
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	49	makai	Robert Yamanoha		04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	68	right	Keali'i Bio		03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	70	both	Keali'i Bio	Laura Nelson	03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	71	both	Keali'i Bio	Laura Nelson	03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	72	both	Keali'i Bio	Laura Nelson	03-Apr-02	215850	2109628	UTM Zone 5 NAD 83	602	1975
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	73	right	Keali'i Bio		02-Apr-02	214329	2110073	UTM Zone 5 NAD 83	597	1959
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	74	left	Laura Nelson		02-Apr-02	213016	2110579	UTM Zone 5 NAD 83	596	1955
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	78	right	Keali'i Bio		02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Andropogon virginicus**	AndVir			HAVO	Highway 11	Highway 11	80	mauka	Keali'i Bio		20-Mar-02	204197	2114294	UTM Zone 5 NAD 83	583	1913
Andropogon virginicus**	AndVir			HAVO	Hilina Pali Rd	Hilina Pali Rd	0	both	Keali'i Bio	Linda Pratt	08-Aug-01	264928	2144119	UTM Zone 5 NAD 83	1034	3392
Andropogon virginicus**	AndVir			HAVO	Hilina Pali Rd	Hilina Pali Rd	1	both	Keali'i Bio	Linda Pratt	08-Aug-01	263904	2142819	UTM Zone 5 NAD 83	1013	3323
Andropogon virginicus**	AndVir			HAVO	Hilina Pali Rd	Hilina Pali Rd	2	both	Keali'i Bio	Linda Pratt	08-Aug-01	263132	2141554	UTM Zone 5 NAD 83	997	3271
Andropogon virginicus**	AndVir			HAVO	Hilina Pali Rd	Hilina Pali Rd	3	both	Keali'i Bio	Linda Pratt	08-Aug-01	261892	2140618	UTM Zone 5 NAD 83	981	3219
Andropogon virginicus**	AndVir			HAVO	Hilina Pali Rd	Hilina Pali Rd	4	both	Keali'i Bio	Linda Pratt	08-Aug-01	261042	2139784	UTM Zone 5 NAD 83	958	3143
Andropogon virginicus**	AndVir			HAVO	Hilina Pali Rd	Hilina Pali Rd	5	both	Keali'i Bio	Linda Pratt	08-Aug-01	260579	2138426	UTM Zone 5 NAD 83	888	2913
Andropogon virginicus**	AndVir			HAVO	Hilina Pali Rd	Hilina Pali Rd	6	both	Keali'i Bio	Linda Pratt	08-Aug-01	259221	2137810	UTM Zone 5 NAD 83	859	2818
Andropogon virginicus**	AndVir			HAVO	Hilina Pali Rd	Hilina Pali Rd	7	both	Keali'i Bio	Linda Pratt	08-Aug-01	258530	2136558	UTM Zone 5 NAD 83	799	2621
Andropogon virginicus**	AndVir			HAVO	Hilina Pali Rd	Hilina Pali Rd	8	left	Linda Pratt		08-Aug-01	257632	2135674	UTM Zone 5 NAD 83	733	2405
Andropogon virginicus**	AndVir			HAVO	Mauna Loa Rd	Mauna Loa Rd	0	both	Linda Pratt		20-Jun-01	260232	2150037	UTM Zone 5 NAD 83	1228	4029
Andropogon virginicus**	AndVir			HAVO	Mauna Loa Rd	Mauna Loa Rd	1	both	Linda Pratt		20-Jun-01	258888	2150444	UTM Zone 5 NAD 83	1211	3973

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Andropogon virginicus**	AndVir			HAVO	Mauna Loa Rd	Mauna Loa Rd	2	both	Linda Pratt		20-Jun-01	257651	2151066	UTM Zone 5 NAD 83	1223	4012
Andropogon virginicus**	AndVir			HAVO	Mauna Loa Rd	Mauna Loa Rd	3	both	Linda Pratt		20-Jun-01	256794	2151494	UTM Zone 5 NAD 83	1285	4216
Andropogon virginicus**	AndVir			HAVO	Mauna Loa Rd	Mauna Loa Rd	4	both	Linda Pratt		20-Jun-01	255333	2151589	UTM Zone 5 NAD 83	1356	4449
Andropogon virginicus**	AndVir			HAVO	Mauna Loa Rd	Mauna Loa Rd	5	both	Linda Pratt		20-Jun-01	254743	2152431	UTM Zone 5 NAD 83	1429	4688
Andropogon virginicus**	AndVir			HAVO	Mauna Loa Rd	Mauna Loa Rd	6	both	Linda Pratt		20-Jun-01	253984	2153448	UTM Zone 5 NAD 83	1500	4921
Andropogon virginicus**	AndVir			HAVO	Mauna Loa Rd	Mauna Loa Rd	7	both	Linda Pratt		20-Jun-01	253220	2154160	UTM Zone 5 NAD 83	1580	5184
Andropogon virginicus**	AndVir			HAVO	Mauna Loa Rd	Mauna Loa Rd	8	both	Linda Pratt		20-Jun-01	252221	2155114	UTM Zone 5 NAD 83	1686	5531
Andropogon virginicus**	AndVir			HAVO	Mauna Loa Rd	Mauna Loa Rd	9	both	Linda Pratt		20-Jun-01	250854	2155424	UTM Zone 5 NAD 83	1778	5833
Andropogon virginicus**	AndVir			HAVO	Mauna Loa Rd	Mauna Loa Rd	10	both	Linda Pratt		20-Jun-01	250386	2156103	UTM Zone 5 NAD 83	1883	6178
Andropogon virginicus**	AndVir			HAVO	Wright Rd	Wright Rd	1	right	Keali'i Bio		06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Andropogon virginicus**	AndVir			HAVO	Wright Rd	Wright Rd	2	right	Keali'i Bio		06-Oct-03	264381	2152867	UTM Zone 5 NAD 83	1161	3809
Andropogon virginicus**	AndVir			HAVO	Wright Rd	Wright Rd	3	right	Keali'i Bio		06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Anemone hupehensis var. j.	AneHupJap			East of HAVO	Stainback Highway	Stainback Highway	12	both	Keali'i Bio	Linda Pratt	24-Jan-05	268168	2165427	UTM Zone 5 NAD 83	954	3130
Anemone hupehensis var. j.	AneHupJap			East of HAVO	Stainback Highway	Stainback Highway	13	both	Keali'i Bio	Linda Pratt	24-Jan-05	266627	2165328	UTM Zone 5 NAD 83	1032	3386
Anemone hupehensis var. j.	AneHupJap			East of HAVO	Stainback Highway	Stainback Highway	14	both	Keali'i Bio	Linda Pratt	24-Jan-05	265311	2164578	UTM Zone 5 NAD 83	1130	3707
Anemone hupehensis var. j.	AneHupJap			East of HAVO	Stainback Highway	Stainback Highway	15	both	Keali'i Bio	Linda Pratt	24-Jan-05	263807	2164694	UTM Zone 5 NAD 83	1213	3980
Anemone hupehensis var. j.	AneHupJap			East of HAVO	Stainback Highway	Stainback Highway	16	both	Keali'i Bio	Linda Pratt	24-Jan-05	262244	2164420	UTM Zone 5 NAD 83	1328	4357
Anemone hupehensis var. j.	AneHupJap			East of HAVO	Stainback Highway	Stainback Highway	17	both	Keali'i Bio	Linda Pratt	24-Jan-05	260706	2164215	UTM Zone 5 NAD 83	1434	4705
Anemone hupehensis var. j.	AneHupJap			HAVO	Chain of Craters Rd	Chain of Craters Rd	0	both	Keali'i Bio	Linda Pratt	31-May-01	263393	2147218	UTM Zone 5 NAD 83	1135	3724
Anemone hupehensis var. j.	AneHupJap			HAVO	Chain of Craters Rd	Chain of Craters Rd	1	both	Keali'i Bio	Linda Pratt	31-May-01	263783	2145709	UTM Zone 5 NAD 83	1107	3632
Anemone hupehensis var. j.	AneHupJap			HAVO	Chain of Craters Rd	Chain of Craters Rd	3	both	Keali'i Bio	Linda Pratt	31-May-01	265912	2143452	UTM Zone 5 NAD 83	1002	3287
Anemone hupehensis var. j.	AneHupJap			HAVO	Chain of Craters Rd	Chain of Craters Rd	4	left (even mile	Linda Pratt	Robert Yamanoha	31-May-01	266449	2142261	UTM Zone 5 NAD 83	975	3199
Anemone hupehensis var. j.	AneHupJap			HAVO	Crater Rim Rd	Crater Rim Rd	0	left	Linda Pratt		23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Anemone hupehensis var. j.	AneHupJap			HAVO	Crater Rim Rd	Crater Rim Rd	7	both	Linda Pratt	Keali'i Bio	23-Jul-01	262735	2147218	UTM Zone 5 NAD 83	1146	3760
Anemone hupehensis var. j.	AneHupJap			HAVO	Crater Rim Rd	Crater Rim Rd	8	both	Linda Pratt	Keali'i Bio	23-Jul-01	264190	2147608	UTM Zone 5 NAD 83	1153	3783
Anemone hupehensis var. j.	AneHupJap			HAVO	Wright Rd	Wright Rd	3	both	Keali'i Bio	Linda Pratt	06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Anemone hupehensis var. j.	AneHupJap			HAVO	Wright Rd	Wright Rd	4	both	Keali'i Bio	Linda Pratt	06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Anemone hupehensis var. j.	AneHupJap			Residential	Mauna Loa Estates	4th			Keali'i Bio	Linda Pratt	12-Aug-03	267267	2150381	UTM Zone 5 NAD 83	1074	3524
Anemone hupehensis var. j.	AneHupJap			Residential	Mauna Loa Estates	5th			Keali'i Bio	Linda Pratt	12-Aug-03	266327	2149568	UTM Zone 5 NAD 83	1120	3675
Anemone hupehensis var. j.	AneHupJap			Residential	Mauna Loa Estates	6th			Keali'i Bio	Linda Pratt	12-Aug-03	267422	2150179	UTM Zone 5 NAD 83	1063	3488
Anemone hupehensis var. j.	AneHupJap			Residential	Mauna Loa Estates	7th			Keali'i Bio	Linda Pratt	12-Aug-03	266470	2149349	UTM Zone 5 NAD 83	1121	3678
Anemone hupehensis var. j.	AneHupJap			Residential	Mauna Loa Estates	Jade			Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Anemone hupehensis var. j.	AneHupJap			Residential	Mauna Loa Estates	Pearl			Keali'i Bio	Linda Pratt	05-Aug-03	267039	2149092	UTM Zone 5 NAD 83	1108	3635
Anemone hupehensis var. j.	AneHupJap			Residential	Mauna Loa Estates	Ruby			Keali'i Bio	Linda Pratt	05-Aug-03	266531	2150362	UTM Zone 5 NAD 83	1101	3612
Anemone hupehensis var. j.	AneHupJap			Residential	Volcano Village	Road E			Keali'i Bio	Linda Pratt	05-Aug-03	265470	2152152	UTM Zone 5 NAD 83	1129	3704
Angiopteris evecta	AngEve			East of HAVO	Highway 130	Highway 130	18	right	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Angiopteris evecta	AngEve			East of HAVO	Stainback Highway	Stainback Highway	9	left	Keali'i Bio		04-Apr-05	272678	2166769	UTM Zone 5 NAD 83	694	2277
Archontophoenix alexandra	ArcAle			East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Archontophoenix alexandra	ArcAle			East of HAVO	Highway 130	Highway 130	12	right	Keali'i Bio		19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Archontophoenix alexandra	ArcAle			East of HAVO	Highway 130	Highway 130	14	right	Keali'i Bio		19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Ardisia crenata	ArdCre			HAVO	Highway 11	Highway 11	68	both	Keali'i Bio	Laura Nelson	03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Ardisia crenata	ArdCre			Residential	Mauna Loa Estates	5th			Keali'i Bio	Linda Pratt	12-Aug-03	266327	2149568	UTM Zone 5 NAD 83	1120	3675
Ardisia crenata	ArdCre			Residential	Volcano Village	l'wi Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264207	2150551	UTM Zone 5 NAD 83	1180	3871
Arthrostemum ciliatum	ArtCil			East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Arthrostemum ciliatum	ArtCil			East of HAVO	Highway 130	Highway 130	15	both	Keali'i Bio	Linda Pratt	19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Arthrostemum ciliatum	ArtCil			East of HAVO	Highway 130	Highway 130	16	right	Keali'i Bio		19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Arundina graminifolia	AruGra			East of HAVO	Highway 130	Highway 130	11	right	Keali'i Bio		19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Arundina graminifolia	AruGra			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Arundina graminifolia	AruGra			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Arundina graminifolia	AruGra			East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Arundina graminifolia	AruGra			East of HAVO	Highway 130	Highway 130	15	both	Keali'i Bio	Linda Pratt	19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033

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Arundina graminifolia	AruGra			East of HAVO	Highway 130	Highway 130	16	both	Keali'i Bio	Linda Pratt	19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Arundina graminifolia	AruGra			East of HAVO	Highway 130	Highway 130	17	both	Keali'i Bio		19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Arundina graminifolia	AruGra			East of HAVO	Highway 130	Highway 130	18	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Arundina graminifolia	AruGra			East of HAVO	Highway 130	Highway 130	19	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Arundina graminifolia	AruGra			East of HAVO	Highway 130	Highway 130	20	both	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Arundina graminifolia	AruGra			East of HAVO	Stainback Highway	Stainback Highway	9	both	Keali'i Bio	Linda Pratt	24-Jan-05	272678	2166769	UTM Zone 5 NAD 83	694	2277
Arundina graminifolia	AruGra			East of HAVO	Stainback Highway	Stainback Highway	10	both	Keali'i Bio	Linda Pratt	24-Jan-05	271239	2166177	UTM Zone 5 NAD 83	793	2602
Arundina graminifolia	AruGra			East of HAVO	Stainback Highway	Stainback Highway	11	both	Keali'i Bio	Linda Pratt	24-Jan-05	269708	2165751	UTM Zone 5 NAD 83	882	2894
Arundina graminifolia	AruGra			East of HAVO	Stainback Highway	Stainback Highway	12	both	Keali'i Bio	Linda Pratt	24-Jan-05	268168	2165427	UTM Zone 5 NAD 83	954	3130
Arundina graminifolia	AruGra			East of HAVO	Stainback Highway	Stainback Highway	13	both	Keali'i Bio	Linda Pratt	24-Jan-05	266627	2165328	UTM Zone 5 NAD 83	1032	3386
Arundina graminifolia	AruGra			East of HAVO	Stainback Highway	Stainback Highway	14	both	Keali'i Bio	Linda Pratt	24-Jan-05	265311	2164578	UTM Zone 5 NAD 83	1130	3707
Arundina graminifolia	AruGra			East of HAVO	Stainback Highway	Stainback Highway	15	both	Keali'i Bio	Linda Pratt	24-Jan-05	263807	2164694	UTM Zone 5 NAD 83	1213	3980
Arundina graminifolia	AruGra			East of HAVO	Stainback Highway	Stainback Highway	16	both	Keali'i Bio	Linda Pratt	24-Jan-05	262244	2164420	UTM Zone 5 NAD 83	1328	4357
Arundina graminifolia	AruGra			East of HAVO	Stainback Highway	Stainback Highway	17	both	Keali'i Bio	Linda Pratt	24-Jan-05	260706	2164215	UTM Zone 5 NAD 83	1434	4705
Arundina graminifolia	AruGra			East of HAVO	Stainback Highway	Stainback Highway	18	both	Keali'i Bio	Linda Pratt	24-Jan-05	259274	2163747	UTM Zone 5 NAD 83	1528	5013
Arundina graminifolia	AruGra			HAVO	Chain of Craters Rd	Chain of Craters Rd	0	both	Keali'i Bio	Linda Pratt	31-May-01	263393	2147218	UTM Zone 5 NAD 83	1135	3724
Arundina graminifolia	AruGra			HAVO	Chain of Craters Rd	Chain of Craters Rd	1	both	Keali'i Bio	Linda Pratt	31-May-01	263783	2145709	UTM Zone 5 NAD 83	1107	3632
Arundina graminifolia	AruGra			HAVO	Chain of Craters Rd	Chain of Craters Rd	2	both	Keali'i Bio	Linda Pratt	31-May-01	264754	2144382	UTM Zone 5 NAD 83	1045	3428
Arundina graminifolia	AruGra			HAVO	Chain of Craters Rd	Chain of Craters Rd	3	both	Keali'i Bio	Linda Pratt	31-May-01	265912	2143452	UTM Zone 5 NAD 83	1002	3287
Arundina graminifolia	AruGra			HAVO	Chain of Craters Rd	Chain of Craters Rd	4	both	Keali'i Bio	Linda Pratt	31-May-01	266449	2142261	UTM Zone 5 NAD 83	975	3199
Arundina graminifolia	AruGra			HAVO	Chain of Craters Rd	Chain of Craters Rd	5	both	Keali'i Bio	Linda Pratt	31-May-01	266926	2140904	UTM Zone 5 NAD 83	908	2979
Arundina graminifolia	AruGra			HAVO	Chain of Craters Rd	Chain of Craters Rd	6	left (even mile)	Linda Pratt	Robert Yamanoha	31-May-01	268022	2139839	UTM Zone 5 NAD 83	843	2766
Arundina graminifolia	AruGra			HAVO	Chain of Craters Rd	Chain of Craters Rd	7	both	Keali'i Bio	Linda Pratt	31-May-01	269208	2138981	UTM Zone 5 NAD 83	770	2526
Arundina graminifolia	AruGra			HAVO	Chain of Craters Rd	Chain of Craters Rd	8	both	Keali'i Bio	Linda Pratt	31-May-01	270524	2138448	UTM Zone 5 NAD 83	730	2395
Arundina graminifolia	AruGra			HAVO	Crater Rim Rd	Crater Rim Rd	0	both	Linda Pratt	Keali'i Bio	23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Arundina graminifolia	AruGra			HAVO	Crater Rim Rd	Crater Rim Rd	1	both	Linda Pratt	Keali'i Bio	23-Jul-01	261717	2150216	UTM Zone 5 NAD 83	1210	3970
Arundina graminifolia	AruGra			HAVO	Crater Rim Rd	Crater Rim Rd	2	both	Linda Pratt	Keali'i Bio	23-Jul-01	260209	2149821	UTM Zone 5 NAD 83	1228	4029
Arundina graminifolia	AruGra			HAVO	Crater Rim Rd	Crater Rim Rd	3	both	Linda Pratt	Keali'i Bio	23-Jul-01	259205	2148667	UTM Zone 5 NAD 83	1214	3983
Arundina graminifolia	AruGra			HAVO	Crater Rim Rd	Crater Rim Rd	7	both	Linda Pratt	Keali'i Bio	23-Jul-01	262735	2147218	UTM Zone 5 NAD 83	1146	3760
Arundina graminifolia	AruGra			HAVO	Crater Rim Rd	Crater Rim Rd	8	both	Linda Pratt	Keali'i Bio	23-Jul-01	264190	2147608	UTM Zone 5 NAD 83	1153	3783
Arundina graminifolia	AruGra			HAVO	Crater Rim Rd	Crater Rim Rd	9	both	Linda Pratt	Keali'i Bio	23-Jul-01	264678	2148282	UTM Zone 5 NAD 83	1194	3917
Arundina graminifolia	AruGra			HAVO	Crater Rim Rd	Crater Rim Rd	10	right	Linda Pratt		23-Jul-01	263738	2149287	UTM Zone 5 NAD 83	1181	3875
Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	23	both	Keali'i Bio	Linda Pratt	17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	24	both	Keali'i Bio	Linda Pratt	17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	25	both	Keali'i Bio	Linda Pratt	17-May-01	267829	2151333	UTM Zone 5 NAD 83	1029	3376
Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	26	both	Keali'i Bio	Linda Pratt	17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	27	both	Keali'i Bio	Linda Pratt	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	28	both	Keali'i Bio	Robert Yamanoha	21-May-01	263792	2149317	UTM Zone 5 NAD 83	1182	3878
Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	29	both	Keali'i Bio	Robert Yamanoha	21-May-01	262687	2150443	UTM Zone 5 NAD 83	1219	3999
Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	30	both	Keali'i Bio	Linda Pratt	18-May-01	261165	2150609	UTM Zone 5 NAD 83	1226	4022
Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	31	both	Keali'i Bio	Linda Pratt	18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009
Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	32	both	Keali'i Bio	Linda Pratt	18-May-01	258337	2149127	UTM Zone 5 NAD 83	1185	3888
Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	33	makai	Linda Pratt	Steve Dougill	18-May-01	256886	2148424	UTM Zone 5 NAD 83	1127	3698
Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	39	both	Keali'i Bio	Robert Yamanoha	21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	40	mauka	Keali'i Bio		21-May-01	248932	2140652	UTM Zone 5 NAD 83	847	2779
Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	41	mauka	Keali'i Bio		21-May-01	248047	2139309	UTM Zone 5 NAD 83	803	2635
Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	42	both	Keali'i Bio	Robert Yamanoha	30-May-01	247211	2137934	UTM Zone 5 NAD 83	754	2474
Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	43	both	Keali'i Bio	Robert Yamanoha	30-May-01	246380	2136565	UTM Zone 5 NAD 83	726	2382
Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	44	mauka	Keali'i Bio		30-May-01	245606	2135157	UTM Zone 5 NAD 83	682	2238
Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	45	mauka	Keali'i Bio		30-May-01	244911	2133713	UTM Zone 5 NAD 83	628	2060
Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	47	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699

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Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	48	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	242779	2129420	UTM Zone 5 NAD 83	483	1585
Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	67	makai	Keali'i Bio		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	68	both	Keali'i Bio	Laura Nelson	03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	70	both	Keali'i Bio	Laura Nelson	03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	71	right	Keali'i Bio		03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047
Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	72	right	Keali'i Bio		03-Apr-02	215850	2109628	UTM Zone 5 NAD 83	602	1975
Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	78	right	Keali'i Bio		02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	79	makai	Laura Nelson		20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
Arundina graminifolia	AruGra			HAVO	Highway 11	Highway 11	80	both	Keali'i Bio	Laura Nelson	20-Mar-02	204197	2114294	UTM Zone 5 NAD 83	583	1913
Arundina graminifolia	AruGra			HAVO	Hilina Pali Rd	Hilina Pali Rd	0	left	Linda Pratt		08-Aug-01	264928	2144119	UTM Zone 5 NAD 83	1034	3392
Arundina graminifolia	AruGra			HAVO	Hilina Pali Rd	Hilina Pali Rd	1	both	Keali'i Bio	Linda Pratt	08-Aug-01	263904	2142819	UTM Zone 5 NAD 83	1013	3323
Arundina graminifolia	AruGra			HAVO	Hilina Pali Rd	Hilina Pali Rd	2	both	Keali'i Bio	Linda Pratt	08-Aug-01	263132	2141554	UTM Zone 5 NAD 83	997	3271
Arundina graminifolia	AruGra			HAVO	Hilina Pali Rd	Hilina Pali Rd	3	left	Linda Pratt		08-Aug-01	261892	2140618	UTM Zone 5 NAD 83	981	3219
Arundina graminifolia	AruGra			HAVO	Hilina Pali Rd	Hilina Pali Rd	4	left	Linda Pratt		08-Aug-01	261042	2139784	UTM Zone 5 NAD 83	958	3143
Arundina graminifolia	AruGra			HAVO	Hilina Pali Rd	Hilina Pali Rd	7	left	Linda Pratt		08-Aug-01	258530	2136558	UTM Zone 5 NAD 83	799	2621
Arundina graminifolia	AruGra			HAVO	Mauna Loa Rd	Mauna Loa Rd	0	both	Linda Pratt		20-Jun-01	260232	2150037	UTM Zone 5 NAD 83	1228	4029
Arundina graminifolia	AruGra			HAVO	Wright Rd	Wright Rd	0	right	Keali'i Bio		06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Arundina graminifolia	AruGra			HAVO	Wright Rd	Wright Rd	1	both	Keali'i Bio	Linda Pratt	06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Arundina graminifolia	AruGra			HAVO	Wright Rd	Wright Rd	2	both	Keali'i Bio	Linda Pratt	06-Oct-03	264381	2152867	UTM Zone 5 NAD 83	1161	3809
Arundina graminifolia	AruGra			HAVO	Wright Rd	Wright Rd	3	both	Keali'i Bio	Linda Pratt	06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Arundina graminifolia	AruGra			HAVO	Wright Rd	Wright Rd	4	left	Linda Pratt		06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Asclepias curassavicum	AscCur			East of HAVO	Highway 130	Highway 130	14	right	Keali'i Bio		19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Asclepias curassavicum	AscCur			East of HAVO	Highway 130	Highway 130	17	right	Keali'i Bio		19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Asclepias physocarpa	AscPhy			HAVO	Highway 11	Highway 11	41	mauka	Keali'i Bio		21-May-01	248047	2139309	UTM Zone 5 NAD 83	803	2635
Asclepias physocarpa	AscPhy			HAVO	Highway 11	Highway 11	44	mauka	Keali'i Bio		30-May-01	245606	2135157	UTM Zone 5 NAD 83	682	2238
Asclepias physocarpa	AscPhy			HAVO	Highway 11	Highway 11	45	both	Keali'i Bio	Robert Yamanoha	30-May-01	244911	2133713	UTM Zone 5 NAD 83	628	2060
Asclepias physocarpa	AscPhy			HAVO	Highway 11	Highway 11	46	both	Keali'i Bio	Robert Yamanoha	30-May-01	244057	2132365	UTM Zone 5 NAD 83	586	1923
Asclepias physocarpa	AscPhy			HAVO	Highway 11	Highway 11	47	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699
Asclepias physocarpa	AscPhy			HAVO	Highway 11	Highway 11	49	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Asclepias physocarpa	AscPhy			HAVO	Highway 11	Highway 11	65	makai	Keali'i Bio		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Asclepias physocarpa	AscPhy			HAVO	Highway 11	Highway 11	66	both	Keali'i Bio	Laura Nelson	16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Asclepias physocarpa	AscPhy			HAVO	Highway 11	Highway 11	67	mauka	Laura Nelson		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Asclepias physocarpa	AscPhy			HAVO	Highway 11	Highway 11	68	both	Keali'i Bio	Laura Nelson	03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Asclepias physocarpa	AscPhy			HAVO	Highway 11	Highway 11	69	both	Keali'i Bio	Laura Nelson	03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Asclepias physocarpa	AscPhy			HAVO	Highway 11	Highway 11	70	both	Keali'i Bio	Laura Nelson	03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Asclepias physocarpa	AscPhy			HAVO	Highway 11	Highway 11	71	both	Keali'i Bio	Laura Nelson	03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047
Asclepias physocarpa	AscPhy			HAVO	Highway 11	Highway 11	72	right	Keali'i Bio		03-Apr-02	215850	2109628	UTM Zone 5 NAD 83	602	1975
Asclepias physocarpa	AscPhy			HAVO	Highway 11	Highway 11	73	both	Keali'i Bio	Laura Nelson	02-Apr-02	214329	2110073	UTM Zone 5 NAD 83	597	1959
Asclepias physocarpa	AscPhy			HAVO	Highway 11	Highway 11	75	both	Keali'i Bio	Laura Nelson	02-Apr-02	211522	2111153	UTM Zone 5 NAD 83	596	1955
Asclepias physocarpa	AscPhy			HAVO	Highway 11	Highway 11	76	both	Keali'i Bio	Laura Nelson	02-Apr-02	210081	2111710	UTM Zone 5 NAD 83	594	1949
Asclepias physocarpa	AscPhy			HAVO	Highway 11	Highway 11	77	both	Keali'i Bio	Laura Nelson	02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Asclepias physocarpa	AscPhy			HAVO	Highway 11	Highway 11	78	both	Keali'i Bio	Laura Nelson	02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Asclepias physocarpa	AscPhy			HAVO	Highway 11	Highway 11	79	both	Keali'i Bio	Laura Nelson	20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
Asclepias physocarpa	AscPhy			HAVO	Highway 11	Highway 11	80	mauka	Keali'i Bio		20-Mar-02	204197	2114294	UTM Zone 5 NAD 83	583	1913
Asclepias physocarpa	AscPhy			HAVO	Highway 11	Highway 11	81	both	Keali'i Bio	Laura Nelson	20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Asclepias physocarpa	AscPhy			HAVO	Hilina Pali Rd	Hilina Pali Rd	6	left	Linda Pratt		08-Aug-01	259221	2137810	UTM Zone 5 NAD 83	859	2818
Asclepias physocarpa	AscPhy			HAVO	Hilina Pali Rd	Hilina Pali Rd	8	both	Keali'i Bio	Linda Pratt	08-Aug-01	257632	2135674	UTM Zone 5 NAD 83	733	2405
Axonopus compressus	AxoCom	Y		East of HAVO	Highway 130	Highway 130	11	right	Keali'i Bio		19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Axonopus compressus	AxoCom	Y		East of HAVO	Highway 130	Highway 130	12	right	Keali'i Bio		19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Axonopus compressus	AxoCom	Y		East of HAVO	Highway 130	Highway 130	13	left	Linda Pratt		19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Axonopus compressus	AxoCom	Y		East of HAVO	Highway 130	Highway 130	16	left	Linda Pratt		19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879

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Axonopus compressus	AxoCom	Y		East of HAVO	Highway 130	Highway 130	18	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Axonopus compressus	AxoCom	Y		East of HAVO	Highway 130	Highway 130	19	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Axonopus compressus	AxoCom	Y		East of HAVO	Highway 130	Highway 130	20	right	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Axonopus compressus	AxoCom	Y		HAVO	Crater Rim Rd	Crater Rim Rd	7	left	Keali'i Bio		23-Jul-01	262735	2147218	UTM Zone 5 NAD 83	1146	3760
Axonopus compressus	AxoCom	Y		HAVO	Highway 11	Highway 11	65	makai	Keali'i Bio		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Axonopus compressus	AxoCom	Y		HAVO	Highway 11	Highway 11	66	makai	Keali'i Bio		16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Axonopus compressus	AxoCom	Y		HAVO	Highway 11	Highway 11	67	makai	Keali'i Bio		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Axonopus fissifolius	AxoFis			East of HAVO	Highway 130	Highway 130	11	right	Keali'i Bio		19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Axonopus fissifolius	AxoFis			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Axonopus fissifolius	AxoFis			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Axonopus fissifolius	AxoFis			East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Axonopus fissifolius	AxoFis			East of HAVO	Highway 130	Highway 130	15	right	Keali'i Bio		19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Axonopus fissifolius	AxoFis			East of HAVO	Highway 130	Highway 130	16	both	Keali'i Bio	Linda Pratt	19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Axonopus fissifolius	AxoFis			East of HAVO	Highway 130	Highway 130	17	both	Keali'i Bio	Linda Pratt	19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Axonopus fissifolius	AxoFis			East of HAVO	Highway 130	Highway 130	18	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Axonopus fissifolius	AxoFis			East of HAVO	Highway 130	Highway 130	19	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Axonopus fissifolius	AxoFis			East of HAVO	Highway 130	Highway 130	20	both	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Axonopus fissifolius	AxoFis			East of HAVO	Stainback Highway	Stainback Highway	9	both	Keali'i Bio	Linda Pratt	24-Jan-05	272678	2166769	UTM Zone 5 NAD 83	694	2277
Axonopus fissifolius	AxoFis			East of HAVO	Stainback Highway	Stainback Highway	10	both	Keali'i Bio	Linda Pratt	24-Jan-05	271239	2166177	UTM Zone 5 NAD 83	793	2602
Axonopus fissifolius	AxoFis			East of HAVO	Stainback Highway	Stainback Highway	11	both	Keali'i Bio	Linda Pratt	24-Jan-05	269708	2165751	UTM Zone 5 NAD 83	882	2894
Axonopus fissifolius	AxoFis			East of HAVO	Stainback Highway	Stainback Highway	12	both	Keali'i Bio	Linda Pratt	24-Jan-05	268168	2165427	UTM Zone 5 NAD 83	954	3130
Axonopus fissifolius	AxoFis			East of HAVO	Stainback Highway	Stainback Highway	13	left	Linda Pratt		24-Jan-05	266627	2165328	UTM Zone 5 NAD 83	1032	3386
Axonopus fissifolius	AxoFis			East of HAVO	Stainback Highway	Stainback Highway	14	both	Keali'i Bio	Linda Pratt	24-Jan-05	265311	2164578	UTM Zone 5 NAD 83	1130	3707
Axonopus fissifolius	AxoFis			East of HAVO	Stainback Highway	Stainback Highway	15	both	Keali'i Bio	Linda Pratt	24-Jan-05	263807	2164694	UTM Zone 5 NAD 83	1213	3980
Axonopus fissifolius	AxoFis			East of HAVO	Stainback Highway	Stainback Highway	16	both	Keali'i Bio	Linda Pratt	24-Jan-05	262244	2164420	UTM Zone 5 NAD 83	1328	4357
Axonopus fissifolius	AxoFis			East of HAVO	Stainback Highway	Stainback Highway	17	both	Keali'i Bio	Linda Pratt	24-Jan-05	260706	2164215	UTM Zone 5 NAD 83	1434	4705
Axonopus fissifolius	AxoFis			East of HAVO	Stainback Highway	Stainback Highway	18	right	Keali'i Bio		24-Jan-05	259274	2163747	UTM Zone 5 NAD 83	1528	5013
Axonopus fissifolius	AxoFis			HAVO	Chain of Craters Rd	Chain of Craters Rd	0	both	Keali'i Bio	Linda Pratt	31-May-01	263393	2147218	UTM Zone 5 NAD 83	1135	3724
Axonopus fissifolius	AxoFis			HAVO	Chain of Craters Rd	Chain of Craters Rd	1	both	Keali'i Bio	Linda Pratt	31-May-01	263783	2145709	UTM Zone 5 NAD 83	1107	3632
Axonopus fissifolius	AxoFis			HAVO	Chain of Craters Rd	Chain of Craters Rd	2	both	Keali'i Bio	Linda Pratt	31-May-01	264754	2144382	UTM Zone 5 NAD 83	1045	3428
Axonopus fissifolius	AxoFis			HAVO	Chain of Craters Rd	Chain of Craters Rd	3	both	Keali'i Bio	Linda Pratt	31-May-01	265912	2143452	UTM Zone 5 NAD 83	1002	3287
Axonopus fissifolius	AxoFis			HAVO	Chain of Craters Rd	Chain of Craters Rd	4	both	Keali'i Bio	Linda Pratt	31-May-01	266449	2142261	UTM Zone 5 NAD 83	975	3199
Axonopus fissifolius	AxoFis			HAVO	Chain of Craters Rd	Chain of Craters Rd	6	right (odd mile	Keali'i Bio		31-May-01	268022	2139839	UTM Zone 5 NAD 83	843	2766
Axonopus fissifolius	AxoFis			HAVO	Chain of Craters Rd	Chain of Craters Rd	7	both	Keali'i Bio	Linda Pratt	31-May-01	269208	2138981	UTM Zone 5 NAD 83	770	2526
Axonopus fissifolius	AxoFis			HAVO	Chain of Craters Rd	Chain of Craters Rd	8	right (odd mile	Keali'i Bio		31-May-01	270524	2138448	UTM Zone 5 NAD 83	730	2395
Axonopus fissifolius	AxoFis			HAVO	Chain of Craters Rd	Chain of Craters Rd	9	both	Keali'i Bio	Linda Pratt	31-May-01	271712	2137525	UTM Zone 5 NAD 83	641	2103
Axonopus fissifolius	AxoFis			HAVO	Chain of Craters Rd	Chain of Craters Rd	10	both	Keali'i Bio	Linda Pratt	06-Jun-01	273179	2137236	UTM Zone 5 NAD 83	586	1923
Axonopus fissifolius	AxoFis			HAVO	Chain of Craters Rd	Chain of Craters Rd	11	both	Keali'i Bio	Linda Pratt	06-Jun-01	274716	2136863	UTM Zone 5 NAD 83	487	1598
Axonopus fissifolius	AxoFis			HAVO	Chain of Craters Rd	Chain of Craters Rd	12	both	Keali'i Bio	Linda Pratt	06-Jun-01	276347	2137027	UTM Zone 5 NAD 83	389	1276
Axonopus fissifolius	AxoFis			HAVO	Chain of Craters Rd	Chain of Craters Rd	13	left (even)	Linda Pratt		06-Jun-01	275080	2136341	UTM Zone 5 NAD 83	281	922
Axonopus fissifolius	AxoFis			HAVO	Chain of Craters Rd	Chain of Craters Rd	14	both	Keali'i Bio	Linda Pratt	06-Jun-01	273674	2135766	UTM Zone 5 NAD 83	195	640
Axonopus fissifolius	AxoFis			HAVO	Chain of Craters Rd	Chain of Craters Rd	15	right (odd)	Keali'i Bio		06-Jun-01	274404	2134602	UTM Zone 5 NAD 83	109	358
Axonopus fissifolius	AxoFis			HAVO	Chain of Craters Rd	Chain of Craters Rd	16	both	Keali'i Bio	Linda Pratt	06-Jun-01	275968	2134281	UTM Zone 5 NAD 83	46	151
Axonopus fissifolius	AxoFis			HAVO	Chain of Craters Rd	Chain of Craters Rd	17	both	Keali'i Bio	Linda Pratt	06-Jun-01	277363	2133480	UTM Zone 5 NAD 83	18	59
Axonopus fissifolius	AxoFis			HAVO	Chain of Craters Rd	Chain of Craters Rd	18	both	Keali'i Bio	Linda Pratt	06-Jun-01	278716	2134304	UTM Zone 5 NAD 83	13	43
Axonopus fissifolius	AxoFis			HAVO	Chain of Craters Rd	Chain of Craters Rd	19	both	Keali'i Bio	Linda Pratt	06-Jun-01	280123	2135093	UTM Zone 5 NAD 83	14	46
Axonopus fissifolius	AxoFis			HAVO	Crater Rim Rd	Crater Rim Rd	0	both	Linda Pratt	Keali'i Bio	23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Axonopus fissifolius	AxoFis			HAVO	Crater Rim Rd	Crater Rim Rd	1	both	Linda Pratt	Keali'i Bio	23-Jul-01	261717	2150216	UTM Zone 5 NAD 83	1210	3970
Axonopus fissifolius	AxoFis			HAVO	Crater Rim Rd	Crater Rim Rd	2	both	Linda Pratt	Keali'i Bio	23-Jul-01	260209	2149821	UTM Zone 5 NAD 83	1228	4029
Axonopus fissifolius	AxoFis			HAVO	Crater Rim Rd	Crater Rim Rd	3	both	Linda Pratt	Keali'i Bio	23-Jul-01	259205	2148667	UTM Zone 5 NAD 83	1214	3983
Axonopus fissifolius	AxoFis			HAVO	Crater Rim Rd	Crater Rim Rd	4	both	Linda Pratt	Keali'i Bio	23-Jul-01	258880	2147374	UTM Zone 5 NAD 83	1148	3766

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Axonopus fissifolius	AxoFis			HAVO	Crater Rim Rd	Crater Rim Rd	5	both	Linda Pratt	Keali'i Bio	23-Jul-01	259825	2146599	UTM Zone 5 NAD 83	1119	3671
Axonopus fissifolius	AxoFis			HAVO	Crater Rim Rd	Crater Rim Rd	6	both	Linda Pratt	Keali'i Bio	23-Jul-01	261322	2146491	UTM Zone 5 NAD 83	1109	3638
Axonopus fissifolius	AxoFis			HAVO	Crater Rim Rd	Crater Rim Rd	7	both	Linda Pratt	Keali'i Bio	23-Jul-01	262735	2147218	UTM Zone 5 NAD 83	1146	3760
Axonopus fissifolius	AxoFis			HAVO	Crater Rim Rd	Crater Rim Rd	8	both	Linda Pratt	Keali'i Bio	23-Jul-01	264190	2147608	UTM Zone 5 NAD 83	1153	3783
Axonopus fissifolius	AxoFis			HAVO	Crater Rim Rd	Crater Rim Rd	9	both	Linda Pratt	Keali'i Bio	23-Jul-01	264678	2148282	UTM Zone 5 NAD 83	1194	3917
Axonopus fissifolius	AxoFis			HAVO	Crater Rim Rd	Crater Rim Rd	10	both	Linda Pratt	Keali'i Bio	23-Jul-01	263738	2149287	UTM Zone 5 NAD 83	1181	3875
Axonopus fissifolius	AxoFis			HAVO	Highway 11	Highway 11	23	both	Keali'i Bio	Linda Pratt	17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Axonopus fissifolius	AxoFis			HAVO	Highway 11	Highway 11	24	both	Keali'i Bio	Linda Pratt	17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Axonopus fissifolius	AxoFis			HAVO	Highway 11	Highway 11	25	both	Keali'i Bio	Linda Pratt	17-May-01	267829	2151333	UTM Zone 5 NAD 83	1029	3376
Axonopus fissifolius	AxoFis			HAVO	Highway 11	Highway 11	26	both	Keali'i Bio	Linda Pratt	17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Axonopus fissifolius	AxoFis			HAVO	Highway 11	Highway 11	27	both	Keali'i Bio	Linda Pratt	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Axonopus fissifolius	AxoFis			HAVO	Highway 11	Highway 11	28	both	Keali'i Bio	Robert Yamanoha	21-May-01	263792	2149317	UTM Zone 5 NAD 83	1182	3878
Axonopus fissifolius	AxoFis			HAVO	Highway 11	Highway 11	29	both	Keali'i Bio	Robert Yamanoha	21-May-01	262687	2150443	UTM Zone 5 NAD 83	1219	3999
Axonopus fissifolius	AxoFis			HAVO	Highway 11	Highway 11	30	both	Keali'i Bio	Linda Pratt	18-May-01	261165	2150609	UTM Zone 5 NAD 83	1226	4022
Axonopus fissifolius	AxoFis			HAVO	Highway 11	Highway 11	31	both	Keali'i Bio	Linda Pratt	18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009
Axonopus fissifolius	AxoFis			HAVO	Highway 11	Highway 11	37	makai	Steve Dougill	Robert Yamanoha	21-May-01	252204	2144180	UTM Zone 5 NAD 83	960	3150
Axonopus fissifolius	AxoFis			HAVO	Highway 11	Highway 11	38	makai	Steve Dougill	Robert Yamanoha	21-May-01	251039	2143084	UTM Zone 5 NAD 83	919	3015
Axonopus fissifolius	AxoFis			HAVO	Highway 11	Highway 11	41	mauka	Keali'i Bio		21-May-01	248047	2139309	UTM Zone 5 NAD 83	803	2635
Axonopus fissifolius	AxoFis			HAVO	Highway 11	Highway 11	42	makai	Robert Yamanoha		30-May-01	247211	2137934	UTM Zone 5 NAD 83	754	2474
Axonopus fissifolius	AxoFis			HAVO	Highway 11	Highway 11	43	makai	Robert Yamanoha		30-May-01	246380	2136565	UTM Zone 5 NAD 83	726	2382
Axonopus fissifolius	AxoFis			HAVO	Highway 11	Highway 11	49	makai	Robert Yamanoha		04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Axonopus fissifolius	AxoFis			HAVO	Highway 11	Highway 11	67	makai	Keali'i Bio		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Axonopus fissifolius	AxoFis			HAVO	Highway 11	Highway 11	70	right	Keali'i Bio		03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Axonopus fissifolius	AxoFis			HAVO	Hilina Pali Rd	Hilina Pali Rd	0	both	Keali'i Bio	Linda Pratt	08-Aug-01	264928	2144119	UTM Zone 5 NAD 83	1034	3392
Axonopus fissifolius	AxoFis			HAVO	Hilina Pali Rd	Hilina Pali Rd	1	both	Keali'i Bio	Linda Pratt	08-Aug-01	263904	2142819	UTM Zone 5 NAD 83	1013	3323
Axonopus fissifolius	AxoFis			HAVO	Hilina Pali Rd	Hilina Pali Rd	2	both	Keali'i Bio	Linda Pratt	08-Aug-01	263132	2141554	UTM Zone 5 NAD 83	997	3271
Axonopus fissifolius	AxoFis			HAVO	Hilina Pali Rd	Hilina Pali Rd	3	both	Keali'i Bio	Linda Pratt	08-Aug-01	261892	2140618	UTM Zone 5 NAD 83	981	3219
Axonopus fissifolius	AxoFis			HAVO	Hilina Pali Rd	Hilina Pali Rd	4	both	Keali'i Bio	Linda Pratt	08-Aug-01	261042	2139784	UTM Zone 5 NAD 83	958	3143
Axonopus fissifolius	AxoFis			HAVO	Hilina Pali Rd	Hilina Pali Rd	5	left	Linda Pratt		08-Aug-01	260579	2138426	UTM Zone 5 NAD 83	888	2913
Axonopus fissifolius	AxoFis			HAVO	Hilina Pali Rd	Hilina Pali Rd	6	both	Keali'i Bio	Linda Pratt	08-Aug-01	259221	2137810	UTM Zone 5 NAD 83	859	2818
Axonopus fissifolius	AxoFis			HAVO	Hilina Pali Rd	Hilina Pali Rd	7	left	Linda Pratt		08-Aug-01	258530	2136558	UTM Zone 5 NAD 83	799	2621
Axonopus fissifolius	AxoFis			HAVO	Hilina Pali Rd	Hilina Pali Rd	8	both	Keali'i Bio	Linda Pratt	08-Aug-01	257632	2135674	UTM Zone 5 NAD 83	733	2405
Axonopus fissifolius	AxoFis			HAVO	Mauna Loa Rd	Mauna Loa Rd	0	both	Linda Pratt		20-Jun-01	260232	2150037	UTM Zone 5 NAD 83	1228	4029
Axonopus fissifolius	AxoFis			HAVO	Mauna Loa Rd	Mauna Loa Rd	1	both	Linda Pratt		20-Jun-01	258888	2150444	UTM Zone 5 NAD 83	1211	3973
Axonopus fissifolius	AxoFis			HAVO	Mauna Loa Rd	Mauna Loa Rd	2	both	Linda Pratt		20-Jun-01	257651	2151066	UTM Zone 5 NAD 83	1223	4012
Axonopus fissifolius	AxoFis			HAVO	Mauna Loa Rd	Mauna Loa Rd	4	both	Linda Pratt		20-Jun-01	255333	2151589	UTM Zone 5 NAD 83	1356	4449
Axonopus fissifolius	AxoFis			HAVO	Mauna Loa Rd	Mauna Loa Rd	5	both	Linda Pratt		20-Jun-01	254743	2152431	UTM Zone 5 NAD 83	1429	4688
Axonopus fissifolius	AxoFis			HAVO	Mauna Loa Rd	Mauna Loa Rd	6	both	Linda Pratt		20-Jun-01	253984	2153448	UTM Zone 5 NAD 83	1500	4921
Axonopus fissifolius	AxoFis			HAVO	Mauna Loa Rd	Mauna Loa Rd	7	both	Linda Pratt		20-Jun-01	253220	2154160	UTM Zone 5 NAD 83	1580	5184
Axonopus fissifolius	AxoFis			HAVO	Mauna Loa Rd	Mauna Loa Rd	8	both	Linda Pratt		20-Jun-01	252221	2155114	UTM Zone 5 NAD 83	1686	5531
Axonopus fissifolius	AxoFis			HAVO	Mauna Loa Rd	Mauna Loa Rd	9	both	Linda Pratt		20-Jun-01	250854	2155424	UTM Zone 5 NAD 83	1778	5833
Axonopus fissifolius	AxoFis			HAVO	Mauna Loa Rd	Mauna Loa Rd	10	both	Linda Pratt		20-Jun-01	250386	2156103	UTM Zone 5 NAD 83	1883	6178
Axonopus fissifolius	AxoFis			HAVO	Wright Rd	Wright Rd	0	left	Linda Pratt		06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Axonopus fissifolius	AxoFis			HAVO	Wright Rd	Wright Rd	1	both	Keali'i Bio	Linda Pratt	06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Axonopus fissifolius	AxoFis			HAVO	Wright Rd	Wright Rd	2	both	Keali'i Bio	Linda Pratt	06-Oct-03	264381	2152867	UTM Zone 5 NAD 83	1161	3809
Axonopus fissifolius	AxoFis			HAVO	Wright Rd	Wright Rd	3	right	Keali'i Bio		06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Axonopus fissifolius	AxoFis			HAVO	Wright Rd	Wright Rd	4	both	Keali'i Bio	Linda Pratt	06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Bambusa spp.	BamSpp			East of HAVO	Highway 130	Highway 130	15	left	Linda Pratt		19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Bambusa spp.	BamSpp			East of HAVO	Highway 130	Highway 130	17	left	Linda Pratt		19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Bambusa spp.	BamSpp			HAVO	Highway 11	Highway 11	24	makai	Keali'i Bio		17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Bambusa spp.	BamSpp			HAVO	Highway 11	Highway 11	65	makai	Keali'i Bio		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958

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Bambusa spp.	BamSpp			HAVO	Highway 11	Highway 11	65	mauka	Laura Nelson		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Bambusa spp.	BamSpp			HAVO	Highway 11	Highway 11	67	makai	Keali'i Bio		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Bambusa spp.	BamSpp			HAVO	Highway 11	Highway 11	67	makai	Keali'i Bio		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Bambusa spp.	BamSpp			HAVO	Highway 11	Highway 11	68	left	Laura Nelson		03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Bambusa spp.	BamSpp			HAVO	Highway 11	Highway 11	69	left	Laura Nelson		03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Bambusa spp.	BamSpp			HAVO	Wright Rd	Wright Rd	0	left	Linda Pratt		06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Bambusa spp.	BamSpp			HAVO	Wright Rd	Wright Rd	3	right	Keali'i Bio		06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Bambusa spp.	BamSpp			HAVO	Wright Rd	Wright Rd	4	left	Linda Pratt		06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Bambusa vulgaris	BamVul			East of HAVO	Highway 130	Highway 130	11	right	Keali'i Bio		19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Bambusa vulgaris	BamVul			East of HAVO	Highway 130	Highway 130	15	right	Keali'i Bio		19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Bauhinia monandra	BauMon		Y	East of HAVO	Highway 130	Highway 130	18	right	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Bauhinia monandra	BauMon		Y	HAVO	Highway 11	Highway 11	65	mauka	Laura Nelson		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Bauhinia monandra	BauMon		Y	HAVO	Highway 11	Highway 11	81	mauka	Keali'i Bio		20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Bauhinia monandra	BauMon		Y	Residential	Volcano Village	Road D			Keali'i Bio	Linda Pratt	05-Aug-03	265712	2151426	UTM Zone 5 NAD 83	1125	3691
Begonia hirtella	BegHir			East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Begonia hirtella	BegHir			East of HAVO	Highway 130	Highway 130	12	right	Keali'i Bio		19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Begonia hirtella	BegHir			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Begonia hirtella	BegHir			East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Begonia hirtella	BegHir			East of HAVO	Highway 130	Highway 130	15	both	Keali'i Bio	Linda Pratt	19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Begonia hirtella	BegHir			East of HAVO	Highway 130	Highway 130	16	both	Keali'i Bio	Linda Pratt	19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Begonia hirtella	BegHir			East of HAVO	Highway 130	Highway 130	17	right	Keali'i Bio		19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Begonia hirtella	BegHir			East of HAVO	Highway 130	Highway 130	18	left	Chelsie Javar	Keali'i Bio	20-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Begonia hirtella	BegHir			East of HAVO	Highway 130	Highway 130	19	right	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Blechnum appendiculatum	BleApp			HAVO	Wright Rd	Wright Rd	0	right	Keali'i Bio		06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Bromus catharticus	BroCat			HAVO	Mauna Loa Rd	Mauna Loa Rd	1	both	Linda Pratt		20-Jun-01	258888	2150444	UTM Zone 5 NAD 83	1211	3973
Bromus catharticus	BroCat			HAVO	Mauna Loa Rd	Mauna Loa Rd	2	both	Linda Pratt		20-Jun-01	257651	2151066	UTM Zone 5 NAD 83	1223	4012
Bromus catharticus	BroCat			HAVO	Mauna Loa Rd	Mauna Loa Rd	3	both	Linda Pratt		20-Jun-01	256794	2151494	UTM Zone 5 NAD 83	1285	4216
Bromus diandrus	BroDia			HAVO	Mauna Loa Rd	Mauna Loa Rd	9	both	Linda Pratt		20-Jun-01	250854	2155424	UTM Zone 5 NAD 83	1778	5833
Bromus diandrus	BroDia			HAVO	Mauna Loa Rd	Mauna Loa Rd	10	both	Linda Pratt		20-Jun-01	250386	2156103	UTM Zone 5 NAD 83	1883	6178
Bryophyllum pinnatum	BryPin			East of HAVO	Highway 130	Highway 130	18	left	Chelsie Javar	Keali'i Bio	20-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Bryophyllum pinnatum	BryPin			HAVO	Chain of Craters Rd	Chain of Craters Rd	15	both	Keali'i Bio	Linda Pratt	06-Jun-01	274404	2134602	UTM Zone 5 NAD 83	109	358
Bryophyllum pinnatum	BryPin			HAVO	Highway 11	Highway 11	65	both	Keali'i Bio	Laura Nelson	16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Bryophyllum pinnatum	BryPin			HAVO	Highway 11	Highway 11	66	both	Keali'i Bio	Laura Nelson	16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Bryophyllum pinnatum	BryPin			HAVO	Highway 11	Highway 11	67	both	Keali'i Bio	Laura Nelson	16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Bryophyllum pinnatum	BryPin			HAVO	Highway 11	Highway 11	68	left	Laura Nelson		03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Bryophyllum pinnatum	BryPin			HAVO	Highway 11	Highway 11	69	left	Laura Nelson		03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Bryophyllum pinnatum	BryPin			HAVO	Highway 11	Highway 11	70	left	Laura Nelson		03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Bryophyllum pinnatum	BryPin			HAVO	Highway 11	Highway 11	73	left	Laura Nelson		02-Apr-02	214329	2110073	UTM Zone 5 NAD 83	597	1959
Bryophyllum pinnatum	BryPin			HAVO	Highway 11	Highway 11	74	both	Keali'i Bio	Laura Nelson	02-Apr-02	213016	2110579	UTM Zone 5 NAD 83	596	1955
Bryophyllum pinnatum	BryPin			HAVO	Highway 11	Highway 11	75	right	Keali'i Bio		02-Apr-02	211522	2111153	UTM Zone 5 NAD 83	596	1955
Bryophyllum pinnatum	BryPin			HAVO	Highway 11	Highway 11	76	both	Keali'i Bio	Laura Nelson	02-Apr-02	210081	2111710	UTM Zone 5 NAD 83	594	1949
Bryophyllum pinnatum	BryPin			HAVO	Highway 11	Highway 11	77	both	Keali'i Bio	Laura Nelson	02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Bryophyllum pinnatum	BryPin			HAVO	Highway 11	Highway 11	78	both	Keali'i Bio	Laura Nelson	02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Bryophyllum pinnatum	BryPin			HAVO	Highway 11	Highway 11	79	both	Keali'i Bio	Laura Nelson	20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
Bryophyllum pinnatum	BryPin			HAVO	Highway 11	Highway 11	80	both	Keali'i Bio	Laura Nelson	20-Mar-02	204197	2114294	UTM Zone 5 NAD 83	583	1913
Bryophyllum pinnatum	BryPin			HAVO	Highway 11	Highway 11	81	both	Keali'i Bio	Laura Nelson	20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Bryophyllum tubiflorum	BryTub			HAVO	Highway 11	Highway 11	37	makai	Steve Dougill	Robert Yamanoha	21-May-01	252204	2144180	UTM Zone 5 NAD 83	960	3150
Bryophyllum tubiflorum	BryTub			HAVO	Highway 11	Highway 11	75	both	Keali'i Bio	Laura Nelson	02-Apr-02	211522	2111153	UTM Zone 5 NAD 83	596	1955
Bryophyllum tubiflorum	BryTub			HAVO	Highway 11	Highway 11	76	both	Keali'i Bio	Laura Nelson	02-Apr-02	210081	2111710	UTM Zone 5 NAD 83	594	1949
Bryophyllum tubiflorum	BryTub			HAVO	Highway 11	Highway 11	77	left	Laura Nelson		02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Buddleia asiatica	BudAsi			East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604

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Buddleia asiatica	BudAsi			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Buddleia asiatica	BudAsi			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Buddleia asiatica	BudAsi			East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Buddleia asiatica	BudAsi			East of HAVO	Highway 130	Highway 130	15	both	Keali'i Bio	Linda Pratt	19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Buddleia asiatica	BudAsi			East of HAVO	Highway 130	Highway 130	16	both	Keali'i Bio	Linda Pratt	19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Buddleia asiatica	BudAsi			East of HAVO	Highway 130	Highway 130	17	both	Keali'i Bio	Linda Pratt	19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Buddleia asiatica	BudAsi			East of HAVO	Highway 130	Highway 130	18	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Buddleia asiatica	BudAsi			East of HAVO	Highway 130	Highway 130	19	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Buddleia asiatica	BudAsi			East of HAVO	Highway 130	Highway 130	20	both	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Buddleia asiatica	BudAsi			East of HAVO	Stainback Highway	Stainback Highway	9	right	Keali'i Bio		24-Jan-05	272678	2166769	UTM Zone 5 NAD 83	694	2277
Buddleia asiatica	BudAsi			East of HAVO	Stainback Highway	Stainback Highway	10	left	Linda Pratt		24-Jan-05	271239	2166177	UTM Zone 5 NAD 83	793	2602
Buddleia asiatica	BudAsi			East of HAVO	Stainback Highway	Stainback Highway	11	both	Keali'i Bio	Linda Pratt	24-Jan-05	269708	2165751	UTM Zone 5 NAD 83	882	2894
Buddleia asiatica	BudAsi			East of HAVO	Stainback Highway	Stainback Highway	12	right	Keali'i Bio		24-Jan-05	268168	2165427	UTM Zone 5 NAD 83	954	3130
Buddleia asiatica	BudAsi			East of HAVO	Stainback Highway	Stainback Highway	13	both	Keali'i Bio	Linda Pratt	24-Jan-05	266627	2165328	UTM Zone 5 NAD 83	1032	3386
Buddleia asiatica	BudAsi			East of HAVO	Stainback Highway	Stainback Highway	14	both	Keali'i Bio	Linda Pratt	24-Jan-05	265311	2164578	UTM Zone 5 NAD 83	1130	3707
Buddleia asiatica	BudAsi			East of HAVO	Stainback Highway	Stainback Highway	16	both	Keali'i Bio	Linda Pratt	24-Jan-05	262244	2164420	UTM Zone 5 NAD 83	1328	4357
Buddleia asiatica	BudAsi			East of HAVO	Stainback Highway	Stainback Highway	17	both	Keali'i Bio	Linda Pratt	24-Jan-05	260706	2164215	UTM Zone 5 NAD 83	1434	4705
Buddleia asiatica	BudAsi			East of HAVO	Stainback Highway	Stainback Highway	18	right	Keali'i Bio		24-Jan-05	259274	2163747	UTM Zone 5 NAD 83	1528	5013
Buddleia asiatica	BudAsi			HAVO	Chain of Craters Rd	Chain of Craters Rd	0	both	Keali'i Bio	Linda Pratt	31-May-01	263393	2147218	UTM Zone 5 NAD 83	1135	3724
Buddleia asiatica	BudAsi			HAVO	Chain of Craters Rd	Chain of Craters Rd	1	both	Keali'i Bio	Linda Pratt	31-May-01	263783	2145709	UTM Zone 5 NAD 83	1107	3632
Buddleia asiatica	BudAsi			HAVO	Chain of Craters Rd	Chain of Craters Rd	3	both	Keali'i Bio	Linda Pratt	31-May-01	265912	2143452	UTM Zone 5 NAD 83	1002	3287
Buddleia asiatica	BudAsi			HAVO	Chain of Craters Rd	Chain of Craters Rd	4	both	Keali'i Bio	Linda Pratt	31-May-01	266449	2142261	UTM Zone 5 NAD 83	975	3199
Buddleia asiatica	BudAsi			HAVO	Chain of Craters Rd	Chain of Craters Rd	8	left (even mile)	Linda Pratt	Robert Yamanoha	31-May-01	270524	2138448	UTM Zone 5 NAD 83	730	2395
Buddleia asiatica	BudAsi			HAVO	Chain of Craters Rd	Chain of Craters Rd	9	left (even mile)	Linda Pratt	Robert Yamanoha	31-May-01	271712	2137525	UTM Zone 5 NAD 83	641	2103
Buddleia asiatica	BudAsi			HAVO	Chain of Craters Rd	Chain of Craters Rd	11	left (even)	Linda Pratt		06-Jun-01	274716	2136863	UTM Zone 5 NAD 83	487	1598
Buddleia asiatica	BudAsi			HAVO	Crater Rim Rd	Crater Rim Rd	0	left	Linda Pratt		23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Buddleia asiatica	BudAsi			HAVO	Crater Rim Rd	Crater Rim Rd	6	right	Keali'i Bio		23-Jul-01	261322	2146491	UTM Zone 5 NAD 83	1109	3638
Buddleia asiatica	BudAsi			HAVO	Crater Rim Rd	Crater Rim Rd	7	right	Linda Pratt		23-Jul-01	262735	2147218	UTM Zone 5 NAD 83	1146	3760
Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	23	both	Keali'i Bio	Linda Pratt	17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	24	makai	Keali'i Bio		17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	26	both	Keali'i Bio	Linda Pratt	17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	27	both	Keali'i Bio	Linda Pratt	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	28	makai	Steve Dougill	Robert Yamanoha	21-May-01	263792	2149317	UTM Zone 5 NAD 83	1182	3878
Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	30	both	Keali'i Bio	Linda Pratt	18-May-01	261165	2150609	UTM Zone 5 NAD 83	1226	4022
Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	31	both	Keali'i Bio	Linda Pratt	18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009
Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	32	both	Keali'i Bio	Linda Pratt	18-May-01	258337	2149127	UTM Zone 5 NAD 83	1185	3888
Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	33	makai	Linda Pratt	Steve Dougill	18-May-01	256886	2148424	UTM Zone 5 NAD 83	1127	3698
Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	34	makai	Linda Pratt	Steve Dougill	18-May-01	255546	2147576	UTM Zone 5 NAD 83	1087	3566
Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	35	both	Keali'i Bio	Linda Pratt	18-May-01	254327	2146502	UTM Zone 5 NAD 83	1046	3432
Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	40	makai	Steve Dougill	Robert Yamanoha	21-May-01	248932	2140652	UTM Zone 5 NAD 83	847	2779
Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	41	mauka	Keali'i Bio		21-May-01	248047	2139309	UTM Zone 5 NAD 83	803	2635
Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	42	mauka	Keali'i Bio		30-May-01	247211	2137934	UTM Zone 5 NAD 83	754	2474
Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	44	mauka	Keali'i Bio		30-May-01	245606	2135157	UTM Zone 5 NAD 83	682	2238
Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	45	both	Keali'i Bio	Robert Yamanoha	30-May-01	244911	2133713	UTM Zone 5 NAD 83	628	2060
Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	46	mauka	Keali'i Bio		30-May-01	244057	2132365	UTM Zone 5 NAD 83	586	1923
Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	47	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699
Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	49	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	66	makai	Keali'i Bio		16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	67	mauka	Laura Nelson		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	68	left	Laura Nelson		03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	72	right	Keali'i Bio		03-Apr-02	215850	2109628	UTM Zone 5 NAD 83	602	1975

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Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	75	both	Keali'i Bio	Laura Nelson	02-Apr-02	211522	2111153	UTM Zone 5 NAD 83	596	1955
Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	77	both	Keali'i Bio	Laura Nelson	02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	78	both	Keali'i Bio	Laura Nelson	02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	79	both	Keali'i Bio	Laura Nelson	20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
Buddleia asiatica	BudAsi			HAVO	Highway 11	Highway 11	80	makai	Laura Nelson		20-Mar-02	204197	2114294	UTM Zone 5 NAD 83	583	1913
Buddleia asiatica	BudAsi			HAVO	Wright Rd	Wright Rd	0	right	Keali'i Bio		06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Buddleia asiatica	BudAsi			HAVO	Wright Rd	Wright Rd	1	right	Keali'i Bio		06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Buddleia asiatica	BudAsi			HAVO	Wright Rd	Wright Rd	2	right	Keali'i Bio		06-Oct-03	264381	2152867	UTM Zone 5 NAD 83	1161	3809
Buddleia asiatica	BudAsi			HAVO	Wright Rd	Wright Rd	3	both	Keali'i Bio	Linda Pratt	06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Buddleia asiatica	BudAsi			HAVO	Wright Rd	Wright Rd	4	both	Keali'i Bio	Linda Pratt	06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Buddleia davidii	BudDav			HAVO	Highway 11	Highway 11	29	mauka	Keali'i Bio		21-May-01	262687	2150443	UTM Zone 5 NAD 83	1219	3999
Buddleia davidii	BudDav			HAVO	Wright Rd	Wright Rd	3	left	Linda Pratt		06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Buddleia davidii	BudDav			HAVO	Wright Rd	Wright Rd	4	both	Keali'i Bio	Linda Pratt	06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Buddleia davidii	BudDav			Residential	Volcano Golf Course	Painiu			Keali'i Bio	Linda Pratt	12-Aug-03	260928	2151431	UTM Zone 5 NAD 83	1226	4022
Buddleia davidii	BudDav			Residential	Volcano Golf Course	Pukiawe Circle E			Keali'i Bio	Linda Pratt	12-Aug-03	260894	2151948	UTM Zone 5 NAD 83	1228	4029
Buddleia davidii	BudDav			Residential	Volcano Village	Road D			Keali'i Bio	Linda Pratt	05-Aug-03	265712	2151426	UTM Zone 5 NAD 83	1125	3691
Buddleia madagascariensis	BudMad			Y HAVO	Highway 11	Highway 11	24	both	Keali'i Bio	Linda Pratt	17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Buddleia madagascariensis	BudMad			Y HAVO	Highway 11	Highway 11	26	mauka	Linda Pratt	Robert Yamanoha	17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Buddleia madagascariensis	BudMad			Y Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	265443	2149531	UTM Zone 5 NAD 83	1143	3750
Buddleia madagascariensis	BudMad			Y Residential	Volcano Village	Kilauea			Keali'i Bio	Linda Pratt	05-Aug-03	265390	2150283	UTM Zone 5 NAD 83	1134	3720
Buddleia madagascariensis	BudMad			Y Residential	Volcano Village	Old Volcano Hwy			Keali'i Bio	Linda Pratt	05-Aug-03	265216	2149679	UTM Zone 5 NAD 83	1143	3750
Caesalpinia decapetala	CaeDec			Y HAVO	Highway 11	Highway 11	47	mauka	Keali'i Bio		04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699
Caesalpinia decapetala	CaeDec			Y HAVO	Highway 11	Highway 11	49	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Caesalpinia decapetala	CaeDec			Y HAVO	Highway 11	Highway 11	65	both	Keali'i Bio	Laura Nelson	16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Caesalpinia decapetala	CaeDec			Y HAVO	Highway 11	Highway 11	77	right	Keali'i Bio		02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Calotropis gigantea/C. proc	CalSpp			HAVO	Wright Rd	Wright Rd	3	left	Linda Pratt		06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Casuarina equisetifolia	CasEqu			East of HAVO	Highway 130	Highway 130	11	left	Linda Pratt		19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Casuarina equisetifolia	CasEqu			East of HAVO	Highway 130	Highway 130	17	left	Linda Pratt		19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Casuarina equisetifolia	CasEqu			East of HAVO	Highway 130	Highway 130	18	right	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Casuarina equisetifolia	CasEqu			East of HAVO	Highway 130	Highway 130	19	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Casuarina equisetifolia	CasEqu			East of HAVO	Highway 130	Highway 130	20	both	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Casuarina equisetifolia	CasEqu			HAVO	Highway 11	Highway 11	49	makai	Robert Yamanoha		04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Casuarina equisetifolia	CasEqu			HAVO	Highway 11	Highway 11	66	makai	Keali'i Bio		16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Casuarina equisetifolia	CasEqu			HAVO	Highway 11	Highway 11	69	right	Keali'i Bio		03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Casuarina equisetifolia	CasEqu			HAVO	Wright Rd	Wright Rd	1	left	Linda Pratt		06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Casuarina equisetifolia	CasEqu			Residential	Mauna Loa Estates	6th			Keali'i Bio	Linda Pratt	12-Aug-03	267422	2150179	UTM Zone 5 NAD 83	1063	3488
Casuarina equisetifolia	CasEqu			Residential	Volcano Golf Course	Piimauna			Keali'i Bio	Linda Pratt	12-Aug-03	260714	2151220	UTM Zone 5 NAD 83	1223	4012
Casuarina equisetifolia	CasEqu			Residential	Volcano Village	l'wi Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	263829	2151195	UTM Zone 5 NAD 83	1195	3921
Casuarina equisetifolia	CasEqu			Residential	Volcano Village	Road B			Keali'i Bio	Linda Pratt	05-Aug-03	265452	2151277	UTM Zone 5 NAD 83	1135	3724
Casuarina spp.	CasSpp			Y HAVO	Highway 11	Highway 11	66	mauka	Laura Nelson		16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Casuarina spp.	CasSpp			Y HAVO	Highway 11	Highway 11	67	both	Keali'i Bio	Laura Nelson	16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Casuarina spp.	CasSpp			Y HAVO	Highway 11	Highway 11	68	left	Laura Nelson		03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Casuarina spp.	CasSpp			Y HAVO	Highway 11	Highway 11	69	left	Laura Nelson		03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Casuarina spp.	CasSpp			Y HAVO	Highway 11	Highway 11	76	left	Laura Nelson		02-Apr-02	210081	2111710	UTM Zone 5 NAD 83	594	1949
Casuarina spp.	CasSpp			Y HAVO	Highway 11	Highway 11	78	right	Keali'i Bio		02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Cecropia obtusifolia	CecObt			Y East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Cecropia obtusifolia	CecObt			Y East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Cecropia obtusifolia	CecObt			Y East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Cecropia obtusifolia	CecObt			Y East of HAVO	Highway 130	Highway 130	15	both	Keali'i Bio	Linda Pratt	19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Cecropia obtusifolia	CecObt			Y East of HAVO	Highway 130	Highway 130	16	left	Linda Pratt		19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Cecropia obtusifolia	CecObt			Y East of HAVO	Highway 130	Highway 130	18	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545

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<i>Cecropia obtusifolia</i>	CecObt		Y	East of HAVO	Highway 130	Highway 130	19	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
<i>Cecropia obtusifolia</i>	CecObt		Y	HAVO	Highway 11	Highway 11	77	right	Keali'i Bio		02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
<i>Cecropia obtusifolia</i>	CecObt		Y	HAVO	Highway 11	Highway 11	80	mauka	Keali'i Bio		20-Mar-02	204197	2114294	UTM Zone 5 NAD 83	583	1913
<i>Cecropia obtusifolia</i>	CecObt		Y	HAVO	Highway 11	Highway 11	81	both	Keali'i Bio	Laura Nelson	20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
<i>Cenchrus echinatus</i>	CenEch			HAVO	Chain of Craters Rd	Chain of Craters Rd	12	left (even)	Linda Pratt		06-Jun-01	276347	2137027	UTM Zone 5 NAD 83	389	1276
<i>Cenchrus echinatus</i>	CenEch			HAVO	Highway 11	Highway 11	39	mauka	Keali'i Bio		21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
<i>Cenchrus echinatus</i>	CenEch			HAVO	Highway 11	Highway 11	40	both	Keali'i Bio	Robert Yamanoha	21-May-01	248932	2140652	UTM Zone 5 NAD 83	847	2779
<i>Cenchrus echinatus</i>	CenEch			HAVO	Highway 11	Highway 11	43	both	Keali'i Bio	Robert Yamanoha	30-May-01	246380	2136565	UTM Zone 5 NAD 83	726	2382
<i>Cenchrus echinatus</i>	CenEch			HAVO	Highway 11	Highway 11	49	mauka	Keali'i Bio		04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
<i>Cenchrus echinatus</i>	CenEch			HAVO	Highway 11	Highway 11	77	right	Keali'i Bio		02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
<i>Cenchrus echinatus</i>	CenEch			HAVO	Hilina Pali Rd	Hilina Pali Rd	3	both	Keali'i Bio	Linda Pratt	08-Aug-01	261892	2140618	UTM Zone 5 NAD 83	981	3219
<i>Cenchrus echinatus</i>	CenEch			HAVO	Hilina Pali Rd	Hilina Pali Rd	4	both	Keali'i Bio	Linda Pratt	08-Aug-01	261042	2139784	UTM Zone 5 NAD 83	958	3143
<i>Cenchrus echinatus</i>	CenEch			HAVO	Hilina Pali Rd	Hilina Pali Rd	6	both	Keali'i Bio	Linda Pratt	08-Aug-01	259221	2137810	UTM Zone 5 NAD 83	859	2818
<i>Cenchrus echinatus</i>	CenEch			HAVO	Hilina Pali Rd	Hilina Pali Rd	7	right	Keali'i Bio		08-Aug-01	258530	2136558	UTM Zone 5 NAD 83	799	2621
<i>Cenchrus echinatus</i>	CenEch			HAVO	Hilina Pali Rd	Hilina Pali Rd	8	both	Keali'i Bio	Linda Pratt	08-Aug-01	257632	2135674	UTM Zone 5 NAD 83	733	2405
<i>Cestrum aurantiacum</i>	CesAur			East of HAVO	Highway 130	Highway 130	13	left	Linda Pratt		19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
<i>Cestrum diurnum</i>	CesDiu			Residential	Mauna Loa Estates	7th			Keali'i Bio	Linda Pratt	12-Aug-03	266470	2149349	UTM Zone 5 NAD 83	1121	3678
<i>Cestrum nocturnum</i>	CesNoc			HAVO	Wright Rd	Wright Rd	1	left	Linda Pratt		06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
<i>Cestrum nocturnum</i>	CesNoc			Residential	Mauna Loa Estates	10th			Keali'i Bio	Linda Pratt	05-Aug-03	267706	2149734	UTM Zone 5 NAD 83	1070	3510
<i>Cestrum nocturnum</i>	CesNoc			Residential	Mauna Loa Estates	12th			Keali'i Bio	Linda Pratt	05-Aug-03	267613	2149349	UTM Zone 5 NAD 83	1084	3556
<i>Cestrum nocturnum</i>	CesNoc			Residential	Mauna Loa Estates	4th			Keali'i Bio	Linda Pratt	12-Aug-03	267267	2150381	UTM Zone 5 NAD 83	1074	3524
<i>Cestrum nocturnum</i>	CesNoc			Residential	Mauna Loa Estates	5th			Keali'i Bio	Linda Pratt	12-Aug-03	266327	2149568	UTM Zone 5 NAD 83	1120	3675
<i>Cestrum nocturnum</i>	CesNoc			Residential	Mauna Loa Estates	6th			Keali'i Bio	Linda Pratt	12-Aug-03	267422	2150179	UTM Zone 5 NAD 83	1063	3488
<i>Cestrum nocturnum</i>	CesNoc			Residential	Mauna Loa Estates	8th			Keali'i Bio	Linda Pratt	12-Aug-03	266498	2149211	UTM Zone 5 NAD 83	1123	3684
<i>Cestrum nocturnum</i>	CesNoc			Residential	Mauna Loa Estates	9th			Keali'i Bio	Linda Pratt	05-Aug-03	266599	2149121	UTM Zone 5 NAD 83	1119	3671
<i>Cestrum nocturnum</i>	CesNoc			Residential	Mauna Loa Estates	Pearl			Keali'i Bio	Linda Pratt	05-Aug-03	267039	2149092	UTM Zone 5 NAD 83	1108	3635
<i>Cestrum nocturnum</i>	CesNoc			Residential	Mauna Loa Estates	Ruby			Keali'i Bio	Linda Pratt	05-Aug-03	266531	2150362	UTM Zone 5 NAD 83	1101	3612
<i>Cestrum nocturnum</i>	CesNoc			Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264690	2150983	UTM Zone 5 NAD 83	1158	3799
<i>Cestrum nocturnum</i>	CesNoc			Residential	Volcano Village	I'wi Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264670	2149864	UTM Zone 5 NAD 83	1161	3809
<i>Cestrum nocturnum</i>	CesNoc			Residential	Volcano Village	Kalani Honua			Keali'i Bio	Linda Pratt	05-Aug-03	265018	2150400	UTM Zone 5 NAD 83	1142	3747
<i>Cestrum nocturnum</i>	CesNoc			Residential	Volcano Village	Laukapu			Keali'i Bio	Linda Pratt	05-Aug-03	265865	2151504	UTM Zone 5 NAD 83	1117	3665
<i>Cestrum nocturnum</i>	CesNoc			Residential	Volcano Village	Road D			Keali'i Bio	Linda Pratt	05-Aug-03	265712	2151426	UTM Zone 5 NAD 83	1125	3691
<i>Chamaesyce hysopifolia</i>	ChaHys	Y		HAVO	Highway 11	Highway 11	31	mauka	Linda Pratt		18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009
<i>Citharexylum spinosum</i>	CitSpi		Y	East of HAVO	Highway 130	Highway 130	17	right	Keali'i Bio		19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
<i>Citharexylum spinosum</i>	CitSpi		Y	HAVO	Highway 11	Highway 11	66	makai	Keali'i Bio		16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
<i>Citharexylum spinosum</i>	CitSpi		Y	HAVO	Highway 11	Highway 11	68	left	Laura Nelson		03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
<i>Clidemia hirta**</i>	CliHirHir			East of HAVO	Highway 130	Highway 130	11	right	Keali'i Bio		19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
<i>Clidemia hirta**</i>	CliHirHir			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
<i>Clidemia hirta**</i>	CliHirHir			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
<i>Clidemia hirta**</i>	CliHirHir			East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
<i>Clidemia hirta**</i>	CliHirHir			East of HAVO	Highway 130	Highway 130	15	both	Keali'i Bio	Linda Pratt	19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
<i>Clidemia hirta**</i>	CliHirHir			East of HAVO	Highway 130	Highway 130	16	both	Keali'i Bio	Linda Pratt	19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
<i>Clidemia hirta**</i>	CliHirHir			East of HAVO	Stainback Highway	Stainback Highway	9	both	Keali'i Bio	Linda Pratt	24-Jan-05	272678	2166769	UTM Zone 5 NAD 83	694	2277
<i>Clidemia hirta**</i>	CliHirHir			East of HAVO	Stainback Highway	Stainback Highway	10	both	Keali'i Bio	Linda Pratt	24-Jan-05	271239	2166177	UTM Zone 5 NAD 83	793	2602
<i>Clidemia hirta**</i>	CliHirHir			East of HAVO	Stainback Highway	Stainback Highway	11	right	Keali'i Bio		24-Jan-05	269708	2165751	UTM Zone 5 NAD 83	882	2894
<i>Clidemia hirta**</i>	CliHirHir			East of HAVO	Stainback Highway	Stainback Highway	12	right	Keali'i Bio		24-Jan-05	268168	2165427	UTM Zone 5 NAD 83	954	3130
<i>Clusia rosea</i>	CluRos		Y	East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
<i>Clusia rosea</i>	CluRos		Y	East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
<i>Clusia rosea</i>	CluRos		Y	East of HAVO	Highway 130	Highway 130	15	right	Keali'i Bio		19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
<i>Clusia rosea</i>	CluRos		Y	East of HAVO	Highway 130	Highway 130	18	right	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
<i>Clusia rosea</i>	CluRos		Y	East of HAVO	Highway 130	Highway 130	20	left	Chelsie Javar	Keali'i Bio	20-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115

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<i>Clusia rosea</i>	CluRos		Y	HAVO	Highway 11	Highway 11	69	right	Keali'i Bio		03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
<i>Clusia rosea</i>	CluRos		Y	HAVO	Highway 11	Highway 11	77	both	Keali'i Bio	Laura Nelson	02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
<i>Coffea arabica</i>	CofAra			East of HAVO	Highway 130	Highway 130	14	left	Linda Pratt		19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
<i>Coffea arabica</i>	CofAra			East of HAVO	Highway 130	Highway 130	15	both	Keali'i Bio	Linda Pratt	19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
<i>Cortaderia</i> spp.**	CorSpp			HAVO	Wright Rd	Wright Rd	0	left	Linda Pratt		06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
<i>Cortaderia</i> spp.**	CorSpp			HAVO	Wright Rd	Wright Rd	1	left	Linda Pratt		06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
<i>Cortaderia</i> spp.**	CorSpp			Residential	Volcano Golf Course	Piimauna			Keali'i Bio	Linda Pratt	12-Aug-03	260714	2151220	UTM Zone 5 NAD 83	1223	4012
<i>Cortaderia</i> spp.**	CorSpp			Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264690	2150983	UTM Zone 5 NAD 83	1158	3799
<i>Cotoneaster pannosus</i>	CotPan			Residential	Volcano Golf Course	Kolokea			Keali'i Bio	Linda Pratt	12-Aug-03	260806	2152014	UTM Zone 5 NAD 83	1227	4026
<i>Cotoneaster pannosus</i>	CotPan			Residential	Volcano Golf Course	Pukiawe Circle E			Keali'i Bio	Linda Pratt	12-Aug-03	260735	2151256	UTM Zone 5 NAD 83	1223	4012
<i>Cotoneaster pannosus</i>	CotPan			Residential	Volcano Golf Course	Pukiawe Circle E			Keali'i Bio	Linda Pratt	12-Aug-03	260894	2151948	UTM Zone 5 NAD 83	1228	4029
<i>Crotalaria lanceolata</i>	CroLan		Y	East of HAVO	Highway 130	Highway 130	15	right	Keali'i Bio		19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
<i>Crotalaria lanceolata</i>	CroLan		Y	East of HAVO	Highway 130	Highway 130	20	left	Chelsie Javar	Keali'i Bio	20-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
<i>Crotalaria lanceolata</i>	CroLan		Y	HAVO	Chain of Craters Rd	Chain of Craters Rd	12	left (even)	Linda Pratt		07-Jun-01	276347	2137027	UTM Zone 5 NAD 83	389	1276
<i>Crotalaria lanceolata</i>	CroLan		Y	HAVO	Highway 11	Highway 11	31	mauka	Linda Pratt		18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009
<i>Dactylis glomerata</i>	DacGlo			HAVO	Crater Rim Rd	Crater Rim Rd	9	right	Linda Pratt		23-Jul-01	264678	2148282	UTM Zone 5 NAD 83	1194	3917
<i>Dactylis glomerata</i>	DacGlo			HAVO	Mauna Loa Rd	Mauna Loa Rd	0	both	Linda Pratt		20-Jun-01	260232	2150037	UTM Zone 5 NAD 83	1228	4029
<i>Dactylis glomerata</i>	DacGlo			HAVO	Mauna Loa Rd	Mauna Loa Rd	2	both	Linda Pratt		20-Jun-01	257651	2151066	UTM Zone 5 NAD 83	1223	4012
<i>Dactylis glomerata</i>	DacGlo			HAVO	Mauna Loa Rd	Mauna Loa Rd	3	both	Linda Pratt		20-Jun-01	256794	2151494	UTM Zone 5 NAD 83	1285	4216
<i>Dactylis glomerata</i>	DacGlo			HAVO	Mauna Loa Rd	Mauna Loa Rd	4	both	Linda Pratt		20-Jun-01	255333	2151589	UTM Zone 5 NAD 83	1356	4449
<i>Dactylis glomerata</i>	DacGlo			HAVO	Mauna Loa Rd	Mauna Loa Rd	5	both	Linda Pratt		20-Jun-01	254743	2152431	UTM Zone 5 NAD 83	1429	4688
<i>Dactylis glomerata</i>	DacGlo			HAVO	Mauna Loa Rd	Mauna Loa Rd	7	both	Linda Pratt		20-Jun-01	253220	2154160	UTM Zone 5 NAD 83	1580	5184
<i>Dactylis glomerata</i>	DacGlo			HAVO	Mauna Loa Rd	Mauna Loa Rd	10	both	Linda Pratt		20-Jun-01	250386	2156103	UTM Zone 5 NAD 83	1883	6178
<i>Desmodium cajanifolium</i>	DesCaj			East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
<i>Desmodium cajanifolium</i>	DesCaj			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
<i>Desmodium cajanifolium</i>	DesCaj			East of HAVO	Highway 130	Highway 130	13	right	Keali'i Bio		19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
<i>Desmodium cajanifolium</i>	DesCaj			East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
<i>Desmodium cajanifolium</i>	DesCaj			East of HAVO	Highway 130	Highway 130	15	left	Linda Pratt		19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
<i>Desmodium cajanifolium</i>	DesCaj			East of HAVO	Highway 130	Highway 130	17	both	Keali'i Bio	Linda Pratt	19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
<i>Desmodium cajanifolium</i>	DesCaj			East of HAVO	Highway 130	Highway 130	18	right	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
<i>Desmodium cajanifolium</i>	DesCaj			East of HAVO	Highway 130	Highway 130	19	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
<i>Desmodium cajanifolium</i>	DesCaj			HAVO	Highway 11	Highway 11	36	mauka	Keali'i Bio		18-May-01	253248	2145389	UTM Zone 5 NAD 83	1010	3314
<i>Desmodium cajanifolium</i>	DesCaj			HAVO	Highway 11	Highway 11	39	both	Keali'i Bio	Robert Yamanoha	21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
<i>Desmodium cajanifolium</i>	DesCaj			HAVO	Highway 11	Highway 11	70	both	Keali'i Bio	Laura Nelson	03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
<i>Desmodium cajanifolium</i>	DesCaj			HAVO	Highway 11	Highway 11	71	left	Laura Nelson		03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047
<i>Desmodium cajanifolium</i>	DesCaj			HAVO	Highway 11	Highway 11	72	left	Laura Nelson		03-Apr-02	215850	2109628	UTM Zone 5 NAD 83	602	1975
<i>Desmodium cajanifolium</i>	DesCaj			HAVO	Highway 11	Highway 11	78	both	Keali'i Bio	Laura Nelson	02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
<i>Desmodium cajanifolium</i>	DesCaj			HAVO	Highway 11	Highway 11	79	mauka	Keali'i Bio		20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
<i>Desmodium incanum/D. int</i>	DesInc			East of HAVO	Highway 130	Highway 130	12	right	Keali'i Bio		19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
<i>Desmodium incanum/D. int</i>	DesInc			East of HAVO	Highway 130	Highway 130	14	right	Keali'i Bio		19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
<i>Desmodium incanum/D. int</i>	DesInc			East of HAVO	Highway 130	Highway 130	16	right	Keali'i Bio		19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
<i>Desmodium incanum/D. int</i>	DesInc			HAVO	Chain of Craters Rd	Chain of Craters Rd	0	both	Keali'i Bio	Linda Pratt	31-May-01	263393	2147218	UTM Zone 5 NAD 83	1135	3724
<i>Desmodium incanum/D. int</i>	DesInc			HAVO	Crater Rim Rd	Crater Rim Rd	7	right	Linda Pratt		23-Jul-01	262735	2147218	UTM Zone 5 NAD 83	1146	3760
<i>Desmodium incanum/D. int</i>	DesInc			HAVO	Crater Rim Rd	Crater Rim Rd	9	right	Linda Pratt		23-Jul-01	264678	2148282	UTM Zone 5 NAD 83	1194	3917
<i>Desmodium incanum/D. int</i>	DesInc			HAVO	Highway 11	Highway 11	65	makai	Keali'i Bio		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
<i>Desmodium incanum/D. int</i>	DesInc			HAVO	Highway 11	Highway 11	66	both	Keali'i Bio	Laura Nelson	16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
<i>Desmodium incanum/D. int</i>	DesInc			HAVO	Highway 11	Highway 11	67	both	Keali'i Bio	Laura Nelson	16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
<i>Desmodium incanum/D. int</i>	DesInc			HAVO	Highway 11	Highway 11	68	both	Keali'i Bio	Laura Nelson	03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
<i>Desmodium incanum/D. int</i>	DesInc			HAVO	Highway 11	Highway 11	69	both	Keali'i Bio	Laura Nelson	03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
<i>Desmodium incanum/D. int</i>	DesInc			HAVO	Highway 11	Highway 11	70	both	Keali'i Bio	Laura Nelson	03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
<i>Desmodium incanum/D. int</i>	DesInc			HAVO	Highway 11	Highway 11	71	left	Laura Nelson		03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047

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Desmodium incanum/D. int	DesInc			HAVO	Highway 11	Highway 11	79	mauka	Keali'i Bio		20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
Desmodium incanum/D. int	DesInc			HAVO	Highway 11	Highway 11	80	makai	Laura Nelson		20-Mar-02	204197	2114294	UTM Zone 5 NAD 83	583	1913
Desmodium incanum/D. int	DesInc			HAVO	Highway 11	Highway 11	81	both	Keali'i Bio	Laura Nelson	20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Desmodium incanum/D. int	DesInc			HAVO	Mauna Loa Rd	Mauna Loa Rd	1	both	Linda Pratt		21-Jun-01	258888	2150444	UTM Zone 5 NAD 83	1211	3973
Desmodium incanum/D. int	DesInc			HAVO	Wright Rd	Wright Rd	3	right	Keali'i Bio		06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Desmodium incanum/D. int	DesInc			Residential	Mauna Loa Estates	7th			Keali'i Bio	Linda Pratt	12-Aug-03	266470	2149349	UTM Zone 5 NAD 83	1121	3678
Desmodium incanum/D. int	DesInc			Residential	Volcano Golf Course	Palaa			Keali'i Bio	Linda Pratt	12-Aug-03	260126	2151287	UTM Zone 5 NAD 83	1219	3999
Desmodium incanum/D. int	DesInc			Residential	Volcano Golf Course	Piimauna			Keali'i Bio	Linda Pratt	12-Aug-03	260714	2151220	UTM Zone 5 NAD 83	1223	4012
Desmodium incanum/D. int	DesInc			Residential	Volcano Golf Course	Pukiawe Circle E			Keali'i Bio	Linda Pratt	12-Aug-03	260894	2151948	UTM Zone 5 NAD 83	1228	4029
Desmodium incanum/D. int	DesInc			Residential	Volcano Village	Elepaio			Keali'i Bio	Linda Pratt	05-Aug-03	264484	2151364	UTM Zone 5 NAD 83	1170	3839
Desmodium incanum/D. int	DesInc			Residential	Volcano Village	Road E			Keali'i Bio	Linda Pratt	05-Aug-03	265470	2152152	UTM Zone 5 NAD 83	1129	3704
Dicksonia spp.	DicSpp			HAVO	Wright Rd	Wright Rd	3	right	Keali'i Bio		06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Dicksonia spp.	DicSpp			Residential	Mauna Loa Estates	8th			Keali'i Bio	Linda Pratt	12-Aug-03	266498	2149211	UTM Zone 5 NAD 83	1123	3684
Dicksonia spp.	DicSpp			Residential	Volcano Village	Kalani Honua			Keali'i Bio	Linda Pratt	05-Aug-03	264556	2150447	UTM Zone 5 NAD 83	1165	3822
Dicksonia spp.	DicSpp			Residential	Volcano Village	Kilauea			Keali'i Bio	Linda Pratt	05-Aug-03	264649	2149873	UTM Zone 5 NAD 83	1162	3812
Dicksonia spp.	DicSpp			Residential	Volcano Village	Road B			Keali'i Bio	Linda Pratt	05-Aug-03	265452	2151277	UTM Zone 5 NAD 83	1135	3724
Digitaria abyssinica?	DigAby		Y	HAVO	Crater Rim Rd	Crater Rim Rd	10	right	Linda Pratt		23-Jul-01	263738	2149287	UTM Zone 5 NAD 83	1181	3875
Digitaria insularis	DigIns			East of HAVO	Highway 130	Highway 130	11	right	Keali'i Bio		19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Digitaria insularis	DigIns			East of HAVO	Highway 130	Highway 130	14	left	Linda Pratt		19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Digitaria insularis	DigIns			East of HAVO	Highway 130	Highway 130	19	right	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Digitaria insularis	DigIns			East of HAVO	Highway 130	Highway 130	20	both	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Digitaria insularis	DigIns			HAVO	Chain of Craters Rd	Chain of Craters Rd	19	both	Keali'i Bio	Linda Pratt	06-Jun-01	280123	2135093	UTM Zone 5 NAD 83	14	46
Digitaria insularis	DigIns			HAVO	Highway 11	Highway 11	65	both	Keali'i Bio	Laura Nelson	16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Digitaria insularis	DigIns			HAVO	Highway 11	Highway 11	66	makai	Keali'i Bio		16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Digitaria insularis	DigIns			HAVO	Highway 11	Highway 11	73	left	Laura Nelson		02-Apr-02	214329	2110073	UTM Zone 5 NAD 83	597	1959
Dissotis rotundifolia	DisRot			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Dissotis rotundifolia	DisRot			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Dissotis rotundifolia	DisRot			East of HAVO	Highway 130	Highway 130	14	right	Keali'i Bio		19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Dissotis rotundifolia	DisRot			East of HAVO	Highway 130	Highway 130	15	both	Keali'i Bio	Linda Pratt	19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Dissotis rotundifolia	DisRot			East of HAVO	Highway 130	Highway 130	18	right	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Dissotis rotundifolia	DisRot			East of HAVO	Highway 130	Highway 130	19	right	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Ehrharta stipoides	EhrSti			HAVO	Chain of Craters Rd	Chain of Craters Rd	0	left (even mile)	Linda Pratt	Robert Yamanoha	31-May-01	263393	2147218	UTM Zone 5 NAD 83	1135	3724
Ehrharta stipoides	EhrSti			HAVO	Chain of Craters Rd	Chain of Craters Rd	1	right (odd mile)	Keali'i Bio		31-May-01	263783	2145709	UTM Zone 5 NAD 83	1107	3632
Ehrharta stipoides	EhrSti			HAVO	Crater Rim Rd	Crater Rim Rd	0	left	Linda Pratt		23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Ehrharta stipoides	EhrSti			HAVO	Crater Rim Rd	Crater Rim Rd	7	right	Linda Pratt		23-Jul-01	262735	2147218	UTM Zone 5 NAD 83	1146	3760
Ehrharta stipoides	EhrSti			HAVO	Crater Rim Rd	Crater Rim Rd	8	both	Linda Pratt	Keali'i Bio	23-Jul-01	264190	2147608	UTM Zone 5 NAD 83	1153	3783
Ehrharta stipoides	EhrSti			HAVO	Crater Rim Rd	Crater Rim Rd	9	both	Linda Pratt	Keali'i Bio	23-Jul-01	264678	2148282	UTM Zone 5 NAD 83	1194	3917
Ehrharta stipoides	EhrSti			HAVO	Highway 11	Highway 11	26	makai	Keali'i Bio		17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Ehrharta stipoides	EhrSti			HAVO	Highway 11	Highway 11	31	mauka	Keali'i Bio		18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009
Ehrharta stipoides	EhrSti			HAVO	Highway 11	Highway 11	46	makai	Robert Yamanoha		30-May-01	244057	2132365	UTM Zone 5 NAD 83	586	1923
Ehrharta stipoides	EhrSti			HAVO	Highway 11	Highway 11	49	mauka	Keali'i Bio		04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Ehrharta stipoides	EhrSti			HAVO	Mauna Loa Rd	Mauna Loa Rd	1	both	Linda Pratt		20-Jun-01	258888	2150444	UTM Zone 5 NAD 83	1211	3973
Ehrharta stipoides	EhrSti			HAVO	Mauna Loa Rd	Mauna Loa Rd	2	both	Linda Pratt		20-Jun-01	257651	2151066	UTM Zone 5 NAD 83	1223	4012
Ehrharta stipoides	EhrSti			HAVO	Mauna Loa Rd	Mauna Loa Rd	3	both	Linda Pratt		20-Jun-01	256794	2151494	UTM Zone 5 NAD 83	1285	4216
Ehrharta stipoides	EhrSti			HAVO	Mauna Loa Rd	Mauna Loa Rd	4	both	Linda Pratt		20-Jun-01	255333	2151589	UTM Zone 5 NAD 83	1356	4449
Ehrharta stipoides	EhrSti			HAVO	Mauna Loa Rd	Mauna Loa Rd	5	both	Linda Pratt		20-Jun-01	254743	2152431	UTM Zone 5 NAD 83	1429	4688
Ehrharta stipoides	EhrSti			HAVO	Mauna Loa Rd	Mauna Loa Rd	6	both	Linda Pratt		20-Jun-01	253984	2153448	UTM Zone 5 NAD 83	1500	4921
Ehrharta stipoides	EhrSti			HAVO	Mauna Loa Rd	Mauna Loa Rd	7	both	Linda Pratt		20-Jun-01	253220	2154160	UTM Zone 5 NAD 83	1580	5184
Ehrharta stipoides	EhrSti			HAVO	Mauna Loa Rd	Mauna Loa Rd	8	both	Linda Pratt		20-Jun-01	252221	2155114	UTM Zone 5 NAD 83	1686	5531
Ehrharta stipoides	EhrSti			HAVO	Mauna Loa Rd	Mauna Loa Rd	9	both	Linda Pratt		20-Jun-01	250854	2155424	UTM Zone 5 NAD 83	1778	5833
Ehrharta stipoides	EhrSti			HAVO	Mauna Loa Rd	Mauna Loa Rd	10	both	Linda Pratt		20-Jun-01	250386	2156103	UTM Zone 5 NAD 83	1883	6178

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Ehrharta stipoides	EhrSti			HAVO	Wright Rd	Wright Rd	3	left	Linda Pratt		06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Ehrharta stipoides	EhrSti			HAVO	Wright Rd	Wright Rd	4	both	Keali'i Bio	Linda Pratt	06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Elaeagnus sp.	ElaSp			Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264690	2150983	UTM Zone 5 NAD 83	1158	3799
Elaeagnus sp.	ElaSp			Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264300	2151658	UTM Zone 5 NAD 83	1172	3845
Elaeagnus sp.	ElaSp			Residential	Volcano Village	I'wi Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264207	2150551	UTM Zone 5 NAD 83	1180	3871
Elaeagnus sp.	ElaSp			Residential	Volcano Village	I'wi Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264670	2149864	UTM Zone 5 NAD 83	1161	3809
Elaeagnus sp.	ElaSp			Residential	Volcano Village	Kalani Honua			Keali'i Bio	Linda Pratt	05-Aug-03	265018	2150400	UTM Zone 5 NAD 83	1142	3747
Epidendrum x obrienianum	EpiXObr			East of HAVO	Highway 130	Highway 130	17	right	Keali'i Bio		19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Epidendrum x obrienianum	EpiXObr			HAVO	Wright Rd	Wright Rd	0	both	Keali'i Bio	Linda Pratt	06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Epidendrum x obrienianum	EpiXObr			Residential	Volcano Golf Course	Kaohelo			Keali'i Bio	Linda Pratt	12-Aug-03	260961	2151805	UTM Zone 5 NAD 83	1228	4029
Epidendrum x obrienianum	EpiXObr			Residential	Volcano Golf Course	Kilau			Keali'i Bio	Linda Pratt	12-Aug-03	260465	2151503	UTM Zone 5 NAD 83	1222	4009
Epidendrum x obrienianum	EpiXObr			Residential	Volcano Golf Course	Painiu			Keali'i Bio	Linda Pratt	12-Aug-03	260928	2151431	UTM Zone 5 NAD 83	1226	4022
Epidendrum x obrienianum	EpiXObr			Residential	Volcano Golf Course	Palaa			Keali'i Bio	Linda Pratt	12-Aug-03	260126	2151287	UTM Zone 5 NAD 83	1219	3999
Epidendrum x obrienianum	EpiXObr			Residential	Volcano Golf Course	Pukiawe Circle W			Keali'i Bio	Linda Pratt	12-Aug-03	260317	2151596	UTM Zone 5 NAD 83	1223	4012
Epidendrum x obrienianum	EpiXObr			Residential	Volcano Village	I'wi Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264207	2150551	UTM Zone 5 NAD 83	1180	3871
Epidendrum x obrienianum	EpiXObr			Residential	Volcano Village	I'wi Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	263829	2151195	UTM Zone 5 NAD 83	1195	3921
Epidendrum x obrienianum	EpiXObr			Residential	Volcano Village	Kalani Honua			Keali'i Bio	Linda Pratt	05-Aug-03	265018	2150400	UTM Zone 5 NAD 83	1142	3747
Epidendrum x obrienianum	EpiXObr			Residential	Volcano Village	Keonelehua			Keali'i Bio	Linda Pratt	05-Aug-03	265525	2150832	UTM Zone 5 NAD 83	1138	3734
Epidendrum x obrienianum	EpiXObr			Residential	Volcano Village	Kilauea			Keali'i Bio	Linda Pratt	05-Aug-03	264649	2149873	UTM Zone 5 NAD 83	1162	3812
Epidendrum x obrienianum	EpiXObr			Residential	Volcano Village	Laukapu			Keali'i Bio	Linda Pratt	05-Aug-03	265865	2151504	UTM Zone 5 NAD 83	1117	3665
Equisetum sp.	EquSp			Residential	Mauna Loa Estates	8th			Keali'i Bio	Linda Pratt	12-Aug-03	266498	2149211	UTM Zone 5 NAD 83	1123	3684
Eragrostis elongata	EraElo			East of HAVO	Stainback Highway	Stainback Highway	17	left	Linda Pratt		24-Jan-05	260706	2164215	UTM Zone 5 NAD 83	1434	4705
Eragrostis elongata	EraElo			HAVO	Highway 11	Highway 11	31	mauka	Linda Pratt		18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009
Erigeron karvinskianus	EriKar			HAVO	Crater Rim Rd	Crater Rim Rd	0	both	Linda Pratt	Keali'i Bio	23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Erigeron karvinskianus	EriKar			HAVO	Crater Rim Rd	Crater Rim Rd	10	right	Linda Pratt		23-Jul-01	263738	2149287	UTM Zone 5 NAD 83	1181	3875
Erigeron karvinskianus	EriKar			HAVO	Highway 11	Highway 11	27	both	Keali'i Bio	Linda Pratt	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Erigeron karvinskianus	EriKar			HAVO	Highway 11	Highway 11	28	both	Keali'i Bio	Robert Yamanoha	21-May-01	263792	2149317	UTM Zone 5 NAD 83	1182	3878
Erigeron karvinskianus	EriKar			HAVO	Highway 11	Highway 11	67	makai	Keali'i Bio		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Erigeron karvinskianus	EriKar			HAVO	Wright Rd	Wright Rd	4	left	Linda Pratt		06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Erigeron karvinskianus	EriKar			Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264300	2151658	UTM Zone 5 NAD 83	1172	3845
Eriobotrya japonica	EriJap			East of HAVO	Highway 130	Highway 130	19	right	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Eriobotrya japonica	EriJap			HAVO	Highway 11	Highway 11	26	makai	Keali'i Bio		17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Eriobotrya japonica	EriJap			HAVO	Highway 11	Highway 11	67	mauka	Laura Nelson		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Eriobotrya japonica	EriJap			HAVO	Highway 11	Highway 11	68	both	Keali'i Bio	Laura Nelson	03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Eriobotrya japonica	EriJap			HAVO	Highway 11	Highway 11	69	both	Keali'i Bio	Laura Nelson	03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Eriobotrya japonica	EriJap			HAVO	Highway 11	Highway 11	70	left	Laura Nelson		03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Eriobotrya japonica	EriJap			HAVO	Highway 11	Highway 11	80	mauka	Keali'i Bio		20-Mar-02	204197	2114294	UTM Zone 5 NAD 83	583	1913
Eriobotrya japonica	EriJap			HAVO	Highway 11	Highway 11	81	both	Keali'i Bio	Laura Nelson	20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Eriobotrya japonica	EriJap			HAVO	Wright Rd	Wright Rd	4	left	Linda Pratt		06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Eucalyptus robusta	EucRob			East of HAVO	Highway 130	Highway 130	11	left	Linda Pratt		19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Eucalyptus robusta	EucRob			East of HAVO	Highway 130	Highway 130	16	right	Keali'i Bio		19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Eucalyptus robusta	EucRob			East of HAVO	Stainback Highway	Stainback Highway	9	left	Linda Pratt		24-Jan-05	272678	2166769	UTM Zone 5 NAD 83	694	2277
Eucalyptus robusta	EucRob			East of HAVO	Stainback Highway	Stainback Highway	13	left	Linda Pratt		24-Jan-05	266627	2165328	UTM Zone 5 NAD 83	1032	3386
Eucalyptus spp.	EucSpp			East of HAVO	Stainback Highway	Stainback Highway	9	right	Keali'i Bio		24-Jan-05	272678	2166769	UTM Zone 5 NAD 83	694	2277
Eucalyptus spp.	EucSpp			East of HAVO	Stainback Highway	Stainback Highway	10	right	Keali'i Bio		24-Jan-05	271239	2166177	UTM Zone 5 NAD 83	793	2602
Eucalyptus spp.	EucSpp			East of HAVO	Stainback Highway	Stainback Highway	14	right	Keali'i Bio		24-Jan-05	265311	2164578	UTM Zone 5 NAD 83	1130	3707
Eucalyptus spp.	EucSpp			East of HAVO	Stainback Highway	Stainback Highway	17	left	Linda Pratt		24-Jan-05	260706	2164215	UTM Zone 5 NAD 83	1434	4705
Eucalyptus spp.	EucSpp			HAVO	Highway 11	Highway 11	66	both	Keali'i Bio	Laura Nelson	16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Eucalyptus spp.	EucSpp			HAVO	Highway 11	Highway 11	67	mauka	Laura Nelson		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Eucalyptus spp.	EucSpp			HAVO	Highway 11	Highway 11	67	mauka	Laura Nelson		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Eucalyptus spp.	EucSpp			HAVO	Highway 11	Highway 11	67	makai	Keali'i Bio		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447

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Eucalyptus spp.	EucSpp			HAVO	Highway 11	Highway 11	68	both	Keali'i Bio	Laura Nelson	03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Eucalyptus spp.	EucSpp			HAVO	Highway 11	Highway 11	68	right	Keali'i Bio		03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Eucalyptus spp.	EucSpp			HAVO	Highway 11	Highway 11	69	both	Keali'i Bio	Laura Nelson	03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Eucalyptus spp.	EucSpp			HAVO	Highway 11	Highway 11	69	right	Keali'i Bio		03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Eucalyptus spp.	EucSpp			HAVO	Highway 11	Highway 11	70	both	Keali'i Bio	Laura Nelson	03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Eucalyptus spp.	EucSpp			HAVO	Highway 11	Highway 11	71	left	Laura Nelson		03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047
Eucalyptus spp.	EucSpp			HAVO	Highway 11	Highway 11	71	both	Keali'i Bio	Laura Nelson	03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047
Eucalyptus spp.	EucSpp			HAVO	Highway 11	Highway 11	75	right	Keali'i Bio		02-Apr-02	211522	2111153	UTM Zone 5 NAD 83	596	1955
Eucalyptus spp.	EucSpp			HAVO	Highway 11	Highway 11	76	right	Keali'i Bio		02-Apr-02	210081	2111710	UTM Zone 5 NAD 83	594	1949
Eucalyptus spp.	EucSpp			HAVO	Highway 11	Highway 11	76	right	Keali'i Bio		02-Apr-02	210081	2111710	UTM Zone 5 NAD 83	594	1949
Eucalyptus spp.	EucSpp			HAVO	Highway 11	Highway 11	77	right	Keali'i Bio		02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Eucalyptus spp.	EucSpp			HAVO	Highway 11	Highway 11	78	right	Keali'i Bio		02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Eucalyptus spp.	EucSpp			HAVO	Mauna Loa Rd	Mauna Loa Rd	0	both	Linda Pratt		20-Jun-01	260232	2150037	UTM Zone 5 NAD 83	1228	4029
Eucalyptus spp.	EucSpp			HAVO	Wright Rd	Wright Rd	0	both	Keali'i Bio	Linda Pratt	06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Eucalyptus spp.	EucSpp			HAVO	Wright Rd	Wright Rd	1	left	Linda Pratt		06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Falcataria moluccana	FalMol			East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Falcataria moluccana	FalMol			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Falcataria moluccana	FalMol			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Falcataria moluccana	FalMol			East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Falcataria moluccana	FalMol			East of HAVO	Highway 130	Highway 130	15	right	Keali'i Bio		19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Falcataria moluccana	FalMol			East of HAVO	Highway 130	Highway 130	16	both	Keali'i Bio	Linda Pratt	19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Falcataria moluccana	FalMol			East of HAVO	Highway 130	Highway 130	17	both	Keali'i Bio	Linda Pratt	19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Falcataria moluccana	FalMol			East of HAVO	Highway 130	Highway 130	18	right	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Falcataria moluccana	FalMol			HAVO	Highway 11	Highway 11	44	mauka	Keali'i Bio		30-May-01	245606	2135157	UTM Zone 5 NAD 83	682	2238
Falcataria moluccana	FalMol			HAVO	Highway 11	Highway 11	45	mauka	Keali'i Bio		30-May-01	244911	2133713	UTM Zone 5 NAD 83	628	2060
Falcataria moluccana	FalMol			HAVO	Highway 11	Highway 11	46	both	Keali'i Bio	Robert Yamanoha	30-May-01	244057	2132365	UTM Zone 5 NAD 83	586	1923
Falcataria moluccana	FalMol			HAVO	Highway 11	Highway 11	49	mauka	Keali'i Bio		04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Falcataria moluccana	FalMol			Residential	Volcano Golf Course	Piimauna			Keali'i Bio	Linda Pratt	12-Aug-03	260714	2151220	UTM Zone 5 NAD 83	1223	4012
Ficus elastica	FicEla			East of HAVO	Highway 130	Highway 130	17	right	Keali'i Bio		19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Ficus elastica	FicEla			Residential	Volcano Village	Kalani Honua			Keali'i Bio	Linda Pratt	05-Aug-03	265018	2150400	UTM Zone 5 NAD 83	1142	3747
Ficus elastica	FicEla			Residential	Volcano Village	Kilauea			Keali'i Bio	Linda Pratt	05-Aug-03	264649	2149873	UTM Zone 5 NAD 83	1162	3812
Ficus microcarpa	FicMic			Y East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Ficus microcarpa	FicMic			Y East of HAVO	Highway 130	Highway 130	12	right	Keali'i Bio		19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Ficus microcarpa	FicMic			Y East of HAVO	Highway 130	Highway 130	16	both	Keali'i Bio	Linda Pratt	19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Ficus microcarpa	FicMic			Y East of HAVO	Highway 130	Highway 130	17	right	Keali'i Bio		19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Ficus microcarpa	FicMic			Y HAVO	Highway 11	Highway 11	65	both	Keali'i Bio	Laura Nelson	16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Ficus microcarpa	FicMic			Y HAVO	Highway 11	Highway 11	69	left	Laura Nelson		03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Ficus microcarpa	FicMic			Y Residential	Mauna Loa Estates	4th			Keali'i Bio	Linda Pratt	12-Aug-03	267267	2150381	UTM Zone 5 NAD 83	1074	3524
Flindersia brayleyana	FliBra			Y East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Flindersia brayleyana	FliBra			Y East of HAVO	Highway 130	Highway 130	12	left	Linda Pratt		19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Flindersia brayleyana	FliBra			Y East of HAVO	Highway 130	Highway 130	13	left	Linda Pratt		19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Flindersia brayleyana	FliBra			Y HAVO	Highway 11	Highway 11	81	makai	Laura Nelson		20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Fraxinus uhdei	FraUhd			East of HAVO	Stainback Highway	Stainback Highway	9	both	Keali'i Bio	Linda Pratt	24-Jan-05	272678	2166769	UTM Zone 5 NAD 83	694	2277
Fraxinus uhdei	FraUhd			East of HAVO	Stainback Highway	Stainback Highway	10	both	Keali'i Bio	Linda Pratt	24-Jan-05	271239	2166177	UTM Zone 5 NAD 83	793	2602
Fraxinus uhdei	FraUhd			East of HAVO	Stainback Highway	Stainback Highway	11	both	Keali'i Bio	Linda Pratt	24-Jan-05	269708	2165751	UTM Zone 5 NAD 83	882	2894
Fraxinus uhdei	FraUhd			East of HAVO	Stainback Highway	Stainback Highway	12	both	Keali'i Bio	Linda Pratt	24-Jan-05	268168	2165427	UTM Zone 5 NAD 83	954	3130
Fraxinus uhdei	FraUhd			East of HAVO	Stainback Highway	Stainback Highway	13	both	Keali'i Bio	Linda Pratt	24-Jan-05	266627	2165328	UTM Zone 5 NAD 83	1032	3386
Fraxinus uhdei	FraUhd			East of HAVO	Stainback Highway	Stainback Highway	14	both	Keali'i Bio	Linda Pratt	24-Jan-05	265311	2164578	UTM Zone 5 NAD 83	1130	3707
Fraxinus uhdei	FraUhd			East of HAVO	Stainback Highway	Stainback Highway	15	right	Keali'i Bio		24-Jan-05	263807	2164694	UTM Zone 5 NAD 83	1213	3980
Fraxinus uhdei	FraUhd			East of HAVO	Stainback Highway	Stainback Highway	16	both	Keali'i Bio	Linda Pratt	24-Jan-05	262244	2164420	UTM Zone 5 NAD 83	1328	4357
Fraxinus uhdei	FraUhd			Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264690	2150983	UTM Zone 5 NAD 83	1158	3799

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Fuchsia magellanica	FucMag			East of HAVO	Stainback Highway	Stainback Highway	10	both	Keali'i Bio	Linda Pratt	24-Jan-05	271239	2166177	UTM Zone 5 NAD 83	793	2602
Fuchsia magellanica	FucMag			East of HAVO	Stainback Highway	Stainback Highway	11	both	Keali'i Bio	Linda Pratt	24-Jan-05	269708	2165751	UTM Zone 5 NAD 83	882	2894
Fuchsia magellanica	FucMag			East of HAVO	Stainback Highway	Stainback Highway	12	both	Keali'i Bio	Linda Pratt	24-Jan-05	268168	2165427	UTM Zone 5 NAD 83	954	3130
Fuchsia magellanica	FucMag			East of HAVO	Stainback Highway	Stainback Highway	13	both	Keali'i Bio	Linda Pratt	24-Jan-05	266627	2165328	UTM Zone 5 NAD 83	1032	3386
Fuchsia magellanica	FucMag			East of HAVO	Stainback Highway	Stainback Highway	14	both	Keali'i Bio	Linda Pratt	24-Jan-05	265311	2164578	UTM Zone 5 NAD 83	1130	3707
Fuchsia magellanica	FucMag			East of HAVO	Stainback Highway	Stainback Highway	15	both	Keali'i Bio	Linda Pratt	24-Jan-05	263807	2164694	UTM Zone 5 NAD 83	1213	3980
Fuchsia magellanica	FucMag			East of HAVO	Stainback Highway	Stainback Highway	16	right	Keali'i Bio		24-Jan-05	262244	2164420	UTM Zone 5 NAD 83	1328	4357
Fuchsia magellanica	FucMag			East of HAVO	Stainback Highway	Stainback Highway	18	both	Keali'i Bio	Linda Pratt	24-Jan-05	259274	2163747	UTM Zone 5 NAD 83	1528	5013
Fuchsia paniculata	FucPan			Residential	Mauna Loa Estates	4th			Keali'i Bio	Linda Pratt	12-Aug-03	267267	2150381	UTM Zone 5 NAD 83	1074	3524
Fuchsia paniculata	FucPan			Residential	Volcano Golf Course	Kolokea			Keali'i Bio	Linda Pratt	12-Aug-03	260806	2152014	UTM Zone 5 NAD 83	1227	4026
Fuchsia paniculata	FucPan			Residential	Volcano Village	Kalani Honua			Keali'i Bio	Linda Pratt	05-Aug-03	265018	2150400	UTM Zone 5 NAD 83	1142	3747
Fuchsia paniculata	FucPan			Residential	Volcano Village	Road B			Keali'i Bio	Linda Pratt	05-Aug-03	265452	2151277	UTM Zone 5 NAD 83	1135	3724
Fuchsia paniculata	FucPan			Residential	Volcano Village	Road C			Keali'i Bio	Linda Pratt	05-Aug-03	265199	2151994	UTM Zone 5 NAD 83	1137	3730
Fuchsia paniculata	FucPan			Residential	Volcano Village	Road D			Keali'i Bio	Linda Pratt	05-Aug-03	265712	2151426	UTM Zone 5 NAD 83	1125	3691
Grevillea banksii**	GreBan			HAVO	Highway 11	Highway 11	42	makai	Robert Yamanoha		30-May-01	247211	2137934	UTM Zone 5 NAD 83	754	2474
Grevillea banksii**	GreBan			HAVO	Highway 11	Highway 11	45	makai	Robert Yamanoha		30-May-01	244911	2133713	UTM Zone 5 NAD 83	628	2060
Grevillea banksii**	GreBan			HAVO	Highway 11	Highway 11	46	both	Keali'i Bio	Robert Yamanoha	30-May-01	244057	2132365	UTM Zone 5 NAD 83	586	1923
Grevillea banksii**	GreBan			HAVO	Highway 11	Highway 11	47	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699
Grevillea banksii**	GreBan			HAVO	Highway 11	Highway 11	48	mauka	Keali'i Bio		04-Jun-01	242779	2129420	UTM Zone 5 NAD 83	483	1585
Grevillea robusta	GreRob			East of HAVO	Highway 130	Highway 130	19	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Grevillea robusta	GreRob			HAVO	Highway 11	Highway 11	37	mauka	Keali'i Bio		21-May-01	252204	2144180	UTM Zone 5 NAD 83	960	3150
Grevillea robusta	GreRob			HAVO	Highway 11	Highway 11	38	mauka	Keali'i Bio		21-May-01	251039	2143084	UTM Zone 5 NAD 83	919	3015
Grevillea robusta	GreRob			HAVO	Highway 11	Highway 11	39	both	Keali'i Bio	Robert Yamanoha	21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
Grevillea robusta	GreRob			HAVO	Highway 11	Highway 11	40	both	Keali'i Bio	Robert Yamanoha	21-May-01	248932	2140652	UTM Zone 5 NAD 83	847	2779
Grevillea robusta	GreRob			HAVO	Highway 11	Highway 11	41	both	Keali'i Bio	Robert Yamanoha	21-May-01	248047	2139309	UTM Zone 5 NAD 83	803	2635
Grevillea robusta	GreRob			HAVO	Highway 11	Highway 11	42	both	Keali'i Bio	Robert Yamanoha	30-May-01	247211	2137934	UTM Zone 5 NAD 83	754	2474
Grevillea robusta	GreRob			HAVO	Highway 11	Highway 11	43	both	Keali'i Bio	Robert Yamanoha	30-May-01	246380	2136565	UTM Zone 5 NAD 83	726	2382
Grevillea robusta	GreRob			HAVO	Highway 11	Highway 11	44	both	Keali'i Bio	Robert Yamanoha	30-May-01	245606	2135157	UTM Zone 5 NAD 83	682	2238
Grevillea robusta	GreRob			HAVO	Highway 11	Highway 11	45	both	Keali'i Bio	Robert Yamanoha	30-May-01	244911	2133713	UTM Zone 5 NAD 83	628	2060
Grevillea robusta	GreRob			HAVO	Highway 11	Highway 11	46	both	Keali'i Bio	Robert Yamanoha	30-May-01	244057	2132365	UTM Zone 5 NAD 83	586	1923
Grevillea robusta	GreRob			HAVO	Highway 11	Highway 11	47	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699
Grevillea robusta	GreRob			HAVO	Highway 11	Highway 11	48	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	242779	2129420	UTM Zone 5 NAD 83	483	1585
Grevillea robusta	GreRob			HAVO	Highway 11	Highway 11	49	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Grevillea robusta	GreRob			HAVO	Highway 11	Highway 11	65	makai	Keali'i Bio		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Grevillea robusta	GreRob			HAVO	Highway 11	Highway 11	66	both	Keali'i Bio	Laura Nelson	16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Grevillea robusta	GreRob			HAVO	Highway 11	Highway 11	67	both	Keali'i Bio	Laura Nelson	16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Grevillea robusta	GreRob			HAVO	Highway 11	Highway 11	68	both	Keali'i Bio	Laura Nelson	03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Grevillea robusta	GreRob			HAVO	Highway 11	Highway 11	69	both	Keali'i Bio	Laura Nelson	03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Grevillea robusta	GreRob			HAVO	Highway 11	Highway 11	70	right	Keali'i Bio		03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Grevillea robusta	GreRob			HAVO	Highway 11	Highway 11	73	left	Laura Nelson		02-Apr-02	214329	2110073	UTM Zone 5 NAD 83	597	1959
Grevillea robusta	GreRob			HAVO	Highway 11	Highway 11	76	both	Keali'i Bio	Laura Nelson	02-Apr-02	210081	2111710	UTM Zone 5 NAD 83	594	1949
Grevillea robusta	GreRob			HAVO	Highway 11	Highway 11	77	right	Keali'i Bio		02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Grevillea robusta	GreRob			HAVO	Highway 11	Highway 11	78	right	Keali'i Bio		02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Grevillea robusta	GreRob			HAVO	Wright Rd	Wright Rd	0	left	Linda Pratt		06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Grevillea robusta	GreRob			Residential	Mauna Loa Estates	1st			Keali'i Bio	Linda Pratt	12-Aug-03	266167	2150096	UTM Zone 5 NAD 83	1117	3665
Grevillea robusta	GreRob			Residential	Volcano Golf Course	Kaekaha			Keali'i Bio	Linda Pratt	12-Aug-03	260497	2151315	UTM Zone 5 NAD 83	1219	3999
Grevillea robusta	GreRob			Residential	Volcano Village	Kilauea			Keali'i Bio	Linda Pratt	05-Aug-03	265390	2150283	UTM Zone 5 NAD 83	1134	3720
Grevillea robusta	GreRob			Residential	Volcano Village	Laukapu			Keali'i Bio	Linda Pratt	05-Aug-03	265865	2151504	UTM Zone 5 NAD 83	1117	3665
Grevillea robusta	GreRob			Residential	Volcano Village	Old Volcano Hwy			Keali'i Bio	Linda Pratt	05-Aug-03	265216	2149679	UTM Zone 5 NAD 83	1143	3750
Grevillea robusta	GreRob			Residential	Volcano Village	Road D			Keali'i Bio	Linda Pratt	05-Aug-03	265712	2151426	UTM Zone 5 NAD 83	1125	3691
Hebe speciosa	HebSpe			HAVO	Crater Rim Rd	Crater Rim Rd	0	both	Linda Pratt	Keali'i Bio	23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944

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Hebe speciosa	HebSpe			Residential	Mauna Loa Estates	4th			Keali'i Bio	Linda Pratt	12-Aug-03	267267	2150381	UTM Zone 5 NAD 83	1074	3524
Hebe speciosa	HebSpe			Residential	Mauna Loa Estates	Ruby			Keali'i Bio	Linda Pratt	05-Aug-03	266531	2150362	UTM Zone 5 NAD 83	1101	3612
Hebe speciosa	HebSpe			Residential	Volcano Village	Kalani Honua			Keali'i Bio	Linda Pratt	05-Aug-03	264556	2150447	UTM Zone 5 NAD 83	1165	3822
Hebe speciosa	HebSpe			Residential	Volcano Village	Road B			Keali'i Bio	Linda Pratt	05-Aug-03	265452	2151277	UTM Zone 5 NAD 83	1135	3724
Hedera helix	HedHel			HAVO	Wright Rd	Wright Rd	0	both	Keali'i Bio	Linda Pratt	06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Hedera helix	HedHel			HAVO	Wright Rd	Wright Rd	1	both	Keali'i Bio	Linda Pratt	06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Hedera helix	HedHel			HAVO	Wright Rd	Wright Rd	3	both	Keali'i Bio	Linda Pratt	06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Hedera helix	HedHel			HAVO	Wright Rd	Wright Rd	4	both	Keali'i Bio	Linda Pratt	06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Hedera helix	HedHel			Residential	Mauna Loa Estates	1st			Keali'i Bio	Linda Pratt	12-Aug-03	266167	2150096	UTM Zone 5 NAD 83	1117	3665
Hedera helix	HedHel			Residential	Mauna Loa Estates	2nd			Keali'i Bio	Linda Pratt	12-Aug-03	267113	2150594	UTM Zone 5 NAD 83	1077	3533
Hedera helix	HedHel			Residential	Mauna Loa Estates	3rd			Keali'i Bio	Linda Pratt	12-Aug-03	266174	2149775	UTM Zone 5 NAD 83	1122	3681
Hedera helix	HedHel			Residential	Mauna Loa Estates	6th			Keali'i Bio	Linda Pratt	12-Aug-03	267422	2150179	UTM Zone 5 NAD 83	1063	3488
Hedera helix	HedHel			Residential	Mauna Loa Estates	7th			Keali'i Bio	Linda Pratt	12-Aug-03	266470	2149349	UTM Zone 5 NAD 83	1121	3678
Hedera helix	HedHel			Residential	Mauna Loa Estates	8th			Keali'i Bio	Linda Pratt	12-Aug-03	266498	2149211	UTM Zone 5 NAD 83	1123	3684
Hedera helix	HedHel			Residential	Mauna Loa Estates	Ruby			Keali'i Bio	Linda Pratt	05-Aug-03	266531	2150362	UTM Zone 5 NAD 83	1101	3612
Hedera helix	HedHel			Residential	Volcano Golf Course	Painiu			Keali'i Bio	Linda Pratt	12-Aug-03	260928	2151431	UTM Zone 5 NAD 83	1226	4022
Hedera helix	HedHel			Residential	Volcano Golf Course	Pukiawe Circle W			Keali'i Bio	Linda Pratt	12-Aug-03	260317	2151596	UTM Zone 5 NAD 83	1223	4012
Hedera helix	HedHel			Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264300	2151658	UTM Zone 5 NAD 83	1172	3845
Hedera helix	HedHel			Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264690	2150983	UTM Zone 5 NAD 83	1158	3799
Hedera helix	HedHel			Residential	Volcano Village	I'wi Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	263829	2151195	UTM Zone 5 NAD 83	1195	3921
Hedera helix	HedHel			Residential	Volcano Village	I'wi Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264670	2149864	UTM Zone 5 NAD 83	1161	3809
Hedera helix	HedHel			Residential	Volcano Village	I'wi Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264207	2150551	UTM Zone 5 NAD 83	1180	3871
Hedera helix	HedHel			Residential	Volcano Village	Kalani Honua			Keali'i Bio	Linda Pratt	05-Aug-03	265018	2150400	UTM Zone 5 NAD 83	1142	3747
Hedera helix	HedHel			Residential	Volcano Village	Kalanikoa			Keali'i Bio	Linda Pratt	05-Aug-03	264726	2149897	UTM Zone 5 NAD 83	1160	3806
Hedera helix	HedHel			Residential	Volcano Village	Kilauea			Keali'i Bio	Linda Pratt	05-Aug-03	264649	2149873	UTM Zone 5 NAD 83	1162	3812
Hedera helix	HedHel			Residential	Volcano Village	Laukapu			Keali'i Bio	Linda Pratt	05-Aug-03	265110	2151069	UTM Zone 5 NAD 83	1145	3757
Hedera helix	HedHel			Residential	Volcano Village	Laukapu			Keali'i Bio	Linda Pratt	05-Aug-03	265865	2151504	UTM Zone 5 NAD 83	1117	3665
Hedera helix	HedHel			Residential	Volcano Village	Old Volcano Hwy			Keali'i Bio	Linda Pratt	05-Aug-03	265216	2149679	UTM Zone 5 NAD 83	1143	3750
Hedera helix	HedHel			Residential	Volcano Village	Old Volcano Hwy			Keali'i Bio	Linda Pratt	05-Aug-03	265876	2150043	UTM Zone 5 NAD 83	1127	3698
Hedera helix	HedHel			Residential	Volcano Village	Road B			Keali'i Bio	Linda Pratt	05-Aug-03	265452	2151277	UTM Zone 5 NAD 83	1135	3724
Hedera helix	HedHel			Residential	Volcano Village	Road C			Keali'i Bio	Linda Pratt	05-Aug-03	265199	2151994	UTM Zone 5 NAD 83	1137	3730
Hedychium coronarium	HedCor			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Hedychium coronarium	HedCor			East of HAVO	Stainback Highway	Stainback Highway	17	right	Keali'i Bio		24-Jan-05	260706	2164215	UTM Zone 5 NAD 83	1434	4705
Hedychium coronarium	HedCor			HAVO	Highway 11	Highway 11	24	makai	Keali'i Bio		17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Hedychium coronarium	HedCor			HAVO	Highway 11	Highway 11	26	makai	Keali'i Bio		17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Hedychium coronarium	HedCor			HAVO	Highway 11	Highway 11	27	mauka	Linda Pratt	Robert Yamanoha	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Hedychium coronarium	HedCor			HAVO	Highway 11	Highway 11	28	mauka	Keali'i Bio		21-May-01	263792	2149317	UTM Zone 5 NAD 83	1182	3878
Hedychium coronarium	HedCor			HAVO	Highway 11	Highway 11	47	mauka	Keali'i Bio		04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699
Hedychium coronarium	HedCor			HAVO	Highway 11	Highway 11	49	mauka	Keali'i Bio		04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Hedychium coronarium	HedCor			HAVO	Highway 11	Highway 11	68	left	Laura Nelson		03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Hedychium coronarium	HedCor			HAVO	Highway 11	Highway 11	69	left	Laura Nelson		03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Hedychium coronarium	HedCor			HAVO	Highway 11	Highway 11	70	left	Laura Nelson		03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Hedychium coronarium	HedCor			HAVO	Wright Rd	Wright Rd	0	left	Linda Pratt		06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Hedychium coronarium	HedCor			HAVO	Wright Rd	Wright Rd	1	both	Keali'i Bio	Linda Pratt	06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Hedychium coronarium	HedCor			HAVO	Wright Rd	Wright Rd	2	left	Linda Pratt		06-Oct-03	264381	2152867	UTM Zone 5 NAD 83	1161	3809
Hedychium coronarium	HedCor			Residential	Mauna Loa Estates	10th			Keali'i Bio	Linda Pratt	05-Aug-03	267706	2149734	UTM Zone 5 NAD 83	1070	3510
Hedychium coronarium	HedCor			Residential	Mauna Loa Estates	12th			Keali'i Bio	Linda Pratt	05-Aug-03	267613	2149349	UTM Zone 5 NAD 83	1084	3556
Hedychium coronarium	HedCor			Residential	Mauna Loa Estates	13th			Keali'i Bio	Linda Pratt	05-Aug-03	267308	2148966	UTM Zone 5 NAD 83	1095	3593
Hedychium coronarium	HedCor			Residential	Mauna Loa Estates	1st			Keali'i Bio	Linda Pratt	12-Aug-03	266167	2150096	UTM Zone 5 NAD 83	1117	3665
Hedychium coronarium	HedCor			Residential	Mauna Loa Estates	2nd			Keali'i Bio	Linda Pratt	12-Aug-03	267113	2150594	UTM Zone 5 NAD 83	1077	3533
Hedychium coronarium	HedCor			Residential	Mauna Loa Estates	3rd			Keali'i Bio	Linda Pratt	12-Aug-03	266174	2149775	UTM Zone 5 NAD 83	1122	3681

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Hedychium coronarium	HedCor			Residential	Mauna Loa Estates	4th			Keali'i Bio	Linda Pratt	12-Aug-03	267267	2150381	UTM Zone 5 NAD 83	1074	3524
Hedychium coronarium	HedCor			Residential	Mauna Loa Estates	5th			Keali'i Bio	Linda Pratt	12-Aug-03	266327	2149568	UTM Zone 5 NAD 83	1120	3675
Hedychium coronarium	HedCor			Residential	Mauna Loa Estates	7th			Keali'i Bio	Linda Pratt	12-Aug-03	266470	2149349	UTM Zone 5 NAD 83	1121	3678
Hedychium coronarium	HedCor			Residential	Mauna Loa Estates	8th			Keali'i Bio	Linda Pratt	12-Aug-03	266498	2149211	UTM Zone 5 NAD 83	1123	3684
Hedychium coronarium	HedCor			Residential	Mauna Loa Estates	9th			Keali'i Bio	Linda Pratt	05-Aug-03	266599	2149121	UTM Zone 5 NAD 83	1119	3671
Hedychium coronarium	HedCor			Residential	Mauna Loa Estates	Jade			Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Hedychium coronarium	HedCor			Residential	Mauna Loa Estates	Pearl			Keali'i Bio	Linda Pratt	05-Aug-03	266271	2150161	UTM Zone 5 NAD 83	1113	3652
Hedychium coronarium	HedCor			Residential	Mauna Loa Estates	Pearl			Keali'i Bio	Linda Pratt	05-Aug-03	267039	2149092	UTM Zone 5 NAD 83	1108	3635
Hedychium coronarium	HedCor			Residential	Mauna Loa Estates	Ruby			Keali'i Bio	Linda Pratt	05-Aug-03	266531	2150362	UTM Zone 5 NAD 83	1101	3612
Hedychium coronarium	HedCor			Residential	Volcano Golf Course	Kanawao			Keali'i Bio	Linda Pratt	12-Aug-03	260269	2151514	UTM Zone 5 NAD 83	1221	4006
Hedychium coronarium	HedCor			Residential	Volcano Golf Course	Painiu			Keali'i Bio	Linda Pratt	12-Aug-03	260928	2151431	UTM Zone 5 NAD 83	1226	4022
Hedychium coronarium	HedCor			Residential	Volcano Golf Course	Popohau			Keali'i Bio	Linda Pratt	12-Aug-03	260694	2151250	UTM Zone 5 NAD 83	1223	4012
Hedychium coronarium	HedCor			Residential	Volcano Golf Course	Pukiawe Circle W			Keali'i Bio	Linda Pratt	12-Aug-03	260317	2151596	UTM Zone 5 NAD 83	1223	4012
Hedychium coronarium	HedCor			Residential	Volcano Village	Elepaio			Keali'i Bio	Linda Pratt	05-Aug-03	264484	2151364	UTM Zone 5 NAD 83	1170	3839
Hedychium coronarium	HedCor			Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264690	2150983	UTM Zone 5 NAD 83	1158	3799
Hedychium coronarium	HedCor			Residential	Volcano Village	I'wi Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	263829	2151195	UTM Zone 5 NAD 83	1195	3921
Hedychium coronarium	HedCor			Residential	Volcano Village	I'wi Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264207	2150551	UTM Zone 5 NAD 83	1180	3871
Hedychium coronarium	HedCor			Residential	Volcano Village	I'wi Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264670	2149864	UTM Zone 5 NAD 83	1161	3809
Hedychium coronarium	HedCor			Residential	Volcano Village	Kalani Honua			Keali'i Bio	Linda Pratt	05-Aug-03	264556	2150447	UTM Zone 5 NAD 83	1165	3822
Hedychium coronarium	HedCor			Residential	Volcano Village	Kalani Honua			Keali'i Bio	Linda Pratt	05-Aug-03	265018	2150400	UTM Zone 5 NAD 83	1142	3747
Hedychium coronarium	HedCor			Residential	Volcano Village	Kilauea			Keali'i Bio	Linda Pratt	05-Aug-03	265390	2150283	UTM Zone 5 NAD 83	1134	3720
Hedychium coronarium	HedCor			Residential	Volcano Village	Laukapu			Keali'i Bio	Linda Pratt	05-Aug-03	265110	2151069	UTM Zone 5 NAD 83	1145	3757
Hedychium coronarium	HedCor			Residential	Volcano Village	Laukapu			Keali'i Bio	Linda Pratt	05-Aug-03	265865	2151504	UTM Zone 5 NAD 83	1117	3665
Hedychium coronarium	HedCor			Residential	Volcano Village	Road B			Keali'i Bio	Linda Pratt	05-Aug-03	265452	2151277	UTM Zone 5 NAD 83	1135	3724
Hedychium coronarium	HedCor			Residential	Volcano Village	Road C			Keali'i Bio	Linda Pratt	05-Aug-03	265199	2151994	UTM Zone 5 NAD 83	1137	3730
Hedychium coronarium	HedCor			Residential	Volcano Village	Road D			Keali'i Bio	Linda Pratt	05-Aug-03	265712	2151426	UTM Zone 5 NAD 83	1125	3691
Hedychium coronarium	HedCor			Residential	Volcano Village	Road E			Keali'i Bio	Linda Pratt	05-Aug-03	265470	2152152	UTM Zone 5 NAD 83	1129	3704
Hedychium flavescens	HedFla			East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Hedychium flavescens	HedFla			East of HAVO	Highway 130	Highway 130	12	right	Keali'i Bio		19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Hedychium flavescens	HedFla			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Hedychium flavescens	HedFla			East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Hedychium flavescens	HedFla			East of HAVO	Highway 130	Highway 130	15	left	Linda Pratt		19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Hedychium flavescens	HedFla			East of HAVO	Highway 130	Highway 130	17	both	Keali'i Bio	Linda Pratt	19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Hedychium flavescens	HedFla			East of HAVO	Stainback Highway	Stainback Highway	9	right	Keali'i Bio		24-Jan-05	272678	2166769	UTM Zone 5 NAD 83	694	2277
Hedychium flavescens	HedFla			East of HAVO	Stainback Highway	Stainback Highway	10	both	Keali'i Bio	Linda Pratt	24-Jan-05	271239	2166177	UTM Zone 5 NAD 83	793	2602
Hedychium flavescens	HedFla			East of HAVO	Stainback Highway	Stainback Highway	11	left	Linda Pratt		24-Jan-05	269708	2165751	UTM Zone 5 NAD 83	882	2894
Hedychium flavescens	HedFla			East of HAVO	Stainback Highway	Stainback Highway	12	both	Keali'i Bio	Linda Pratt	24-Jan-05	268168	2165427	UTM Zone 5 NAD 83	954	3130
Hedychium flavescens	HedFla			East of HAVO	Stainback Highway	Stainback Highway	13	both	Keali'i Bio	Linda Pratt	24-Jan-05	266627	2165328	UTM Zone 5 NAD 83	1032	3386
Hedychium flavescens	HedFla			East of HAVO	Stainback Highway	Stainback Highway	14	both	Keali'i Bio	Linda Pratt	24-Jan-05	265311	2164578	UTM Zone 5 NAD 83	1130	3707
Hedychium flavescens	HedFla			East of HAVO	Stainback Highway	Stainback Highway	15	left	Linda Pratt		24-Jan-05	263807	2164694	UTM Zone 5 NAD 83	1213	3980
Hedychium flavescens	HedFla			East of HAVO	Stainback Highway	Stainback Highway	16	left	Linda Pratt		24-Jan-05	262244	2164420	UTM Zone 5 NAD 83	1328	4357
Hedychium flavescens	HedFla			East of HAVO	Stainback Highway	Stainback Highway	17	left	Linda Pratt		24-Jan-05	260706	2164215	UTM Zone 5 NAD 83	1434	4705
Hedychium flavescens	HedFla			East of HAVO	Stainback Highway	Stainback Highway	18	right	Keali'i Bio		24-Jan-05	259274	2163747	UTM Zone 5 NAD 83	1528	5013
Hedychium flavescens	HedFla			HAVO	Crater Rim Rd	Crater Rim Rd	0	both	Linda Pratt	Keali'i Bio	23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Hedychium flavescens	HedFla			HAVO	Crater Rim Rd	Crater Rim Rd	1	right	Keali'i Bio		23-Jul-01	261717	2150216	UTM Zone 5 NAD 83	1210	3970
Hedychium flavescens	HedFla			HAVO	Highway 11	Highway 11	23	makai	Keali'i Bio		17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Hedychium flavescens	HedFla			HAVO	Highway 11	Highway 11	23	both	Keali'i Bio	Linda Pratt	17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Hedychium flavescens	HedFla			HAVO	Highway 11	Highway 11	24	mauka	Linda Pratt		17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Hedychium flavescens	HedFla			HAVO	Highway 11	Highway 11	25	mauka	Linda Pratt		17-May-01	267829	2151333	UTM Zone 5 NAD 83	1029	3376
Hedychium flavescens	HedFla			HAVO	Highway 11	Highway 11	26	both	Keali'i Bio	Linda Pratt	17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Hedychium flavescens	HedFla			HAVO	Highway 11	Highway 11	27	both	Keali'i Bio	Linda Pratt	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757

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Hedychium flavescens	HedFla			HAVO	Highway 11	Highway 11	30	both	Keali'i Bio	Linda Pratt	18-May-01	261165	2150609	UTM Zone 5 NAD 83	1226	4022
Hedychium flavescens	HedFla			HAVO	Highway 11	Highway 11	39	mauka	Keali'i Bio		21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
Hedychium flavescens	HedFla			HAVO	Highway 11	Highway 11	47	makai	Robert Yamanoha		04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699
Hedychium flavescens	HedFla			HAVO	Highway 11	Highway 11	49	makai	Robert Yamanoha		04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Hedychium flavescens	HedFla			HAVO	Highway 11	Highway 11	69	right	Keali'i Bio		03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Hedychium flavescens	HedFla			HAVO	Wright Rd	Wright Rd	0	both	Keali'i Bio	Linda Pratt	06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Hedychium flavescens	HedFla			HAVO	Wright Rd	Wright Rd	4	left	Linda Pratt		06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Hedychium gardnerianum	HedGar			HAVO	Chain of Craters Rd	Chain of Craters Rd	0	both	Keali'i Bio	Linda Pratt	31-May-01	263393	2147218	UTM Zone 5 NAD 83	1135	3724
Hedychium gardnerianum	HedGar			HAVO	Chain of Craters Rd	Chain of Craters Rd	1	both	Keali'i Bio	Linda Pratt	31-May-01	263783	2145709	UTM Zone 5 NAD 83	1107	3632
Hedychium gardnerianum	HedGar			HAVO	Crater Rim Rd	Crater Rim Rd	0	both	Linda Pratt	Keali'i Bio	23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Hedychium gardnerianum	HedGar			HAVO	Crater Rim Rd	Crater Rim Rd	1	right	Keali'i Bio		23-Jul-01	261717	2150216	UTM Zone 5 NAD 83	1210	3970
Hedychium gardnerianum	HedGar			HAVO	Crater Rim Rd	Crater Rim Rd	7	both	Linda Pratt	Keali'i Bio	23-Jul-01	262735	2147218	UTM Zone 5 NAD 83	1146	3760
Hedychium gardnerianum	HedGar			HAVO	Crater Rim Rd	Crater Rim Rd	8	both	Linda Pratt	Keali'i Bio	23-Jul-01	264190	2147608	UTM Zone 5 NAD 83	1153	3783
Hedychium gardnerianum	HedGar			HAVO	Crater Rim Rd	Crater Rim Rd	9	both	Linda Pratt	Keali'i Bio	23-Jul-01	264678	2148282	UTM Zone 5 NAD 83	1194	3917
Hedychium gardnerianum	HedGar			HAVO	Crater Rim Rd	Crater Rim Rd	10	both	Linda Pratt	Keali'i Bio	23-Jul-01	263738	2149287	UTM Zone 5 NAD 83	1181	3875
Hedychium gardnerianum	HedGar			HAVO	Highway 11	Highway 11	23	mauka	Linda Pratt		17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Hedychium gardnerianum	HedGar			HAVO	Highway 11	Highway 11	24	both	Keali'i Bio	Linda Pratt	17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Hedychium gardnerianum	HedGar			HAVO	Highway 11	Highway 11	25	both	Keali'i Bio	Linda Pratt	17-May-01	267829	2151333	UTM Zone 5 NAD 83	1029	3376
Hedychium gardnerianum	HedGar			HAVO	Highway 11	Highway 11	26	both	Keali'i Bio	Linda Pratt	17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Hedychium gardnerianum	HedGar			HAVO	Highway 11	Highway 11	27	both	Keali'i Bio	Linda Pratt	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Hedychium gardnerianum	HedGar			HAVO	Highway 11	Highway 11	28	both	Keali'i Bio	Robert Yamanoha	21-May-01	263792	2149317	UTM Zone 5 NAD 83	1182	3878
Hedychium gardnerianum	HedGar			HAVO	Highway 11	Highway 11	29	both	Keali'i Bio	Robert Yamanoha	21-May-01	262687	2150443	UTM Zone 5 NAD 83	1219	3999
Hedychium gardnerianum	HedGar			HAVO	Highway 11	Highway 11	30	makai	Linda Pratt	Steve Dougill	18-May-01	261165	2150609	UTM Zone 5 NAD 83	1226	4022
Hedychium gardnerianum	HedGar			HAVO	Highway 11	Highway 11	39	mauka	Keali'i Bio		21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
Hedychium gardnerianum	HedGar			HAVO	Highway 11	Highway 11	67	mauka	Laura Nelson		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Hedychium gardnerianum	HedGar			HAVO	Highway 11	Highway 11	68	both	Keali'i Bio	Laura Nelson	03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Hedychium gardnerianum	HedGar			HAVO	Highway 11	Highway 11	69	both	Keali'i Bio	Laura Nelson	03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Hedychium gardnerianum	HedGar			HAVO	Mauna Loa Rd	Mauna Loa Rd	0	both	Linda Pratt		20-Jun-01	260232	2150037	UTM Zone 5 NAD 83	1228	4029
Hedychium gardnerianum	HedGar			HAVO	Wright Rd	Wright Rd	0	both	Keali'i Bio	Linda Pratt	06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Hedychium gardnerianum	HedGar			HAVO	Wright Rd	Wright Rd	1	both	Keali'i Bio	Linda Pratt	06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Hedychium gardnerianum	HedGar			HAVO	Wright Rd	Wright Rd	2	both	Keali'i Bio	Linda Pratt	06-Oct-03	264381	2152867	UTM Zone 5 NAD 83	1161	3809
Hedychium gardnerianum	HedGar			HAVO	Wright Rd	Wright Rd	3	both	Keali'i Bio	Linda Pratt	06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Hedychium gardnerianum	HedGar			HAVO	Wright Rd	Wright Rd	4	both	Keali'i Bio	Linda Pratt	06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Hedychium gardnerianum	HedGar			Residential	Mauna Loa Estates	10th			Keali'i Bio	Linda Pratt	05-Aug-03	267706	2149734	UTM Zone 5 NAD 83	1070	3510
Hedychium gardnerianum	HedGar			Residential	Mauna Loa Estates	12th			Keali'i Bio	Linda Pratt	05-Aug-03	267613	2149349	UTM Zone 5 NAD 83	1084	3556
Hedychium gardnerianum	HedGar			Residential	Mauna Loa Estates	13th			Keali'i Bio	Linda Pratt	05-Aug-03	267308	2148966	UTM Zone 5 NAD 83	1095	3593
Hedychium gardnerianum	HedGar			Residential	Mauna Loa Estates	1st			Keali'i Bio	Linda Pratt	12-Aug-03	266167	2150096	UTM Zone 5 NAD 83	1117	3665
Hedychium gardnerianum	HedGar			Residential	Mauna Loa Estates	2nd			Keali'i Bio	Linda Pratt	12-Aug-03	267113	2150594	UTM Zone 5 NAD 83	1077	3533
Hedychium gardnerianum	HedGar			Residential	Mauna Loa Estates	3rd			Keali'i Bio	Linda Pratt	12-Aug-03	266174	2149775	UTM Zone 5 NAD 83	1122	3681
Hedychium gardnerianum	HedGar			Residential	Mauna Loa Estates	4th			Keali'i Bio	Linda Pratt	12-Aug-03	267267	2150381	UTM Zone 5 NAD 83	1074	3524
Hedychium gardnerianum	HedGar			Residential	Mauna Loa Estates	5th			Keali'i Bio	Linda Pratt	12-Aug-03	266327	2149568	UTM Zone 5 NAD 83	1120	3675
Hedychium gardnerianum	HedGar			Residential	Mauna Loa Estates	6th			Keali'i Bio	Linda Pratt	12-Aug-03	267422	2150179	UTM Zone 5 NAD 83	1063	3488
Hedychium gardnerianum	HedGar			Residential	Mauna Loa Estates	7th			Keali'i Bio	Linda Pratt	12-Aug-03	266470	2149349	UTM Zone 5 NAD 83	1121	3678
Hedychium gardnerianum	HedGar			Residential	Mauna Loa Estates	8th			Keali'i Bio	Linda Pratt	12-Aug-03	266498	2149211	UTM Zone 5 NAD 83	1123	3684
Hedychium gardnerianum	HedGar			Residential	Mauna Loa Estates	9th			Keali'i Bio	Linda Pratt	05-Aug-03	266599	2149121	UTM Zone 5 NAD 83	1119	3671
Hedychium gardnerianum	HedGar			Residential	Mauna Loa Estates	Jade			Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Hedychium gardnerianum	HedGar			Residential	Mauna Loa Estates	Jade			Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Hedychium gardnerianum	HedGar			Residential	Mauna Loa Estates	Jade			Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Hedychium gardnerianum	HedGar			Residential	Mauna Loa Estates	Jade			Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Hedychium gardnerianum	HedGar			Residential	Mauna Loa Estates	Jade			Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Hedychium gardnerianum	HedGar			Residential	Mauna Loa Estates	Jade			Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573

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Hedychium gardnerianum	HedGar			Residential	Mauna Loa Estates	Jade		Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Hedychium gardnerianum	HedGar			Residential	Mauna Loa Estates	Jade		Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Hedychium gardnerianum	HedGar			Residential	Mauna Loa Estates	Jade		Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Hedychium gardnerianum	HedGar			Residential	Mauna Loa Estates	Jade		Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Hedychium gardnerianum	HedGar			Residential	Mauna Loa Estates	Jade		Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Hedychium gardnerianum	HedGar			Residential	Mauna Loa Estates	Jade		Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Hedychium gardnerianum	HedGar			Residential	Mauna Loa Estates	Pearl		Keali'i Bio	Linda Pratt	05-Aug-03	266271	2150161	UTM Zone 5 NAD 83	1113	3652
Hedychium gardnerianum	HedGar			Residential	Mauna Loa Estates	Pearl		Keali'i Bio	Linda Pratt	05-Aug-03	267039	2149092	UTM Zone 5 NAD 83	1108	3635
Hedychium gardnerianum	HedGar			Residential	Mauna Loa Estates	Ruby		Keali'i Bio	Linda Pratt	05-Aug-03	266531	2150362	UTM Zone 5 NAD 83	1101	3612
Hedychium gardnerianum	HedGar			Residential	Volcano Golf Course	Ka'akia		Keali'i Bio	Linda Pratt	12-Aug-03	260531	2151897	UTM Zone 5 NAD 83	1227	4026
Hedychium gardnerianum	HedGar			Residential	Volcano Golf Course	Kaekaha		Keali'i Bio	Linda Pratt	12-Aug-03	260497	2151315	UTM Zone 5 NAD 83	1219	3999
Hedychium gardnerianum	HedGar			Residential	Volcano Golf Course	Kanawao		Keali'i Bio	Linda Pratt	12-Aug-03	260269	2151514	UTM Zone 5 NAD 83	1221	4006
Hedychium gardnerianum	HedGar			Residential	Volcano Golf Course	Kanawao		Keali'i Bio	Linda Pratt	12-Aug-03	260338	2151218	UTM Zone 5 NAD 83	1218	3996
Hedychium gardnerianum	HedGar			Residential	Volcano Golf Course	Kanoni		Keali'i Bio	Linda Pratt	12-Aug-03	260302	2151756	UTM Zone 5 NAD 83	1225	4019
Hedychium gardnerianum	HedGar			Residential	Volcano Golf Course	Kaohelo		Keali'i Bio	Linda Pratt	12-Aug-03	260961	2151805	UTM Zone 5 NAD 83	1228	4029
Hedychium gardnerianum	HedGar			Residential	Volcano Golf Course	Kapoha		Keali'i Bio	Linda Pratt	12-Aug-03	260904	2151945	UTM Zone 5 NAD 83	1228	4029
Hedychium gardnerianum	HedGar			Residential	Volcano Golf Course	Kolokea		Keali'i Bio	Linda Pratt	12-Aug-03	260806	2152014	UTM Zone 5 NAD 83	1227	4026
Hedychium gardnerianum	HedGar			Residential	Volcano Golf Course	Painiu		Keali'i Bio	Linda Pratt	12-Aug-03	260928	2151431	UTM Zone 5 NAD 83	1226	4022
Hedychium gardnerianum	HedGar			Residential	Volcano Golf Course	Palaa		Keali'i Bio	Linda Pratt	12-Aug-03	260126	2151287	UTM Zone 5 NAD 83	1219	3999
Hedychium gardnerianum	HedGar			Residential	Volcano Golf Course	Piimauna		Keali'i Bio	Linda Pratt	12-Aug-03	260201	2151733	UTM Zone 5 NAD 83	1224	4016
Hedychium gardnerianum	HedGar			Residential	Volcano Golf Course	Piimauna		Keali'i Bio	Linda Pratt	12-Aug-03	260714	2151220	UTM Zone 5 NAD 83	1223	4012
Hedychium gardnerianum	HedGar			Residential	Volcano Golf Course	Popohau		Keali'i Bio	Linda Pratt	12-Aug-03	260694	2151250	UTM Zone 5 NAD 83	1223	4012
Hedychium gardnerianum	HedGar			Residential	Volcano Golf Course	Pukiawe Circle E		Keali'i Bio	Linda Pratt	12-Aug-03	260894	2151948	UTM Zone 5 NAD 83	1228	4029
Hedychium gardnerianum	HedGar			Residential	Volcano Golf Course	Pukiawe Circle E		Keali'i Bio	Linda Pratt	12-Aug-03	260735	2151256	UTM Zone 5 NAD 83	1223	4012
Hedychium gardnerianum	HedGar			Residential	Volcano Golf Course	Pukiawe Circle W		Keali'i Bio	Linda Pratt	12-Aug-03	260317	2151596	UTM Zone 5 NAD 83	1223	4012
Hedychium gardnerianum	HedGar			Residential	Volcano Golf Course	Pukiawe Circle W		Keali'i Bio	Linda Pratt	12-Aug-03	260379	2151269	UTM Zone 5 NAD 83	1219	3999
Hedychium gardnerianum	HedGar			Residential	Volcano Golf Course	Pukiawe Pl.		Keali'i Bio	Linda Pratt	12-Aug-03	260609	2151405	UTM Zone 5 NAD 83	1223	4012
Hedychium gardnerianum	HedGar			Residential	Volcano Golf Course	Uluhe Pl.		Keali'i Bio	Linda Pratt	12-Aug-03	260922	2151449	UTM Zone 5 NAD 83	1226	4022
Hedychium gardnerianum	HedGar			Residential	Volcano Village	Elepaio		Keali'i Bio	Linda Pratt	05-Aug-03	264484	2151364	UTM Zone 5 NAD 83	1170	3839
Hedychium gardnerianum	HedGar			Residential	Volcano Village	Haunani Rd.		Keali'i Bio	Linda Pratt	05-Aug-03	264300	2151658	UTM Zone 5 NAD 83	1172	3845
Hedychium gardnerianum	HedGar			Residential	Volcano Village	Haunani Rd.		Keali'i Bio	Linda Pratt	05-Aug-03	264690	2150983	UTM Zone 5 NAD 83	1158	3799
Hedychium gardnerianum	HedGar			Residential	Volcano Village	Haunani Rd.		Keali'i Bio	Linda Pratt	05-Aug-03	265443	2149531	UTM Zone 5 NAD 83	1143	3750
Hedychium gardnerianum	HedGar			Residential	Volcano Village	I'wi Rd.		Keali'i Bio	Linda Pratt	05-Aug-03	264670	2149864	UTM Zone 5 NAD 83	1161	3809
Hedychium gardnerianum	HedGar			Residential	Volcano Village	I'wi Rd.		Keali'i Bio	Linda Pratt	05-Aug-03	263829	2151195	UTM Zone 5 NAD 83	1195	3921
Hedychium gardnerianum	HedGar			Residential	Volcano Village	I'wi Rd.		Keali'i Bio	Linda Pratt	05-Aug-03	264207	2150551	UTM Zone 5 NAD 83	1180	3871
Hedychium gardnerianum	HedGar			Residential	Volcano Village	Kalani Honua		Keali'i Bio	Linda Pratt	05-Aug-03	265018	2150400	UTM Zone 5 NAD 83	1142	3747
Hedychium gardnerianum	HedGar			Residential	Volcano Village	Kalani Honua		Keali'i Bio	Linda Pratt	05-Aug-03	264556	2150447	UTM Zone 5 NAD 83	1165	3822
Hedychium gardnerianum	HedGar			Residential	Volcano Village	Kalanikoa		Keali'i Bio	Linda Pratt	05-Aug-03	264726	2149897	UTM Zone 5 NAD 83	1160	3806
Hedychium gardnerianum	HedGar			Residential	Volcano Village	Keonelehua		Keali'i Bio	Linda Pratt	05-Aug-03	265525	2150832	UTM Zone 5 NAD 83	1138	3734
Hedychium gardnerianum	HedGar			Residential	Volcano Village	Kilauea		Keali'i Bio	Linda Pratt	05-Aug-03	264649	2149873	UTM Zone 5 NAD 83	1162	3812
Hedychium gardnerianum	HedGar			Residential	Volcano Village	Kilauea		Keali'i Bio	Linda Pratt	05-Aug-03	265390	2150283	UTM Zone 5 NAD 83	1134	3720
Hedychium gardnerianum	HedGar			Residential	Volcano Village	Laukapu		Keali'i Bio	Linda Pratt	05-Aug-03	265110	2151069	UTM Zone 5 NAD 83	1145	3757
Hedychium gardnerianum	HedGar			Residential	Volcano Village	Laukapu		Keali'i Bio	Linda Pratt	05-Aug-03	265865	2151504	UTM Zone 5 NAD 83	1117	3665
Hedychium gardnerianum	HedGar			Residential	Volcano Village	Old Volcano Hwy		Keali'i Bio	Linda Pratt	05-Aug-03	264660	2149194	UTM Zone 5 NAD 83	1164	3819
Hedychium gardnerianum	HedGar			Residential	Volcano Village	Old Volcano Hwy		Keali'i Bio	Linda Pratt	05-Aug-03	265876	2150043	UTM Zone 5 NAD 83	1127	3698
Hedychium gardnerianum	HedGar			Residential	Volcano Village	Old Volcano Hwy		Keali'i Bio	Linda Pratt	05-Aug-03	265216	2149679	UTM Zone 5 NAD 83	1143	3750
Hedychium gardnerianum	HedGar			Residential	Volcano Village	Road B		Keali'i Bio	Linda Pratt	05-Aug-03	265452	2151277	UTM Zone 5 NAD 83	1135	3724
Hedychium gardnerianum	HedGar			Residential	Volcano Village	Road C		Keali'i Bio	Linda Pratt	05-Aug-03	265199	2151994	UTM Zone 5 NAD 83	1137	3730
Hedychium gardnerianum	HedGar			Residential	Volcano Village	Road D		Keali'i Bio	Linda Pratt	05-Aug-03	265712	2151426	UTM Zone 5 NAD 83	1125	3691
Hedychium gardnerianum	HedGar			Residential	Volcano Village	Road E		Keali'i Bio	Linda Pratt	05-Aug-03	265470	2152152	UTM Zone 5 NAD 83	1129	3704

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Hedychium greenei	HedGre			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Hedychium greenei	HedGre			East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Hedychium greenei	HedGre			East of HAVO	Highway 130	Highway 130	16	right	Keali'i Bio		19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Hedychium greenei	HedGre			East of HAVO	Stainback Highway	Stainback Highway	9	right	Keali'i Bio		24-Jan-05	272678	2166769	UTM Zone 5 NAD 83	694	2277
Hedychium greenei	HedGre			HAVO	Wright Rd	Wright Rd	0	both	Keali'i Bio	Linda Pratt	06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Hedychium greenei	HedGre			HAVO	Wright Rd	Wright Rd	1	both	Keali'i Bio	Linda Pratt	06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Hedychium greenei	HedGre			HAVO	Wright Rd	Wright Rd	3	right	Keali'i Bio		06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Hedychium greenei	HedGre			HAVO	Wright Rd	Wright Rd	4	right	Keali'i Bio		06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Hedychium greenei	HedGre			HAVO	Wright Rd	Wright Rd	4	right	Keali'i Bio		06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Heliocarpus popayanensis	HelPop			East of HAVO	Highway 130	Highway 130	18	right	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Heliotropium amplexicaule	HelAmp		Y	HAVO	Highway 11	Highway 11	32	makai	Keali'i Bio	Linda Pratt	18-May-01	258337	2149127	UTM Zone 5 NAD 83	1185	3888
Heliotropium amplexicaule	HelAmp		Y	HAVO	Highway 11	Highway 11	34	makai	Linda Pratt	Steve Dougill	18-May-01	255546	2147576	UTM Zone 5 NAD 83	1087	3566
Heterocentron subtripliner	HetSub			East of HAVO	Highway 130	Highway 130	11	right	Keali'i Bio		19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Heterocentron subtripliner	HetSub			East of HAVO	Highway 130	Highway 130	12	right	Keali'i Bio		19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Heterocentron subtripliner	HetSub			East of HAVO	Stainback Highway	Stainback Highway	13	both	Keali'i Bio	Linda Pratt	24-Jan-05	266627	2165328	UTM Zone 5 NAD 83	1032	3386
Heterocentron subtripliner	HetSub			East of HAVO	Stainback Highway	Stainback Highway	15	right	Keali'i Bio		24-Jan-05	263807	2164694	UTM Zone 5 NAD 83	1213	3980
Heterocentron subtripliner	HetSub			HAVO	Crater Rim Rd	Crater Rim Rd	0	both	Linda Pratt	Keali'i Bio	23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Heterocentron subtripliner	HetSub			HAVO	Crater Rim Rd	Crater Rim Rd	7	both	Linda Pratt	Keali'i Bio	23-Jul-01	262735	2147218	UTM Zone 5 NAD 83	1146	3760
Heterocentron subtripliner	HetSub			HAVO	Crater Rim Rd	Crater Rim Rd	8	both	Linda Pratt	Keali'i Bio	23-Jul-01	264190	2147608	UTM Zone 5 NAD 83	1153	3783
Heterocentron subtripliner	HetSub			HAVO	Crater Rim Rd	Crater Rim Rd	10	left	Keali'i Bio		23-Jul-01	263738	2149287	UTM Zone 5 NAD 83	1181	3875
Heterocentron subtripliner	HetSub			HAVO	Wright Rd	Wright Rd	0	both	Keali'i Bio	Linda Pratt	06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Heterocentron subtripliner	HetSub			HAVO	Wright Rd	Wright Rd	4	left	Linda Pratt		06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Heterotheca grandiflora	HetGra			HAVO	Highway 11	Highway 11	31	both	Keali'i Bio	Linda Pratt	18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009
Heterotheca grandiflora	HetGra			HAVO	Highway 11	Highway 11	32	makai	Linda Pratt	Steve Dougill	18-May-01	258337	2149127	UTM Zone 5 NAD 83	1185	3888
Heterotheca grandiflora	HetGra			HAVO	Highway 11	Highway 11	34	both	Keali'i Bio	Linda Pratt	18-May-01	255546	2147576	UTM Zone 5 NAD 83	1087	3566
Heterotheca grandiflora	HetGra			HAVO	Highway 11	Highway 11	35	both	Keali'i Bio	Linda Pratt	18-May-01	254327	2146502	UTM Zone 5 NAD 83	1046	3432
Heterotheca grandiflora	HetGra			HAVO	Highway 11	Highway 11	41	mauka	Keali'i Bio		21-May-01	248047	2139309	UTM Zone 5 NAD 83	803	2635
Hippobroma longiflora	HipLon			East of HAVO	Highway 130	Highway 130	11	right	Keali'i Bio		19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Hippobroma longiflora	HipLon			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Hippobroma longiflora	HipLon			East of HAVO	Highway 130	Highway 130	13	left	Linda Pratt		19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Holcus lanatus	HolLan			East of HAVO	Stainback Highway	Stainback Highway	12	right	Keali'i Bio		24-Jan-05	268168	2165427	UTM Zone 5 NAD 83	954	3130
Holcus lanatus	HolLan			East of HAVO	Stainback Highway	Stainback Highway	13	both	Keali'i Bio	Linda Pratt	24-Jan-05	266627	2165328	UTM Zone 5 NAD 83	1032	3386
Holcus lanatus	HolLan			East of HAVO	Stainback Highway	Stainback Highway	14	both	Keali'i Bio	Linda Pratt	24-Jan-05	265311	2164578	UTM Zone 5 NAD 83	1130	3707
Holcus lanatus	HolLan			East of HAVO	Stainback Highway	Stainback Highway	15	both	Keali'i Bio	Linda Pratt	24-Jan-05	263807	2164694	UTM Zone 5 NAD 83	1213	3980
Holcus lanatus	HolLan			East of HAVO	Stainback Highway	Stainback Highway	16	both	Keali'i Bio	Linda Pratt	24-Jan-05	262244	2164420	UTM Zone 5 NAD 83	1328	4357
Holcus lanatus	HolLan			East of HAVO	Stainback Highway	Stainback Highway	17	both	Keali'i Bio	Linda Pratt	24-Jan-05	260706	2164215	UTM Zone 5 NAD 83	1434	4705
Holcus lanatus	HolLan			East of HAVO	Stainback Highway	Stainback Highway	18	both	Keali'i Bio	Linda Pratt	24-Jan-05	259274	2163747	UTM Zone 5 NAD 83	1528	5013
Holcus lanatus	HolLan			HAVO	Chain of Craters Rd	Chain of Craters Rd	0	both	Keali'i Bio	Linda Pratt	31-May-01	263393	2147218	UTM Zone 5 NAD 83	1135	3724
Holcus lanatus	HolLan			HAVO	Chain of Craters Rd	Chain of Craters Rd	1	right (odd mile)	Keali'i Bio		31-May-01	263783	2145709	UTM Zone 5 NAD 83	1107	3632
Holcus lanatus	HolLan			HAVO	Chain of Craters Rd	Chain of Craters Rd	2	both	Keali'i Bio	Linda Pratt	31-May-01	264754	2144382	UTM Zone 5 NAD 83	1045	3428
Holcus lanatus	HolLan			HAVO	Chain of Craters Rd	Chain of Craters Rd	3	right (odd mile)	Keali'i Bio		31-May-01	265912	2143452	UTM Zone 5 NAD 83	1002	3287
Holcus lanatus	HolLan			HAVO	Crater Rim Rd	Crater Rim Rd	0	both	Linda Pratt	Keali'i Bio	23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Holcus lanatus	HolLan			HAVO	Crater Rim Rd	Crater Rim Rd	1	both	Linda Pratt	Keali'i Bio	23-Jul-01	261717	2150216	UTM Zone 5 NAD 83	1210	3970
Holcus lanatus	HolLan			HAVO	Crater Rim Rd	Crater Rim Rd	2	both	Linda Pratt	Keali'i Bio	23-Jul-01	260209	2149821	UTM Zone 5 NAD 83	1228	4029
Holcus lanatus	HolLan			HAVO	Crater Rim Rd	Crater Rim Rd	3	both	Linda Pratt	Keali'i Bio	23-Jul-01	259205	2148667	UTM Zone 5 NAD 83	1214	3983
Holcus lanatus	HolLan			HAVO	Crater Rim Rd	Crater Rim Rd	7	both	Linda Pratt	Keali'i Bio	23-Jul-01	262735	2147218	UTM Zone 5 NAD 83	1146	3760
Holcus lanatus	HolLan			HAVO	Crater Rim Rd	Crater Rim Rd	8	both	Linda Pratt	Keali'i Bio	23-Jul-01	264190	2147608	UTM Zone 5 NAD 83	1153	3783
Holcus lanatus	HolLan			HAVO	Crater Rim Rd	Crater Rim Rd	9	both	Linda Pratt	Keali'i Bio	23-Jul-01	264678	2148282	UTM Zone 5 NAD 83	1194	3917
Holcus lanatus	HolLan			HAVO	Crater Rim Rd	Crater Rim Rd	10	both	Linda Pratt	Keali'i Bio	23-Jul-01	263738	2149287	UTM Zone 5 NAD 83	1181	3875
Holcus lanatus	HolLan			HAVO	Highway 11	Highway 11	23	both	Keali'i Bio	Linda Pratt	17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Holcus lanatus	HolLan			HAVO	Highway 11	Highway 11	24	both	Keali'i Bio	Linda Pratt	17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104

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Holcus lanatus	HolLan			HAVO	Highway 11	Highway 11	25	both	Keali'i Bio	Linda Pratt	17-May-01	267829	2151333	UTM Zone 5 NAD 83	1029	3376
Holcus lanatus	HolLan			HAVO	Highway 11	Highway 11	26	both	Keali'i Bio	Linda Pratt	17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Holcus lanatus	HolLan			HAVO	Highway 11	Highway 11	27	both	Keali'i Bio	Linda Pratt	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Holcus lanatus	HolLan			HAVO	Highway 11	Highway 11	28	both	Keali'i Bio	Robert Yamanoha	21-May-01	263792	2149317	UTM Zone 5 NAD 83	1182	3878
Holcus lanatus	HolLan			HAVO	Highway 11	Highway 11	29	both	Keali'i Bio	Robert Yamanoha	21-May-01	262687	2150443	UTM Zone 5 NAD 83	1219	3999
Holcus lanatus	HolLan			HAVO	Highway 11	Highway 11	30	both	Keali'i Bio	Linda Pratt	18-May-01	261165	2150609	UTM Zone 5 NAD 83	1226	4022
Holcus lanatus	HolLan			HAVO	Highway 11	Highway 11	31	both	Keali'i Bio	Linda Pratt	18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009
Holcus lanatus	HolLan			HAVO	Highway 11	Highway 11	32	both	Keali'i Bio	Linda Pratt	18-May-01	258337	2149127	UTM Zone 5 NAD 83	1185	3888
Holcus lanatus	HolLan			HAVO	Hilina Pali Rd	Hilina Pali Rd	0	both	Keali'i Bio	Linda Pratt	08-Aug-01	264928	2144119	UTM Zone 5 NAD 83	1034	3392
Holcus lanatus	HolLan			HAVO	Mauna Loa Rd	Mauna Loa Rd	0	both	Linda Pratt		20-Jun-01	260232	2150037	UTM Zone 5 NAD 83	1228	4029
Holcus lanatus	HolLan			HAVO	Mauna Loa Rd	Mauna Loa Rd	1	both	Linda Pratt		20-Jun-01	258888	2150444	UTM Zone 5 NAD 83	1211	3973
Holcus lanatus	HolLan			HAVO	Mauna Loa Rd	Mauna Loa Rd	2	both	Linda Pratt		20-Jun-01	257651	2151066	UTM Zone 5 NAD 83	1223	4012
Holcus lanatus	HolLan			HAVO	Mauna Loa Rd	Mauna Loa Rd	3	both	Linda Pratt		20-Jun-01	256794	2151494	UTM Zone 5 NAD 83	1285	4216
Holcus lanatus	HolLan			HAVO	Mauna Loa Rd	Mauna Loa Rd	4	both	Linda Pratt		20-Jun-01	255333	2151589	UTM Zone 5 NAD 83	1356	4449
Holcus lanatus	HolLan			HAVO	Mauna Loa Rd	Mauna Loa Rd	5	both	Linda Pratt		20-Jun-01	254743	2152431	UTM Zone 5 NAD 83	1429	4688
Holcus lanatus	HolLan			HAVO	Mauna Loa Rd	Mauna Loa Rd	6	both	Linda Pratt		20-Jun-01	253984	2153448	UTM Zone 5 NAD 83	1500	4921
Holcus lanatus	HolLan			HAVO	Mauna Loa Rd	Mauna Loa Rd	7	both	Linda Pratt		20-Jun-01	253220	2154160	UTM Zone 5 NAD 83	1580	5184
Holcus lanatus	HolLan			HAVO	Mauna Loa Rd	Mauna Loa Rd	8	both	Linda Pratt		20-Jun-01	252221	2155114	UTM Zone 5 NAD 83	1686	5531
Holcus lanatus	HolLan			HAVO	Mauna Loa Rd	Mauna Loa Rd	9	both	Linda Pratt		20-Jun-01	250854	2155424	UTM Zone 5 NAD 83	1778	5833
Holcus lanatus	HolLan			HAVO	Mauna Loa Rd	Mauna Loa Rd	10	both	Linda Pratt		20-Jun-01	250386	2156103	UTM Zone 5 NAD 83	1883	6178
Holcus lanatus	HolLan			HAVO	Wright Rd	Wright Rd	1	both	Keali'i Bio	Linda Pratt	06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Holcus lanatus	HolLan			HAVO	Wright Rd	Wright Rd	2	both	Keali'i Bio	Linda Pratt	06-Oct-03	264381	2152867	UTM Zone 5 NAD 83	1161	3809
Holcus lanatus	HolLan			HAVO	Wright Rd	Wright Rd	3	both	Keali'i Bio	Linda Pratt	06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Holcus lanatus	HolLan			HAVO	Wright Rd	Wright Rd	4	both	Keali'i Bio	Linda Pratt	06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Homolanthus populifolius	HomPop		Y	HAVO	Highway 11	Highway 11	77	both	Keali'i Bio	Laura Nelson	02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Homolanthus populifolius	HomPop		Y	Residential	Mauna Loa Estates	Jade			Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Hyparrhenia rufa	HypRuf			HAVO	Chain of Craters Rd	Chain of Craters Rd	16	both	Keali'i Bio	Linda Pratt	06-Jun-01	275968	2134281	UTM Zone 5 NAD 83	46	151
Hyparrhenia rufa	HypRuf			HAVO	Chain of Craters Rd	Chain of Craters Rd	17	both	Keali'i Bio	Linda Pratt	06-Jun-01	277363	2133480	UTM Zone 5 NAD 83	18	59
Hyparrhenia rufa	HypRuf			HAVO	Chain of Craters Rd	Chain of Craters Rd	18	both	Keali'i Bio	Linda Pratt	06-Jun-01	278716	2134304	UTM Zone 5 NAD 83	13	43
Hyparrhenia rufa	HypRuf			HAVO	Chain of Craters Rd	Chain of Craters Rd	19	both	Keali'i Bio	Linda Pratt	06-Jun-01	280123	2135093	UTM Zone 5 NAD 83	14	46
Hyparrhenia rufa	HypRuf			HAVO	Highway 11	Highway 11	37	mauka	Keali'i Bio		21-May-01	252204	2144180	UTM Zone 5 NAD 83	960	3150
Hyparrhenia rufa	HypRuf			HAVO	Highway 11	Highway 11	40	both	Keali'i Bio	Robert Yamanoha	21-May-01	248932	2140652	UTM Zone 5 NAD 83	847	2779
Hyparrhenia rufa	HypRuf			HAVO	Highway 11	Highway 11	41	makai	Steve Dougill	Robert Yamanoha	21-May-01	248047	2139309	UTM Zone 5 NAD 83	803	2635
Hyparrhenia rufa	HypRuf			HAVO	Highway 11	Highway 11	42	both	Keali'i Bio	Robert Yamanoha	30-May-01	247211	2137934	UTM Zone 5 NAD 83	754	2474
Hyparrhenia rufa	HypRuf			HAVO	Highway 11	Highway 11	43	both	Keali'i Bio	Robert Yamanoha	30-May-01	246380	2136565	UTM Zone 5 NAD 83	726	2382
Hyparrhenia rufa	HypRuf			HAVO	Highway 11	Highway 11	44	both	Keali'i Bio	Robert Yamanoha	30-May-01	245606	2135157	UTM Zone 5 NAD 83	682	2238
Hyparrhenia rufa	HypRuf			HAVO	Highway 11	Highway 11	45	both	Keali'i Bio	Robert Yamanoha	30-May-01	244911	2133713	UTM Zone 5 NAD 83	628	2060
Hyparrhenia rufa	HypRuf			HAVO	Highway 11	Highway 11	46	both	Keali'i Bio	Robert Yamanoha	30-May-01	244057	2132365	UTM Zone 5 NAD 83	586	1923
Hyparrhenia rufa	HypRuf			HAVO	Highway 11	Highway 11	47	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699
Hyparrhenia rufa	HypRuf			HAVO	Highway 11	Highway 11	48	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	242779	2129420	UTM Zone 5 NAD 83	483	1585
Hyparrhenia rufa	HypRuf			HAVO	Highway 11	Highway 11	49	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Hyparrhenia rufa	HypRuf			HAVO	Highway 11	Highway 11	70	right	Keali'i Bio		03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Hyparrhenia rufa	HypRuf			HAVO	Highway 11	Highway 11	72	both	Keali'i Bio	Laura Nelson	03-Apr-02	215850	2109628	UTM Zone 5 NAD 83	602	1975
Hyparrhenia rufa	HypRuf			HAVO	Highway 11	Highway 11	73	both	Keali'i Bio	Laura Nelson	02-Apr-02	214329	2110073	UTM Zone 5 NAD 83	597	1959
Hyparrhenia rufa	HypRuf			HAVO	Highway 11	Highway 11	78	left	Laura Nelson		02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Hyparrhenia rufa	HypRuf			HAVO	Highway 11	Highway 11	79	makai	Laura Nelson		20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
Hyparrhenia rufa	HypRuf			HAVO	Highway 11	Highway 11	80	both	Keali'i Bio	Laura Nelson	20-Mar-02	204197	2114294	UTM Zone 5 NAD 83	583	1913
Hyparrhenia rufa	HypRuf			HAVO	Hilina Pali Rd	Hilina Pali Rd	1	right	Keali'i Bio		08-Aug-01	263904	2142819	UTM Zone 5 NAD 83	1013	3323
Hyparrhenia rufa	HypRuf			HAVO	Hilina Pali Rd	Hilina Pali Rd	2	both	Keali'i Bio	Linda Pratt	08-Aug-01	263132	2141554	UTM Zone 5 NAD 83	997	3271
Hyparrhenia rufa	HypRuf			HAVO	Hilina Pali Rd	Hilina Pali Rd	3	both	Keali'i Bio	Linda Pratt	08-Aug-01	261892	2140618	UTM Zone 5 NAD 83	981	3219
Hyparrhenia rufa	HypRuf			HAVO	Hilina Pali Rd	Hilina Pali Rd	4	both	Keali'i Bio	Linda Pratt	08-Aug-01	261042	2139784	UTM Zone 5 NAD 83	958	3143

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Hyparrhenia rufa	HypRuf			HAVO	Hilina Pali Rd	Hilina Pali Rd	6	left	Linda Pratt		08-Aug-01	259221	2137810	UTM Zone 5 NAD 83	859	2818
Hyparrhenia rufa	HypRuf			HAVO	Hilina Pali Rd	Hilina Pali Rd	8	both	Keali'i Bio	Linda Pratt	08-Aug-01	257632	2135674	UTM Zone 5 NAD 83	733	2405
Hypericum kouytchense	HypKou			HAVO	Wright Rd	Wright Rd	0	right	Keali'i Bio		06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Hypericum kouytchense	HypKou			HAVO	Wright Rd	Wright Rd	1	left	Linda Pratt		06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Hyptis pectinata**	HypPec			East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Hyptis pectinata**	HypPec			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Hyptis pectinata**	HypPec			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Hyptis pectinata**	HypPec			East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Hyptis pectinata**	HypPec			East of HAVO	Highway 130	Highway 130	15	both	Keali'i Bio	Linda Pratt	19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Hyptis pectinata**	HypPec			East of HAVO	Highway 130	Highway 130	16	both	Keali'i Bio	Linda Pratt	19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Hyptis pectinata**	HypPec			East of HAVO	Highway 130	Highway 130	17	right	Keali'i Bio		19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Hyptis pectinata**	HypPec			East of HAVO	Highway 130	Highway 130	18	left	Chelsie Javar	Keali'i Bio	20-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Hyptis pectinata**	HypPec			East of HAVO	Highway 130	Highway 130	19	left	Chelsie Javar	Keali'i Bio	20-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Hyptis pectinata**	HypPec			East of HAVO	Highway 130	Highway 130	20	both	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Hyptis pectinata**	HypPec			HAVO	Highway 11	Highway 11	23	mauka	Linda Pratt		17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Hyptis pectinata**	HypPec			HAVO	Highway 11	Highway 11	31	mauka	Keali'i Bio		18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009
Hyptis pectinata**	HypPec			HAVO	Highway 11	Highway 11	32	both	Keali'i Bio	Linda Pratt	18-May-01	258337	2149127	UTM Zone 5 NAD 83	1185	3888
Hyptis pectinata**	HypPec			HAVO	Highway 11	Highway 11	39	mauka	Keali'i Bio		21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
Hyptis pectinata**	HypPec			HAVO	Highway 11	Highway 11	40	mauka	Keali'i Bio		21-May-01	248932	2140652	UTM Zone 5 NAD 83	847	2779
Hyptis pectinata**	HypPec			HAVO	Highway 11	Highway 11	43	mauka	Keali'i Bio		30-May-01	246380	2136565	UTM Zone 5 NAD 83	726	2382
Hyptis pectinata**	HypPec			HAVO	Highway 11	Highway 11	44	mauka	Keali'i Bio		30-May-01	245606	2135157	UTM Zone 5 NAD 83	682	2238
Hyptis pectinata**	HypPec			HAVO	Highway 11	Highway 11	46	both	Keali'i Bio	Robert Yamanoha	30-May-01	244057	2132365	UTM Zone 5 NAD 83	586	1923
Hyptis pectinata**	HypPec			HAVO	Highway 11	Highway 11	47	mauka	Keali'i Bio		04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699
Hyptis pectinata**	HypPec			HAVO	Highway 11	Highway 11	49	mauka	Keali'i Bio		04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Hyptis pectinata**	HypPec			HAVO	Highway 11	Highway 11	65	both	Keali'i Bio	Laura Nelson	16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Hyptis pectinata**	HypPec			HAVO	Highway 11	Highway 11	66	both	Keali'i Bio	Laura Nelson	16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Hyptis pectinata**	HypPec			HAVO	Highway 11	Highway 11	67	both	Keali'i Bio	Laura Nelson	16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Hyptis pectinata**	HypPec			HAVO	Highway 11	Highway 11	69	both	Keali'i Bio	Laura Nelson	03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Hyptis pectinata**	HypPec			HAVO	Highway 11	Highway 11	70	both	Keali'i Bio	Laura Nelson	03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Hyptis pectinata**	HypPec			HAVO	Highway 11	Highway 11	71	right	Keali'i Bio		03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047
Hyptis pectinata**	HypPec			HAVO	Highway 11	Highway 11	72	right	Keali'i Bio		03-Apr-02	215850	2109628	UTM Zone 5 NAD 83	602	1975
Hyptis pectinata**	HypPec			HAVO	Highway 11	Highway 11	73	both	Keali'i Bio	Laura Nelson	02-Apr-02	214329	2110073	UTM Zone 5 NAD 83	597	1959
Hyptis pectinata**	HypPec			HAVO	Highway 11	Highway 11	74	left	Laura Nelson		02-Apr-02	213016	2110579	UTM Zone 5 NAD 83	596	1955
Hyptis pectinata**	HypPec			HAVO	Highway 11	Highway 11	75	both	Keali'i Bio	Laura Nelson	02-Apr-02	211522	2111153	UTM Zone 5 NAD 83	596	1955
Hyptis pectinata**	HypPec			HAVO	Highway 11	Highway 11	76	both	Keali'i Bio	Laura Nelson	02-Apr-02	210081	2111710	UTM Zone 5 NAD 83	594	1949
Hyptis pectinata**	HypPec			HAVO	Highway 11	Highway 11	77	both	Keali'i Bio	Laura Nelson	02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Hyptis pectinata**	HypPec			HAVO	Highway 11	Highway 11	78	both	Keali'i Bio	Laura Nelson	02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Hyptis pectinata**	HypPec			HAVO	Highway 11	Highway 11	79	both	Keali'i Bio	Laura Nelson	20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
Hyptis pectinata**	HypPec			HAVO	Highway 11	Highway 11	80	both	Keali'i Bio	Laura Nelson	20-Mar-02	204197	2114294	UTM Zone 5 NAD 83	583	1913
Hyptis pectinata**	HypPec			HAVO	Highway 11	Highway 11	81	both	Keali'i Bio	Laura Nelson	20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Ilex aquifolium	IleAqu			HAVO	Wright Rd	Wright Rd	4	left	Linda Pratt		06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Impatiens walleriana	ImpWal			East of HAVO	Highway 130	Highway 130	11	left	Linda Pratt		19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Impatiens walleriana	ImpWal			East of HAVO	Highway 130	Highway 130	12	right	Keali'i Bio		19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Impatiens walleriana	ImpWal			East of HAVO	Highway 130	Highway 130	13	left	Linda Pratt		19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Impatiens walleriana	ImpWal			East of HAVO	Highway 130	Highway 130	15	both	Keali'i Bio	Linda Pratt	19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Impatiens walleriana	ImpWal			East of HAVO	Highway 130	Highway 130	16	left	Linda Pratt		19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Impatiens walleriana	ImpWal			East of HAVO	Highway 130	Highway 130	17	left	Linda Pratt		19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Impatiens walleriana	ImpWal			HAVO	Chain of Craters Rd	Chain of Craters Rd	1	both	Keali'i Bio	Linda Pratt	31-May-01	263783	2145709	UTM Zone 5 NAD 83	1107	3632
Impatiens walleriana	ImpWal			HAVO	Highway 11	Highway 11	23	both	Keali'i Bio	Linda Pratt	17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Impatiens walleriana	ImpWal			HAVO	Highway 11	Highway 11	26	makai	Keali'i Bio		17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Impatiens walleriana	ImpWal			HAVO	Highway 11	Highway 11	65	mauka	Laura Nelson		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958

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Impatiens walleriana	ImpWal			HAVO	Highway 11	Highway 11	66	makai	Keali'i Bio		16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Impatiens walleriana	ImpWal			HAVO	Highway 11	Highway 11	67	mauka	Laura Nelson		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Impatiens walleriana	ImpWal			HAVO	Highway 11	Highway 11	68	both	Keali'i Bio	Laura Nelson	03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Impatiens walleriana	ImpWal			HAVO	Wright Rd	Wright Rd	0	both	Keali'i Bio	Linda Pratt	06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Impatiens walleriana	ImpWal			HAVO	Wright Rd	Wright Rd	1	both	Keali'i Bio	Linda Pratt	06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Impatiens walleriana	ImpWal			HAVO	Wright Rd	Wright Rd	2	right	Keali'i Bio		06-Oct-03	264381	2152867	UTM Zone 5 NAD 83	1161	3809
Impatiens walleriana	ImpWal			HAVO	Wright Rd	Wright Rd	3	both	Keali'i Bio	Linda Pratt	06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Impatiens walleriana	ImpWal			HAVO	Wright Rd	Wright Rd	4	both	Keali'i Bio	Linda Pratt	06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Ipomoea sp.	IpoSp			Residential	Mauna Loa Estates	8th			Keali'i Bio	Linda Pratt	12-Aug-03	266498	2149211	UTM Zone 5 NAD 83	1123	3684
Jacaranda mimosifolia	JacMim			East of HAVO	Highway 130	Highway 130	19	right	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Jacaranda mimosifolia	JacMim			HAVO	Highway 11	Highway 11	66	both	Keali'i Bio	Laura Nelson	16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Jacaranda mimosifolia	JacMim			HAVO	Highway 11	Highway 11	68	right	Keali'i Bio		03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Jacaranda mimosifolia	JacMim			HAVO	Highway 11	Highway 11	76	right	Keali'i Bio		02-Apr-02	210081	2111710	UTM Zone 5 NAD 83	594	1949
Jacaranda mimosifolia	JacMim			HAVO	Highway 11	Highway 11	77	right	Keali'i Bio		02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Jacaranda mimosifolia	JacMim			HAVO	Highway 11	Highway 11	78	right	Keali'i Bio		02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Jacaranda mimosifolia	JacMim			HAVO	Highway 11	Highway 11	81	makai	Laura Nelson		20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Jacaranda mimosifolia	JacMim			Residential	Mauna Loa Estates	4th			Keali'i Bio	Linda Pratt	12-Aug-03	267267	2150381	UTM Zone 5 NAD 83	1074	3524
Jacaranda mimosifolia	JacMim			Residential	Volcano Golf Course	Kanawao			Keali'i Bio	Linda Pratt	12-Aug-03	260338	2151218	UTM Zone 5 NAD 83	1218	3996
Jacaranda mimosifolia	JacMim			Residential	Volcano Golf Course	Pukiawe Circle E			Keali'i Bio	Linda Pratt	12-Aug-03	260735	2151256	UTM Zone 5 NAD 83	1223	4012
Jacaranda mimosifolia	JacMim			Residential	Volcano Golf Course	Pukiawe Circle W			Keali'i Bio	Linda Pratt	12-Aug-03	260317	2151596	UTM Zone 5 NAD 83	1223	4012
Juncus effusus	JunEff			HAVO	Highway 11	Highway 11	25	both	Keali'i Bio	Linda Pratt	17-May-01	267829	2151333	UTM Zone 5 NAD 83	1029	3376
Justicia betonica	JusBet			HAVO	Chain of Craters Rd	Chain of Craters Rd	15	right (odd)	Keali'i Bio		06-Jun-01	274404	2134602	UTM Zone 5 NAD 83	109	358
Justicia betonica	JusBet			HAVO	Highway 11	Highway 11	65	both	Keali'i Bio	Laura Nelson	16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Justicia betonica	JusBet			HAVO	Highway 11	Highway 11	66	makai	Keali'i Bio		16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Justicia betonica	JusBet			HAVO	Highway 11	Highway 11	68	both	Keali'i Bio	Laura Nelson	03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Lantana camara	LanCam			East of HAVO	Highway 130	Highway 130	15	both	Keali'i Bio	Linda Pratt	19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Lantana camara	LanCam			East of HAVO	Highway 130	Highway 130	16	both	Keali'i Bio	Linda Pratt	19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Lantana camara	LanCam			East of HAVO	Highway 130	Highway 130	17	both	Keali'i Bio	Linda Pratt	19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Lantana camara	LanCam			East of HAVO	Highway 130	Highway 130	18	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Lantana camara	LanCam			East of HAVO	Highway 130	Highway 130	19	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Lantana camara	LanCam			East of HAVO	Highway 130	Highway 130	20	both	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Lantana camara	LanCam			HAVO	Chain of Craters Rd	Chain of Craters Rd	8	both	Keali'i Bio	Linda Pratt	31-May-01	270524	2138448	UTM Zone 5 NAD 83	730	2395
Lantana camara	LanCam			HAVO	Chain of Craters Rd	Chain of Craters Rd	9	both	Keali'i Bio	Linda Pratt	31-May-01	271712	2137525	UTM Zone 5 NAD 83	641	2103
Lantana camara	LanCam			HAVO	Chain of Craters Rd	Chain of Craters Rd	10	both	Keali'i Bio	Linda Pratt	06-Jun-01	273179	2137236	UTM Zone 5 NAD 83	586	1923
Lantana camara	LanCam			HAVO	Chain of Craters Rd	Chain of Craters Rd	12	both	Keali'i Bio	Linda Pratt	06-Jun-01	276347	2137027	UTM Zone 5 NAD 83	389	1276
Lantana camara	LanCam			HAVO	Chain of Craters Rd	Chain of Craters Rd	13	both	Keali'i Bio	Linda Pratt	06-Jun-01	275080	2136341	UTM Zone 5 NAD 83	281	922
Lantana camara	LanCam			HAVO	Chain of Craters Rd	Chain of Craters Rd	14	right (odd)	Keali'i Bio		06-Jun-01	273674	2135766	UTM Zone 5 NAD 83	195	640
Lantana camara	LanCam			HAVO	Chain of Craters Rd	Chain of Craters Rd	15	both	Keali'i Bio	Linda Pratt	06-Jun-01	274404	2134602	UTM Zone 5 NAD 83	109	358
Lantana camara	LanCam			HAVO	Chain of Craters Rd	Chain of Craters Rd	16	both	Keali'i Bio	Linda Pratt	06-Jun-01	275968	2134281	UTM Zone 5 NAD 83	46	151
Lantana camara	LanCam			HAVO	Chain of Craters Rd	Chain of Craters Rd	17	both	Keali'i Bio	Linda Pratt	06-Jun-01	277363	2133480	UTM Zone 5 NAD 83	18	59
Lantana camara	LanCam			HAVO	Chain of Craters Rd	Chain of Craters Rd	18	both	Keali'i Bio	Linda Pratt	06-Jun-01	278716	2134304	UTM Zone 5 NAD 83	13	43
Lantana camara	LanCam			HAVO	Chain of Craters Rd	Chain of Craters Rd	19	both	Keali'i Bio	Linda Pratt	06-Jun-01	280123	2135093	UTM Zone 5 NAD 83	14	46
Lantana camara	LanCam			HAVO	Highway 11	Highway 11	35	makai	Linda Pratt	Steve Dougill	18-May-01	254327	2146502	UTM Zone 5 NAD 83	1046	3432
Lantana camara	LanCam			HAVO	Highway 11	Highway 11	41	mauka	Keali'i Bio		21-May-01	248047	2139309	UTM Zone 5 NAD 83	803	2635
Lantana camara	LanCam			HAVO	Highway 11	Highway 11	44	mauka	Keali'i Bio		30-May-01	245606	2135157	UTM Zone 5 NAD 83	682	2238
Lantana camara	LanCam			HAVO	Highway 11	Highway 11	46	both	Keali'i Bio	Robert Yamanoha	30-May-01	244057	2132365	UTM Zone 5 NAD 83	586	1923
Lantana camara	LanCam			HAVO	Highway 11	Highway 11	47	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699
Lantana camara	LanCam			HAVO	Highway 11	Highway 11	48	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	242779	2129420	UTM Zone 5 NAD 83	483	1585
Lantana camara	LanCam			HAVO	Highway 11	Highway 11	49	makai	Robert Yamanoha		04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Lantana camara	LanCam			HAVO	Highway 11	Highway 11	66	both	Keali'i Bio	Laura Nelson	16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Lantana camara	LanCam			HAVO	Highway 11	Highway 11	67	mauka	Laura Nelson		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447

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Lantana camara	LanCam			HAVO	Highway 11	Highway 11	71	both	Keali'i Bio	Laura Nelson	03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047
Lantana camara	LanCam			HAVO	Highway 11	Highway 11	72	both	Keali'i Bio	Laura Nelson	03-Apr-02	215850	2109628	UTM Zone 5 NAD 83	602	1975
Lantana camara	LanCam			HAVO	Highway 11	Highway 11	73	left	Laura Nelson		02-Apr-02	214329	2110073	UTM Zone 5 NAD 83	597	1959
Lantana camara	LanCam			HAVO	Highway 11	Highway 11	74	both	Keali'i Bio	Laura Nelson	02-Apr-02	213016	2110579	UTM Zone 5 NAD 83	596	1955
Lantana camara	LanCam			HAVO	Highway 11	Highway 11	76	both	Keali'i Bio	Laura Nelson	02-Apr-02	210081	2111710	UTM Zone 5 NAD 83	594	1949
Lantana camara	LanCam			HAVO	Highway 11	Highway 11	77	both	Keali'i Bio	Laura Nelson	02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Lantana camara	LanCam			HAVO	Highway 11	Highway 11	78	both	Keali'i Bio	Laura Nelson	02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Lantana camara	LanCam			HAVO	Highway 11	Highway 11	79	mauka	Keali'i Bio		20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
Lantana camara	LanCam			HAVO	Highway 11	Highway 11	80	both	Keali'i Bio	Laura Nelson	20-Mar-02	204197	2114294	UTM Zone 5 NAD 83	583	1913
Lantana camara	LanCam			HAVO	Highway 11	Highway 11	81	both	Keali'i Bio	Laura Nelson	20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Lantana camara	LanCam			HAVO	Hilina Pali Rd	Hilina Pali Rd	4	left	Linda Pratt		08-Aug-01	261042	2139784	UTM Zone 5 NAD 83	958	3143
Lantana camara	LanCam			HAVO	Hilina Pali Rd	Hilina Pali Rd	6	right	Keali'i Bio		08-Aug-01	259221	2137810	UTM Zone 5 NAD 83	859	2818
Lantana camara	LanCam			HAVO	Hilina Pali Rd	Hilina Pali Rd	7	both	Keali'i Bio	Linda Pratt	08-Aug-01	258530	2136558	UTM Zone 5 NAD 83	799	2621
Lantana camara	LanCam			HAVO	Hilina Pali Rd	Hilina Pali Rd	8	right	Keali'i Bio		08-Aug-01	257632	2135674	UTM Zone 5 NAD 83	733	2405
Lantana camara	LanCam			Residential	Volcano Village	Road B			Keali'i Bio	Linda Pratt	05-Aug-03	265452	2151277	UTM Zone 5 NAD 83	1135	3724
Leonotis nepetifolia	LeoNep		Y	HAVO	Highway 11	Highway 11	39	mauka	Keali'i Bio		21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
Lepidium africanum	LepAfr		Y	HAVO	Highway 11	Highway 11	31	mauka	Linda Pratt		18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009
Leptospermum scoparium	LepSco			HAVO	Wright Rd	Wright Rd	4	right	Keali'i Bio		06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Leptospermum scoparium	LepSco			Residential	Mauna Loa Estates	2nd			Keali'i Bio	Linda Pratt	12-Aug-03	267113	2150594	UTM Zone 5 NAD 83	1077	3533
Leptospermum scoparium	LepSco			Residential	Volcano Golf Course	Kaekaha			Keali'i Bio	Linda Pratt	12-Aug-03	260497	2151315	UTM Zone 5 NAD 83	1219	3999
Leptospermum scoparium	LepSco			Residential	Volcano Golf Course	Kanawao			Keali'i Bio	Linda Pratt	12-Aug-03	260338	2151218	UTM Zone 5 NAD 83	1218	3996
Leptospermum scoparium	LepSco			Residential	Volcano Golf Course	Painiu			Keali'i Bio	Linda Pratt	12-Aug-03	260928	2151431	UTM Zone 5 NAD 83	1226	4022
Leptospermum scoparium	LepSco			Residential	Volcano Golf Course	Pukiawe Circle E			Keali'i Bio	Linda Pratt	12-Aug-03	260894	2151948	UTM Zone 5 NAD 83	1228	4029
Leptospermum scoparium	LepSco			Residential	Volcano Golf Course	Pukiawe Circle W			Keali'i Bio	Linda Pratt	12-Aug-03	260317	2151596	UTM Zone 5 NAD 83	1223	4012
Leptospermum scoparium	LepSco			Residential	Volcano Village	I'wi Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264207	2150551	UTM Zone 5 NAD 83	1180	3871
Leucaena leucocephala	LeuLeu			East of HAVO	Highway 130	Highway 130	19	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Leucaena leucocephala	LeuLeu			East of HAVO	Highway 130	Highway 130	20	both	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Leucaena leucocephala	LeuLeu			HAVO	Chain of Craters Rd	Chain of Craters Rd	15	right (odd)	Keali'i Bio		06-Jun-01	274404	2134602	UTM Zone 5 NAD 83	109	358
Leucaena leucocephala	LeuLeu			HAVO	Highway 11	Highway 11	33	both	Keali'i Bio	Linda Pratt	18-May-01	256886	2148424	UTM Zone 5 NAD 83	1127	3698
Leucaena leucocephala	LeuLeu			HAVO	Highway 11	Highway 11	34	both	Keali'i Bio	Linda Pratt	18-May-01	255546	2147576	UTM Zone 5 NAD 83	1087	3566
Leucaena leucocephala	LeuLeu			HAVO	Highway 11	Highway 11	39	mauka	Keali'i Bio		21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
Leucaena leucocephala	LeuLeu			HAVO	Highway 11	Highway 11	43	mauka	Keali'i Bio		30-May-01	246380	2136565	UTM Zone 5 NAD 83	726	2382
Leucaena leucocephala	LeuLeu			HAVO	Highway 11	Highway 11	44	both	Keali'i Bio	Robert Yamanoha	30-May-01	245606	2135157	UTM Zone 5 NAD 83	682	2238
Leucaena leucocephala	LeuLeu			HAVO	Highway 11	Highway 11	45	both	Keali'i Bio	Robert Yamanoha	30-May-01	244911	2133713	UTM Zone 5 NAD 83	628	2060
Leucaena leucocephala	LeuLeu			HAVO	Highway 11	Highway 11	46	both	Keali'i Bio	Robert Yamanoha	30-May-01	244057	2132365	UTM Zone 5 NAD 83	586	1923
Leucaena leucocephala	LeuLeu			HAVO	Highway 11	Highway 11	47	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699
Leucaena leucocephala	LeuLeu			HAVO	Highway 11	Highway 11	48	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	242779	2129420	UTM Zone 5 NAD 83	483	1585
Leucaena leucocephala	LeuLeu			HAVO	Highway 11	Highway 11	49	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Leucaena leucocephala	LeuLeu			HAVO	Highway 11	Highway 11	65	both	Keali'i Bio	Laura Nelson	16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Leucaena leucocephala	LeuLeu			HAVO	Highway 11	Highway 11	66	both	Keali'i Bio	Laura Nelson	16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Leucaena leucocephala	LeuLeu			HAVO	Highway 11	Highway 11	67	makai	Keali'i Bio		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Leucaena leucocephala	LeuLeu			HAVO	Highway 11	Highway 11	68	right	Keali'i Bio		03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Leucaena leucocephala	LeuLeu			HAVO	Highway 11	Highway 11	69	right	Keali'i Bio		03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Leucaena leucocephala	LeuLeu			HAVO	Highway 11	Highway 11	70	both	Keali'i Bio	Laura Nelson	03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Leucaena leucocephala	LeuLeu			HAVO	Highway 11	Highway 11	71	both	Keali'i Bio	Laura Nelson	03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047
Leucaena leucocephala	LeuLeu			HAVO	Highway 11	Highway 11	72	left	Laura Nelson		03-Apr-02	215850	2109628	UTM Zone 5 NAD 83	602	1975
Leucaena leucocephala	LeuLeu			HAVO	Highway 11	Highway 11	73	both	Keali'i Bio	Laura Nelson	02-Apr-02	214329	2110073	UTM Zone 5 NAD 83	597	1959
Leucaena leucocephala	LeuLeu			HAVO	Highway 11	Highway 11	75	left	Laura Nelson		02-Apr-02	211522	2111153	UTM Zone 5 NAD 83	596	1955
Leucaena leucocephala	LeuLeu			HAVO	Highway 11	Highway 11	76	both	Keali'i Bio	Laura Nelson	02-Apr-02	210081	2111710	UTM Zone 5 NAD 83	594	1949
Leucaena leucocephala	LeuLeu			HAVO	Highway 11	Highway 11	77	right	Keali'i Bio		02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Leucaena leucocephala	LeuLeu			HAVO	Highway 11	Highway 11	78	both	Keali'i Bio	Laura Nelson	02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955

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<i>Leucaena leucocephala</i>	LeuLeu			HAVO	Highway 11	Highway 11	79	both	Keali'i Bio	Laura Nelson	20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
<i>Ligustrum sinense</i>	LigSin			HAVO	Wright Rd	Wright Rd	4	right	Keali'i Bio		06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
<i>Ligustrum sinense</i>	LigSin			Residential	Mauna Loa Estates	5th			Keali'i Bio	Linda Pratt	12-Aug-03	266327	2149568	UTM Zone 5 NAD 83	1120	3675
<i>Ligustrum sinense</i>	LigSin			Residential	Mauna Loa Estates	8th			Keali'i Bio	Linda Pratt	12-Aug-03	266498	2149211	UTM Zone 5 NAD 83	1123	3684
<i>Ligustrum sinense</i>	LigSin			Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264690	2150983	UTM Zone 5 NAD 83	1158	3799
<i>Ligustrum sinense</i>	LigSin			Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	265062	2150323	UTM Zone 5 NAD 83	1141	3743
<i>Ligustrum sinense</i>	LigSin			Residential	Volcano Village	I'wi Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264670	2149864	UTM Zone 5 NAD 83	1161	3809
<i>Ligustrum sinense</i>	LigSin			Residential	Volcano Village	Kalani Honua			Keali'i Bio	Linda Pratt	05-Aug-03	265018	2150400	UTM Zone 5 NAD 83	1142	3747
<i>Ligustrum sinense</i>	LigSin			Residential	Volcano Village	Kalani Honua			Keali'i Bio	Linda Pratt	05-Aug-03	264556	2150447	UTM Zone 5 NAD 83	1165	3822
<i>Ligustrum sinense</i>	LigSin			Residential	Volcano Village	Kalanikoa			Keali'i Bio	Linda Pratt	05-Aug-03	264726	2149897	UTM Zone 5 NAD 83	1160	3806
<i>Ligustrum sinense</i>	LigSin			Residential	Volcano Village	Kilauea			Keali'i Bio	Linda Pratt	05-Aug-03	264649	2149873	UTM Zone 5 NAD 83	1162	3812
<i>Ligustrum sinense</i>	LigSin			Residential	Volcano Village	Old Volcano Hwy			Keali'i Bio	Linda Pratt	05-Aug-03	264660	2149194	UTM Zone 5 NAD 83	1164	3819
<i>Ligustrum sinense</i>	LigSin			Residential	Volcano Village	Old Volcano Hwy			Keali'i Bio	Linda Pratt	05-Aug-03	265216	2149679	UTM Zone 5 NAD 83	1143	3750
<i>Lonicera japonica</i>	LonJap			HAVO	Crater Rim Rd	Crater Rim Rd	0	both	Linda Pratt	Keali'i Bio	23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
<i>Lonicera japonica</i>	LonJap			HAVO	Highway 11	Highway 11	27	mauka	Linda Pratt	Robert Yamanoha	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
<i>Lonicera japonica</i>	LonJap			HAVO	Highway 11	Highway 11	29	mauka	Keali'i Bio		21-May-01	262687	2150443	UTM Zone 5 NAD 83	1219	3999
<i>Lonicera japonica</i>	LonJap			HAVO	Highway 11	Highway 11	39	mauka	Keali'i Bio		21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
<i>Lonicera japonica</i>	LonJap			HAVO	Wright Rd	Wright Rd	0	right	Keali'i Bio		06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
<i>Lonicera japonica</i>	LonJap			HAVO	Wright Rd	Wright Rd	3	both	Keali'i Bio	Linda Pratt	06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
<i>Lonicera japonica</i>	LonJap			HAVO	Wright Rd	Wright Rd	4	both	Keali'i Bio	Linda Pratt	06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
<i>Lophospermum erubescens</i>	LopEru			HAVO	Highway 11	Highway 11	66	makai	Keali'i Bio		16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
<i>Lophospermum erubescens</i>	LopEru			HAVO	Highway 11	Highway 11	71	right	Keali'i Bio		03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047
<i>Lophospermum erubescens</i>	LopEru			HAVO	Highway 11	Highway 11	77	right	Keali'i Bio		02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
<i>Luculia gratissima</i>	LucGra			Residential	Volcano Village	Kalanikoa			Keali'i Bio	Linda Pratt	05-Aug-03	264726	2149897	UTM Zone 5 NAD 83	1160	3806
<i>Macaranga mappa</i>	MacMap			East of HAVO	Highway 130	Highway 130	13	right	Keali'i Bio		19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
<i>Macaranga mappa</i>	MacMap			HAVO	Highway 11	Highway 11	77	right	Keali'i Bio		02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
<i>Macaranga mappa</i>	MacMap			HAVO	Highway 11	Highway 11	78	right	Keali'i Bio		02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
<i>Macaranga mappa</i>	MacMap			HAVO	Highway 11	Highway 11	79	mauka	Keali'i Bio		20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
<i>Macaranga tanarius</i>	MacTan		Y	East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
<i>Macaranga tanarius</i>	MacTan		Y	East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
<i>Macaranga tanarius</i>	MacTan		Y	East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
<i>Macaranga tanarius</i>	MacTan		Y	East of HAVO	Highway 130	Highway 130	14	right	Keali'i Bio		19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
<i>Macaranga tanarius</i>	MacTan		Y	HAVO	Highway 11	Highway 11	65	makai	Keali'i Bio		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
<i>Macleaya cordata**</i>	MacCor		Y	HAVO	Highway 11	Highway 11	49	mauka	Keali'i Bio		04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
<i>Macleaya cordata**</i>	MacCor		Y	HAVO	Highway 11	Highway 11	80	makai	Laura Nelson		20-Mar-02	204197	2114294	UTM Zone 5 NAD 83	583	1913
<i>Macleaya cordata**</i>	MacCor		Y	HAVO	Highway 11	Highway 11	81	makai	Laura Nelson		20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
<i>Manihot glaziovii</i>	ManGla		Y	East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
<i>Manihot glaziovii</i>	ManGla		Y	HAVO	Highway 11	Highway 11	81	makai	Laura Nelson		20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
<i>Melaleuca quinquenervia</i>	MelQui			HAVO	Highway 11	Highway 11	23	mauka	Linda Pratt		17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
<i>Melaleuca quinquenervia</i>	MelQui			HAVO	Highway 11	Highway 11	25	both	Keali'i Bio	Linda Pratt	17-May-01	267829	2151333	UTM Zone 5 NAD 83	1029	3376
<i>Melaleuca quinquenervia</i>	MelQui			HAVO	Highway 11	Highway 11	49	makai	Robert Yamanoha		04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
<i>Melaleuca quinquenervia</i>	MelQui			HAVO	Highway 11	Highway 11	68	both	Keali'i Bio	Laura Nelson	03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
<i>Melaleuca quinquenervia</i>	MelQui			HAVO	Highway 11	Highway 11	69	left	Laura Nelson		03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
<i>Melaleuca quinquenervia</i>	MelQui			HAVO	Highway 11	Highway 11	70	left	Laura Nelson		03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
<i>Melaleuca quinquenervia</i>	MelQui			HAVO	Highway 11	Highway 11	71	left	Laura Nelson		03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047
<i>Melaleuca quinquenervia</i>	MelQui			HAVO	Highway 11	Highway 11	78	left	Laura Nelson		02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
<i>Melaleuca quinquenervia</i>	MelQui			HAVO	Wright Rd	Wright Rd	0	left	Linda Pratt		06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
<i>Melaleuca quinquenervia</i>	MelQui			HAVO	Wright Rd	Wright Rd	1	right	Keali'i Bio		06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
<i>Melaleuca quinquenervia</i>	MelQui			HAVO	Wright Rd	Wright Rd	2	left	Linda Pratt		06-Oct-03	264381	2152867	UTM Zone 5 NAD 83	1161	3809
<i>Melaleuca quinquenervia</i>	MelQui			HAVO	Wright Rd	Wright Rd	3	left	Linda Pratt		06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
<i>Melaleuca quinquenervia</i>	MelQui			Residential	Mauna Loa Estates	10th			Keali'i Bio	Linda Pratt	05-Aug-03	267706	2149734	UTM Zone 5 NAD 83	1070	3510

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Melaleuca quinquenervia	MelQui			Residential	Mauna Loa Estates	13th			Keali'i Bio	Linda Pratt	05-Aug-03	267308	2148966	UTM Zone 5 NAD 83	1095	3593
Melaleuca quinquenervia	MelQui			Residential	Mauna Loa Estates	2nd			Keali'i Bio	Linda Pratt	12-Aug-03	267113	2150594	UTM Zone 5 NAD 83	1077	3533
Melaleuca quinquenervia	MelQui			Residential	Mauna Loa Estates	3rd			Keali'i Bio	Linda Pratt	12-Aug-03	266174	2149775	UTM Zone 5 NAD 83	1122	3681
Melaleuca quinquenervia	MelQui			Residential	Mauna Loa Estates	8th			Keali'i Bio	Linda Pratt	12-Aug-03	266498	2149211	UTM Zone 5 NAD 83	1123	3684
Melaleuca quinquenervia	MelQui			Residential	Mauna Loa Estates	Pearl			Keali'i Bio	Linda Pratt	05-Aug-03	266271	2150161	UTM Zone 5 NAD 83	1113	3652
Melaleuca quinquenervia	MelQui			Residential	Volcano Golf Course	Kaohelo			Keali'i Bio	Linda Pratt	12-Aug-03	260961	2151805	UTM Zone 5 NAD 83	1228	4029
Melaleuca quinquenervia	MelQui			Residential	Volcano Golf Course	Kolokea			Keali'i Bio	Linda Pratt	12-Aug-03	260806	2152014	UTM Zone 5 NAD 83	1227	4026
Melaleuca quinquenervia	MelQui			Residential	Volcano Golf Course	Piimauna			Keali'i Bio	Linda Pratt	12-Aug-03	260714	2151220	UTM Zone 5 NAD 83	1223	4012
Melaleuca quinquenervia	MelQui			Residential	Volcano Village	Kilauea			Keali'i Bio	Linda Pratt	05-Aug-03	264649	2149873	UTM Zone 5 NAD 83	1162	3812
Melaleuca quinquenervia	MelQui			Residential	Volcano Village	Old Volcano Hwy			Keali'i Bio	Linda Pratt	05-Aug-03	265216	2149679	UTM Zone 5 NAD 83	1143	3750
Melaleuca quinquenervia	MelQui			Residential	Volcano Village	Road C			Keali'i Bio	Linda Pratt	05-Aug-03	265199	2151994	UTM Zone 5 NAD 83	1137	3730
Melaleuca quinquenervia	MelQui			Residential	Volcano Village	Road D			Keali'i Bio	Linda Pratt	05-Aug-03	265712	2151426	UTM Zone 5 NAD 83	1125	3691
Melastoma sanguineum**	MelSan		Y	East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Melastoma sanguineum**	MelSan			Y	East of HAVO	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Melastoma sanguineum**	MelSan		Y	East of HAVO	Highway 130	Highway 130	14	right	Keali'i Bio		19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Melastoma sanguineum**	MelSan		Y	HAVO	Highway 11	Highway 11	24	maukai	Keali'i Bio		17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Melastoma septemnervium	MelSep			East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Melastoma septemnervium	MelSep			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Melastoma septemnervium	MelSep			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Melastoma septemnervium	MelSep			East of HAVO	Highway 130	Highway 130	14	right	Keali'i Bio		19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Melastoma septemnervium	MelSep			East of HAVO	Highway 130	Highway 130	15	both	Keali'i Bio	Linda Pratt	19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Melastoma septemnervium	MelSep			East of HAVO	Highway 130	Highway 130	16	left	Linda Pratt		19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Melastoma septemnervium	MelSep			East of HAVO	Highway 130	Highway 130	17	both	Keali'i Bio	Linda Pratt	19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Melastoma septemnervium	MelSep			East of HAVO	Highway 130	Highway 130	18	left	Chelsie Javar	Keali'i Bio	20-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Melastoma septemnervium	MelSep			East of HAVO	Stainback Highway	Stainback Highway	9	right	Keali'i Bio		24-Jan-05	272678	2166769	UTM Zone 5 NAD 83	694	2277
Melastoma septemnervium	MelSep			East of HAVO	Stainback Highway	Stainback Highway	10	left	Linda Pratt		24-Jan-05	271239	2166177	UTM Zone 5 NAD 83	793	2602
Melastoma septemnervium	MelSep			HAVO	Highway 11	Highway 11	23	both	Keali'i Bio	Linda Pratt	17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Melastoma septemnervium	MelSep			HAVO	Highway 11	Highway 11	24	both	Keali'i Bio	Linda Pratt	17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Melastoma septemnervium	MelSep			HAVO	Highway 11	Highway 11	25	mauka	Linda Pratt		17-May-01	267829	2151333	UTM Zone 5 NAD 83	1029	3376
Melastoma septemnervium	MelSep			Residential	Mauna Loa Estates	12th			Keali'i Bio	Linda Pratt	05-Aug-03	267613	2149349	UTM Zone 5 NAD 83	1084	3556
Melastoma septemnervium	MelSep			Residential	Mauna Loa Estates	1st			Keali'i Bio	Linda Pratt	12-Aug-03	266167	2150096	UTM Zone 5 NAD 83	1117	3665
Melastoma septemnervium	MelSep			Residential	Mauna Loa Estates	2nd			Keali'i Bio	Linda Pratt	12-Aug-03	267113	2150594	UTM Zone 5 NAD 83	1077	3533
Melastoma septemnervium	MelSep			Residential	Mauna Loa Estates	4th			Keali'i Bio	Linda Pratt	12-Aug-03	267267	2150381	UTM Zone 5 NAD 83	1074	3524
Melastoma septemnervium	MelSep			Residential	Mauna Loa Estates	Ruby			Keali'i Bio	Linda Pratt	05-Aug-03	266531	2150362	UTM Zone 5 NAD 83	1101	3612
Melia azedarach	MelAze			East of HAVO	Highway 130	Highway 130	18	left	Chelsie Javar	Keali'i Bio	20-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Melia azedarach	MelAze			HAVO	Highway 11	Highway 11	65	mauka	Laura Nelson		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Melia azedarach	MelAze			HAVO	Highway 11	Highway 11	78	left	Laura Nelson		02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Melinis minutiflora	MelMin			East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Melinis minutiflora	MelMin			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Melinis minutiflora	MelMin			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Melinis minutiflora	MelMin			East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Melinis minutiflora	MelMin			East of HAVO	Highway 130	Highway 130	15	both	Keali'i Bio	Linda Pratt	19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Melinis minutiflora	MelMin			East of HAVO	Highway 130	Highway 130	16	both	Keali'i Bio	Linda Pratt	19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Melinis minutiflora	MelMin			East of HAVO	Highway 130	Highway 130	17	both	Keali'i Bio	Linda Pratt	19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Melinis minutiflora	MelMin			East of HAVO	Highway 130	Highway 130	18	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Melinis minutiflora	MelMin			East of HAVO	Highway 130	Highway 130	19	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Melinis minutiflora	MelMin			East of HAVO	Highway 130	Highway 130	20	both	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Melinis minutiflora	MelMin			East of HAVO	Stainback Highway	Stainback Highway	9	both	Keali'i Bio	Linda Pratt	24-Jan-05	272678	2166769	UTM Zone 5 NAD 83	694	2277
Melinis minutiflora	MelMin			East of HAVO	Stainback Highway	Stainback Highway	10	both	Keali'i Bio	Linda Pratt	24-Jan-05	271239	2166177	UTM Zone 5 NAD 83	793	2602
Melinis minutiflora	MelMin			East of HAVO	Stainback Highway	Stainback Highway	11	both	Keali'i Bio	Linda Pratt	24-Jan-05	269708	2165751	UTM Zone 5 NAD 83	882	2894
Melinis minutiflora	MelMin			East of HAVO	Stainback Highway	Stainback Highway	12	both	Keali'i Bio	Linda Pratt	24-Jan-05	268168	2165427	UTM Zone 5 NAD 83	954	3130

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Melinis minutiflora	MelMin			East of HAVO	Stainback Highway	Stainback Highway	13	both	Keali'i Bio	Linda Pratt	24-Jan-05	266627	2165328	UTM Zone 5 NAD 83	1032	3386
Melinis minutiflora	MelMin			East of HAVO	Stainback Highway	Stainback Highway	14	both	Keali'i Bio	Linda Pratt	24-Jan-05	265311	2164578	UTM Zone 5 NAD 83	1130	3707
Melinis minutiflora	MelMin			East of HAVO	Stainback Highway	Stainback Highway	15	both	Keali'i Bio	Linda Pratt	24-Jan-05	263807	2164694	UTM Zone 5 NAD 83	1213	3980
Melinis minutiflora	MelMin			East of HAVO	Stainback Highway	Stainback Highway	16	both	Keali'i Bio	Linda Pratt	24-Jan-05	262244	2164420	UTM Zone 5 NAD 83	1328	4357
Melinis minutiflora	MelMin			East of HAVO	Stainback Highway	Stainback Highway	17	both	Keali'i Bio	Linda Pratt	24-Jan-05	260706	2164215	UTM Zone 5 NAD 83	1434	4705
Melinis minutiflora	MelMin			East of HAVO	Stainback Highway	Stainback Highway	18	left	Linda Pratt		24-Jan-05	259274	2163747	UTM Zone 5 NAD 83	1528	5013
Melinis minutiflora	MelMin			HAVO	Chain of Craters Rd	Chain of Craters Rd	0	both	Keali'i Bio	Linda Pratt	31-May-01	263393	2147218	UTM Zone 5 NAD 83	1135	3724
Melinis minutiflora	MelMin			HAVO	Chain of Craters Rd	Chain of Craters Rd	1	both	Keali'i Bio	Linda Pratt	31-May-01	263783	2145709	UTM Zone 5 NAD 83	1107	3632
Melinis minutiflora	MelMin			HAVO	Chain of Craters Rd	Chain of Craters Rd	2	both	Keali'i Bio	Linda Pratt	31-May-01	264754	2144382	UTM Zone 5 NAD 83	1045	3428
Melinis minutiflora	MelMin			HAVO	Chain of Craters Rd	Chain of Craters Rd	3	both	Keali'i Bio	Linda Pratt	31-May-01	265912	2143452	UTM Zone 5 NAD 83	1002	3287
Melinis minutiflora	MelMin			HAVO	Chain of Craters Rd	Chain of Craters Rd	4	both	Keali'i Bio	Linda Pratt	31-May-01	266449	2142261	UTM Zone 5 NAD 83	975	3199
Melinis minutiflora	MelMin			HAVO	Chain of Craters Rd	Chain of Craters Rd	5	both	Keali'i Bio	Linda Pratt	31-May-01	266926	2140904	UTM Zone 5 NAD 83	908	2979
Melinis minutiflora	MelMin			HAVO	Chain of Craters Rd	Chain of Craters Rd	6	both	Keali'i Bio	Linda Pratt	31-May-01	268022	2139839	UTM Zone 5 NAD 83	843	2766
Melinis minutiflora	MelMin			HAVO	Chain of Craters Rd	Chain of Craters Rd	7	right (odd mile)	Keali'i Bio		31-May-01	269208	2138981	UTM Zone 5 NAD 83	770	2526
Melinis minutiflora	MelMin			HAVO	Chain of Craters Rd	Chain of Craters Rd	8	both	Keali'i Bio	Linda Pratt	31-May-01	270524	2138448	UTM Zone 5 NAD 83	730	2395
Melinis minutiflora	MelMin			HAVO	Chain of Craters Rd	Chain of Craters Rd	9	both	Keali'i Bio	Linda Pratt	31-May-01	271712	2137525	UTM Zone 5 NAD 83	641	2103
Melinis minutiflora	MelMin			HAVO	Chain of Craters Rd	Chain of Craters Rd	10	both	Keali'i Bio	Linda Pratt	06-Jun-01	273179	2137236	UTM Zone 5 NAD 83	586	1923
Melinis minutiflora	MelMin			HAVO	Chain of Craters Rd	Chain of Craters Rd	11	both	Keali'i Bio	Linda Pratt	06-Jun-01	274716	2136863	UTM Zone 5 NAD 83	487	1598
Melinis minutiflora	MelMin			HAVO	Chain of Craters Rd	Chain of Craters Rd	12	both	Keali'i Bio	Linda Pratt	06-Jun-01	276347	2137027	UTM Zone 5 NAD 83	389	1276
Melinis minutiflora	MelMin			HAVO	Chain of Craters Rd	Chain of Craters Rd	13	both	Keali'i Bio	Linda Pratt	06-Jun-01	275080	2136341	UTM Zone 5 NAD 83	281	922
Melinis minutiflora	MelMin			HAVO	Chain of Craters Rd	Chain of Craters Rd	14	both	Keali'i Bio	Linda Pratt	06-Jun-01	273674	2135766	UTM Zone 5 NAD 83	195	640
Melinis minutiflora	MelMin			HAVO	Chain of Craters Rd	Chain of Craters Rd	15	left (even)	Linda Pratt		06-Jun-01	274404	2134602	UTM Zone 5 NAD 83	109	358
Melinis minutiflora	MelMin			HAVO	Chain of Craters Rd	Chain of Craters Rd	16	right (odd)	Keali'i Bio		06-Jun-01	275968	2134281	UTM Zone 5 NAD 83	46	151
Melinis minutiflora	MelMin			HAVO	Chain of Craters Rd	Chain of Craters Rd	17	left (even)	Linda Pratt		06-Jun-01	277363	2133480	UTM Zone 5 NAD 83	18	59
Melinis minutiflora	MelMin			HAVO	Chain of Craters Rd	Chain of Craters Rd	18	right (odd)	Keali'i Bio		06-Jun-01	278716	2134304	UTM Zone 5 NAD 83	13	43
Melinis minutiflora	MelMin			HAVO	Chain of Craters Rd	Chain of Craters Rd	19	both	Keali'i Bio	Linda Pratt	06-Jun-01	280123	2135093	UTM Zone 5 NAD 83	14	46
Melinis minutiflora	MelMin			HAVO	Crater Rim Rd	Crater Rim Rd	0	both	Linda Pratt	Keali'i Bio	23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Melinis minutiflora	MelMin			HAVO	Crater Rim Rd	Crater Rim Rd	1	both	Linda Pratt	Keali'i Bio	23-Jul-01	261717	2150216	UTM Zone 5 NAD 83	1210	3970
Melinis minutiflora	MelMin			HAVO	Crater Rim Rd	Crater Rim Rd	2	both	Linda Pratt	Keali'i Bio	23-Jul-01	260209	2149821	UTM Zone 5 NAD 83	1228	4029
Melinis minutiflora	MelMin			HAVO	Crater Rim Rd	Crater Rim Rd	3	both	Linda Pratt	Keali'i Bio	23-Jul-01	259205	2148667	UTM Zone 5 NAD 83	1214	3983
Melinis minutiflora	MelMin			HAVO	Crater Rim Rd	Crater Rim Rd	4	both	Linda Pratt	Keali'i Bio	23-Jul-01	258880	2147374	UTM Zone 5 NAD 83	1148	3766
Melinis minutiflora	MelMin			HAVO	Crater Rim Rd	Crater Rim Rd	5	left	Linda Pratt		23-Jul-01	259825	2146599	UTM Zone 5 NAD 83	1119	3671
Melinis minutiflora	MelMin			HAVO	Crater Rim Rd	Crater Rim Rd	6	both	Linda Pratt	Keali'i Bio	23-Jul-01	261322	2146491	UTM Zone 5 NAD 83	1109	3638
Melinis minutiflora	MelMin			HAVO	Crater Rim Rd	Crater Rim Rd	7	both	Linda Pratt	Keali'i Bio	23-Jul-01	262735	2147218	UTM Zone 5 NAD 83	1146	3760
Melinis minutiflora	MelMin			HAVO	Crater Rim Rd	Crater Rim Rd	8	both	Linda Pratt	Keali'i Bio	23-Jul-01	264190	2147608	UTM Zone 5 NAD 83	1153	3783
Melinis minutiflora	MelMin			HAVO	Crater Rim Rd	Crater Rim Rd	9	both	Linda Pratt	Keali'i Bio	23-Jul-01	264678	2148282	UTM Zone 5 NAD 83	1194	3917
Melinis minutiflora	MelMin			HAVO	Crater Rim Rd	Crater Rim Rd	10	both	Linda Pratt	Keali'i Bio	23-Jul-01	263738	2149287	UTM Zone 5 NAD 83	1181	3875
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	23	both	Keali'i Bio	Linda Pratt	17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	24	mauka	Linda Pratt		17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	25	both	Keali'i Bio	Linda Pratt	17-May-01	267829	2151333	UTM Zone 5 NAD 83	1029	3376
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	26	both	Keali'i Bio	Linda Pratt	17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	27	both	Keali'i Bio	Linda Pratt	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	28	both	Keali'i Bio	Robert Yamanoha	21-May-01	263792	2149317	UTM Zone 5 NAD 83	1182	3878
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	29	mauka	Keali'i Bio		21-May-01	262687	2150443	UTM Zone 5 NAD 83	1219	3999
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	30	both	Keali'i Bio	Linda Pratt	18-May-01	261165	2150609	UTM Zone 5 NAD 83	1226	4022
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	31	both	Keali'i Bio	Linda Pratt	18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	32	both	Keali'i Bio	Linda Pratt	18-May-01	258337	2149127	UTM Zone 5 NAD 83	1185	3888
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	33	both	Keali'i Bio	Linda Pratt	18-May-01	256886	2148424	UTM Zone 5 NAD 83	1127	3698
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	34	both	Keali'i Bio	Linda Pratt	18-May-01	255546	2147576	UTM Zone 5 NAD 83	1087	3566
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	35	both	Keali'i Bio	Linda Pratt	18-May-01	254327	2146502	UTM Zone 5 NAD 83	1046	3432
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	36	both	Keali'i Bio	Linda Pratt	18-May-01	253248	2145389	UTM Zone 5 NAD 83	1010	3314

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Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	37	both	Keali'i Bio	Robert Yamanoha	21-May-01	252204	2144180	UTM Zone 5 NAD 83	960	3150
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	38	both	Keali'i Bio	Robert Yamanoha	21-May-01	251039	2143084	UTM Zone 5 NAD 83	919	3015
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	39	both	Keali'i Bio	Robert Yamanoha	21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	40	mauka	Keali'i Bio		21-May-01	248932	2140652	UTM Zone 5 NAD 83	847	2779
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	41	both	Keali'i Bio	Robert Yamanoha	21-May-01	248047	2139309	UTM Zone 5 NAD 83	803	2635
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	42	both	Keali'i Bio	Robert Yamanoha	30-May-01	247211	2137934	UTM Zone 5 NAD 83	754	2474
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	43	both	Keali'i Bio	Robert Yamanoha	30-May-01	246380	2136565	UTM Zone 5 NAD 83	726	2382
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	44	both	Keali'i Bio	Robert Yamanoha	30-May-01	245606	2135157	UTM Zone 5 NAD 83	682	2238
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	45	both	Keali'i Bio	Robert Yamanoha	30-May-01	244911	2133713	UTM Zone 5 NAD 83	628	2060
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	46	both	Keali'i Bio	Robert Yamanoha	30-May-01	244057	2132365	UTM Zone 5 NAD 83	586	1923
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	47	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	48	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	242779	2129420	UTM Zone 5 NAD 83	483	1585
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	49	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	65	makai	Keali'i Bio		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	66	both	Keali'i Bio	Laura Nelson	16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	67	both	Keali'i Bio	Laura Nelson	16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	68	both	Keali'i Bio	Laura Nelson	03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	69	both	Keali'i Bio	Laura Nelson	03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	70	both	Keali'i Bio	Laura Nelson	03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	71	both	Keali'i Bio	Laura Nelson	03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	72	both	Keali'i Bio	Laura Nelson	03-Apr-02	215850	2109628	UTM Zone 5 NAD 83	602	1975
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	73	both	Keali'i Bio	Laura Nelson	02-Apr-02	214329	2110073	UTM Zone 5 NAD 83	597	1959
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	74	right	Keali'i Bio		02-Apr-02	213016	2110579	UTM Zone 5 NAD 83	596	1955
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	75	both	Keali'i Bio	Laura Nelson	02-Apr-02	211522	2111153	UTM Zone 5 NAD 83	596	1955
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	76	right	Keali'i Bio		02-Apr-02	210081	2111710	UTM Zone 5 NAD 83	594	1949
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	77	both	Keali'i Bio	Laura Nelson	02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	78	both	Keali'i Bio	Laura Nelson	02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	79	both	Keali'i Bio	Laura Nelson	20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	80	both	Keali'i Bio	Laura Nelson	20-Mar-02	204197	2114294	UTM Zone 5 NAD 83	583	1913
Melinis minutiflora	MelMin			HAVO	Highway 11	Highway 11	81	both	Keali'i Bio	Laura Nelson	20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Melinis minutiflora	MelMin			HAVO	Hilina Pali Rd	Hilina Pali Rd	0	both	Keali'i Bio	Linda Pratt	08-Aug-01	264928	2144119	UTM Zone 5 NAD 83	1034	3392
Melinis minutiflora	MelMin			HAVO	Hilina Pali Rd	Hilina Pali Rd	1	both	Keali'i Bio	Linda Pratt	08-Aug-01	263904	2142819	UTM Zone 5 NAD 83	1013	3323
Melinis minutiflora	MelMin			HAVO	Hilina Pali Rd	Hilina Pali Rd	2	both	Keali'i Bio	Linda Pratt	08-Aug-01	263132	2141554	UTM Zone 5 NAD 83	997	3271
Melinis minutiflora	MelMin			HAVO	Hilina Pali Rd	Hilina Pali Rd	3	both	Keali'i Bio	Linda Pratt	08-Aug-01	261892	2140618	UTM Zone 5 NAD 83	981	3219
Melinis minutiflora	MelMin			HAVO	Hilina Pali Rd	Hilina Pali Rd	4	both	Keali'i Bio	Linda Pratt	08-Aug-01	261042	2139784	UTM Zone 5 NAD 83	958	3143
Melinis minutiflora	MelMin			HAVO	Hilina Pali Rd	Hilina Pali Rd	5	both	Keali'i Bio	Linda Pratt	08-Aug-01	260579	2138426	UTM Zone 5 NAD 83	888	2913
Melinis minutiflora	MelMin			HAVO	Hilina Pali Rd	Hilina Pali Rd	6	both	Keali'i Bio	Linda Pratt	08-Aug-01	259221	2137810	UTM Zone 5 NAD 83	859	2818
Melinis minutiflora	MelMin			HAVO	Hilina Pali Rd	Hilina Pali Rd	7	both	Keali'i Bio	Linda Pratt	08-Aug-01	258530	2136558	UTM Zone 5 NAD 83	799	2621
Melinis minutiflora	MelMin			HAVO	Hilina Pali Rd	Hilina Pali Rd	8	both	Keali'i Bio	Linda Pratt	08-Aug-01	257632	2135674	UTM Zone 5 NAD 83	733	2405
Melinis minutiflora	MelMin			HAVO	Mauna Loa Rd	Mauna Loa Rd	0	both	Linda Pratt		20-Jun-01	260232	2150037	UTM Zone 5 NAD 83	1228	4029
Melinis minutiflora	MelMin			HAVO	Mauna Loa Rd	Mauna Loa Rd	1	both	Linda Pratt		20-Jun-01	258888	2150444	UTM Zone 5 NAD 83	1211	3973
Melinis minutiflora	MelMin			HAVO	Mauna Loa Rd	Mauna Loa Rd	2	both	Linda Pratt		20-Jun-01	257651	2151066	UTM Zone 5 NAD 83	1223	4012
Melinis minutiflora	MelMin			HAVO	Mauna Loa Rd	Mauna Loa Rd	3	both	Linda Pratt		20-Jun-01	256794	2151494	UTM Zone 5 NAD 83	1285	4216
Melinis minutiflora	MelMin			HAVO	Mauna Loa Rd	Mauna Loa Rd	4	both	Linda Pratt		20-Jun-01	255333	2151589	UTM Zone 5 NAD 83	1356	4449
Melinis minutiflora	MelMin			HAVO	Mauna Loa Rd	Mauna Loa Rd	5	both	Linda Pratt		20-Jun-01	254743	2152431	UTM Zone 5 NAD 83	1429	4688
Melinis minutiflora	MelMin			HAVO	Mauna Loa Rd	Mauna Loa Rd	7	both	Linda Pratt		20-Jun-01	253220	2154160	UTM Zone 5 NAD 83	1580	5184
Melinis minutiflora	MelMin			HAVO	Mauna Loa Rd	Mauna Loa Rd	9	both	Linda Pratt		20-Jun-01	250854	2155424	UTM Zone 5 NAD 83	1778	5833
Melinis minutiflora	MelMin			HAVO	Wright Rd	Wright Rd	2	both	Keali'i Bio	Linda Pratt	06-Oct-03	264381	2152867	UTM Zone 5 NAD 83	1161	3809
Melinis minutiflora	MelMin			HAVO	Wright Rd	Wright Rd	3	left	Linda Pratt		06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Melinis minutiflora	MelMin			HAVO	Wright Rd	Wright Rd	4	right	Keali'i Bio		06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Melinis repens	MelRep			East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604

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Melinis repens	MelRep			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Melinis repens	MelRep			East of HAVO	Highway 130	Highway 130	13	right	Keali'i Bio		19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Melinis repens	MelRep			East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Melinis repens	MelRep			East of HAVO	Highway 130	Highway 130	15	both	Keali'i Bio	Linda Pratt	19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Melinis repens	MelRep			East of HAVO	Highway 130	Highway 130	16	both	Keali'i Bio	Linda Pratt	19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Melinis repens	MelRep			East of HAVO	Highway 130	Highway 130	17	both	Keali'i Bio	Linda Pratt	19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Melinis repens	MelRep			East of HAVO	Highway 130	Highway 130	18	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Melinis repens	MelRep			East of HAVO	Highway 130	Highway 130	19	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Melinis repens	MelRep			East of HAVO	Highway 130	Highway 130	20	both	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Melinis repens	MelRep			HAVO	Chain of Craters Rd	Chain of Craters Rd	0	right (odd mile	Keali'i Bio		31-May-01	263393	2147218	UTM Zone 5 NAD 83	1135	3724
Melinis repens	MelRep			HAVO	Chain of Craters Rd	Chain of Craters Rd	3	left (even mile	Linda Pratt	Robert Yamanoha	31-May-01	265912	2143452	UTM Zone 5 NAD 83	1002	3287
Melinis repens	MelRep			HAVO	Chain of Craters Rd	Chain of Craters Rd	4	both	Keali'i Bio	Linda Pratt	31-May-01	266449	2142261	UTM Zone 5 NAD 83	975	3199
Melinis repens	MelRep			HAVO	Chain of Craters Rd	Chain of Craters Rd	5	both	Keali'i Bio	Linda Pratt	31-May-01	266926	2140904	UTM Zone 5 NAD 83	908	2979
Melinis repens	MelRep			HAVO	Chain of Craters Rd	Chain of Craters Rd	6	both	Keali'i Bio	Linda Pratt	31-May-01	268022	2139839	UTM Zone 5 NAD 83	843	2766
Melinis repens	MelRep			HAVO	Chain of Craters Rd	Chain of Craters Rd	7	both	Keali'i Bio	Linda Pratt	31-May-01	269208	2138981	UTM Zone 5 NAD 83	770	2526
Melinis repens	MelRep			HAVO	Chain of Craters Rd	Chain of Craters Rd	8	both	Keali'i Bio	Linda Pratt	31-May-01	270524	2138448	UTM Zone 5 NAD 83	730	2395
Melinis repens	MelRep			HAVO	Chain of Craters Rd	Chain of Craters Rd	9	both	Keali'i Bio	Linda Pratt	31-May-01	271712	2137525	UTM Zone 5 NAD 83	641	2103
Melinis repens	MelRep			HAVO	Chain of Craters Rd	Chain of Craters Rd	10	both	Keali'i Bio	Linda Pratt	06-Jun-01	273179	2137236	UTM Zone 5 NAD 83	586	1923
Melinis repens	MelRep			HAVO	Chain of Craters Rd	Chain of Craters Rd	11	both	Keali'i Bio	Linda Pratt	06-Jun-01	274716	2136863	UTM Zone 5 NAD 83	487	1598
Melinis repens	MelRep			HAVO	Chain of Craters Rd	Chain of Craters Rd	12	both	Keali'i Bio	Linda Pratt	06-Jun-01	276347	2137027	UTM Zone 5 NAD 83	389	1276
Melinis repens	MelRep			HAVO	Chain of Craters Rd	Chain of Craters Rd	13	both	Keali'i Bio	Linda Pratt	06-Jun-01	275080	2136341	UTM Zone 5 NAD 83	281	922
Melinis repens	MelRep			HAVO	Chain of Craters Rd	Chain of Craters Rd	14	both	Keali'i Bio	Linda Pratt	06-Jun-01	273674	2135766	UTM Zone 5 NAD 83	195	640
Melinis repens	MelRep			HAVO	Chain of Craters Rd	Chain of Craters Rd	15	both	Keali'i Bio	Linda Pratt	06-Jun-01	274404	2134602	UTM Zone 5 NAD 83	109	358
Melinis repens	MelRep			HAVO	Chain of Craters Rd	Chain of Craters Rd	16	both	Keali'i Bio	Linda Pratt	06-Jun-01	275968	2134281	UTM Zone 5 NAD 83	46	151
Melinis repens	MelRep			HAVO	Chain of Craters Rd	Chain of Craters Rd	17	both	Keali'i Bio	Linda Pratt	06-Jun-01	277363	2133480	UTM Zone 5 NAD 83	18	59
Melinis repens	MelRep			HAVO	Chain of Craters Rd	Chain of Craters Rd	18	both	Keali'i Bio	Linda Pratt	06-Jun-01	278716	2134304	UTM Zone 5 NAD 83	13	43
Melinis repens	MelRep			HAVO	Chain of Craters Rd	Chain of Craters Rd	19	both	Keali'i Bio	Linda Pratt	06-Jun-01	280123	2135093	UTM Zone 5 NAD 83	14	46
Melinis repens	MelRep			HAVO	Crater Rim Rd	Crater Rim Rd	3	both	Linda Pratt	Keali'i Bio	23-Jul-01	259205	2148667	UTM Zone 5 NAD 83	1214	3983
Melinis repens	MelRep			HAVO	Crater Rim Rd	Crater Rim Rd	4	both	Linda Pratt	Keali'i Bio	23-Jul-01	258880	2147374	UTM Zone 5 NAD 83	1148	3766
Melinis repens	MelRep			HAVO	Crater Rim Rd	Crater Rim Rd	5	left	Linda Pratt		23-Jul-01	259825	2146599	UTM Zone 5 NAD 83	1119	3671
Melinis repens	MelRep			HAVO	Crater Rim Rd	Crater Rim Rd	6	both	Linda Pratt	Keali'i Bio	23-Jul-01	261322	2146491	UTM Zone 5 NAD 83	1109	3638
Melinis repens	MelRep			HAVO	Crater Rim Rd	Crater Rim Rd	7	both	Linda Pratt	Keali'i Bio	23-Jul-01	262735	2147218	UTM Zone 5 NAD 83	1146	3760
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	27	both	Keali'i Bio	Linda Pratt	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	29	makai	Steve Dougill	Robert Yamanoha	21-May-01	262687	2150443	UTM Zone 5 NAD 83	1219	3999
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	30	both	Keali'i Bio	Linda Pratt	18-May-01	261165	2150609	UTM Zone 5 NAD 83	1226	4022
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	31	both	Keali'i Bio	Linda Pratt	18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	32	both	Keali'i Bio	Linda Pratt	18-May-01	258337	2149127	UTM Zone 5 NAD 83	1185	3888
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	33	both	Keali'i Bio	Linda Pratt	18-May-01	256886	2148424	UTM Zone 5 NAD 83	1127	3698
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	34	both	Keali'i Bio	Linda Pratt	18-May-01	255546	2147576	UTM Zone 5 NAD 83	1087	3566
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	35	both	Keali'i Bio	Linda Pratt	18-May-01	254327	2146502	UTM Zone 5 NAD 83	1046	3432
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	36	both	Keali'i Bio	Linda Pratt	18-May-01	253248	2145389	UTM Zone 5 NAD 83	1010	3314
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	37	both	Keali'i Bio	Robert Yamanoha	21-May-01	252204	2144180	UTM Zone 5 NAD 83	960	3150
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	38	both	Keali'i Bio	Robert Yamanoha	21-May-01	251039	2143084	UTM Zone 5 NAD 83	919	3015
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	39	both	Keali'i Bio	Robert Yamanoha	21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	40	both	Keali'i Bio	Robert Yamanoha	21-May-01	248932	2140652	UTM Zone 5 NAD 83	847	2779
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	41	both	Keali'i Bio	Robert Yamanoha	21-May-01	248047	2139309	UTM Zone 5 NAD 83	803	2635
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	42	both	Keali'i Bio	Robert Yamanoha	30-May-01	247211	2137934	UTM Zone 5 NAD 83	754	2474
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	43	both	Keali'i Bio	Robert Yamanoha	30-May-01	246380	2136565	UTM Zone 5 NAD 83	726	2382
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	44	both	Keali'i Bio	Robert Yamanoha	30-May-01	245606	2135157	UTM Zone 5 NAD 83	682	2238
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	45	both	Keali'i Bio	Robert Yamanoha	30-May-01	244911	2133713	UTM Zone 5 NAD 83	628	2060
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	46	both	Keali'i Bio	Robert Yamanoha	30-May-01	244057	2132365	UTM Zone 5 NAD 83	586	1923

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Melinis repens	MelRep			HAVO	Highway 11	Highway 11	47	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	48	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	242779	2129420	UTM Zone 5 NAD 83	483	1585
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	49	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	65	both	Keali'i Bio	Laura Nelson	16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	66	both	Keali'i Bio	Laura Nelson	16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	67	both	Keali'i Bio	Laura Nelson	16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	68	both	Keali'i Bio	Laura Nelson	03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	69	both	Keali'i Bio	Laura Nelson	03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	70	both	Keali'i Bio	Laura Nelson	03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	71	both	Keali'i Bio	Laura Nelson	03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	72	both	Keali'i Bio	Laura Nelson	03-Apr-02	215850	2109628	UTM Zone 5 NAD 83	602	1975
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	73	both	Keali'i Bio	Laura Nelson	02-Apr-02	214329	2110073	UTM Zone 5 NAD 83	597	1959
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	74	both	Keali'i Bio	Laura Nelson	02-Apr-02	213016	2110579	UTM Zone 5 NAD 83	596	1955
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	75	both	Keali'i Bio	Laura Nelson	02-Apr-02	211522	2111153	UTM Zone 5 NAD 83	596	1955
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	76	both	Keali'i Bio	Laura Nelson	02-Apr-02	210081	2111710	UTM Zone 5 NAD 83	594	1949
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	77	both	Keali'i Bio	Laura Nelson	02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	78	both	Keali'i Bio	Laura Nelson	02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	79	both	Keali'i Bio	Laura Nelson	20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	80	both	Keali'i Bio	Laura Nelson	20-Mar-02	204197	2114294	UTM Zone 5 NAD 83	583	1913
Melinis repens	MelRep			HAVO	Highway 11	Highway 11	81	both	Keali'i Bio	Laura Nelson	20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Melinis repens	MelRep			HAVO	Hilina Pali Rd	Hilina Pali Rd	1	both	Keali'i Bio	Linda Pratt	08-Aug-01	263904	2142819	UTM Zone 5 NAD 83	1013	3323
Melinis repens	MelRep			HAVO	Hilina Pali Rd	Hilina Pali Rd	2	both	Keali'i Bio	Linda Pratt	08-Aug-01	263132	2141554	UTM Zone 5 NAD 83	997	3271
Melinis repens	MelRep			HAVO	Hilina Pali Rd	Hilina Pali Rd	3	both	Keali'i Bio	Linda Pratt	08-Aug-01	261892	2140618	UTM Zone 5 NAD 83	981	3219
Melinis repens	MelRep			HAVO	Hilina Pali Rd	Hilina Pali Rd	4	both	Keali'i Bio	Linda Pratt	08-Aug-01	261042	2139784	UTM Zone 5 NAD 83	958	3143
Melinis repens	MelRep			HAVO	Hilina Pali Rd	Hilina Pali Rd	5	both	Keali'i Bio	Linda Pratt	08-Aug-01	260579	2138426	UTM Zone 5 NAD 83	888	2913
Melinis repens	MelRep			HAVO	Hilina Pali Rd	Hilina Pali Rd	6	both	Keali'i Bio	Linda Pratt	08-Aug-01	259221	2137810	UTM Zone 5 NAD 83	859	2818
Melinis repens	MelRep			HAVO	Hilina Pali Rd	Hilina Pali Rd	7	both	Keali'i Bio	Linda Pratt	08-Aug-01	258530	2136558	UTM Zone 5 NAD 83	799	2621
Melinis repens	MelRep			HAVO	Hilina Pali Rd	Hilina Pali Rd	8	both	Keali'i Bio	Linda Pratt	08-Aug-01	257632	2135674	UTM Zone 5 NAD 83	733	2405
Melinis repens	MelRep			HAVO	Mauna Loa Rd	Mauna Loa Rd	4	both	Linda Pratt		20-Jun-01	255333	2151589	UTM Zone 5 NAD 83	1356	4449
Melinis repens	MelRep			HAVO	Mauna Loa Rd	Mauna Loa Rd	5	both	Linda Pratt		20-Jun-01	254743	2152431	UTM Zone 5 NAD 83	1429	4688
Melinis repens	MelRep			HAVO	Mauna Loa Rd	Mauna Loa Rd	7	both	Linda Pratt		20-Jun-01	253220	2154160	UTM Zone 5 NAD 83	1580	5184
Melinis repens	MelRep			HAVO	Mauna Loa Rd	Mauna Loa Rd	8	both	Linda Pratt		20-Jun-01	252221	2155114	UTM Zone 5 NAD 83	1686	5531
Melinis repens	MelRep			HAVO	Mauna Loa Rd	Mauna Loa Rd	9	both	Linda Pratt		20-Jun-01	250854	2155424	UTM Zone 5 NAD 83	1778	5833
Melinis repens	MelRep			HAVO	Mauna Loa Rd	Mauna Loa Rd	10	both	Linda Pratt		20-Jun-01	250386	2156103	UTM Zone 5 NAD 83	1883	6178
Melochia umbellata	MelUmb			East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Melochia umbellata	MelUmb			East of HAVO	Highway 130	Highway 130	12	right	Keali'i Bio		19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Melochia umbellata	MelUmb			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Melochia umbellata	MelUmb			East of HAVO	Highway 130	Highway 130	14	left	Linda Pratt		19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Melochia umbellata	MelUmb			East of HAVO	Highway 130	Highway 130	15	both	Keali'i Bio	Linda Pratt	19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Melochia umbellata	MelUmb			East of HAVO	Highway 130	Highway 130	16	both	Keali'i Bio	Linda Pratt	19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Melochia umbellata	MelUmb			East of HAVO	Highway 130	Highway 130	17	both	Keali'i Bio	Linda Pratt	19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Melochia umbellata	MelUmb			East of HAVO	Highway 130	Highway 130	18	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Melochia umbellata	MelUmb			East of HAVO	Highway 130	Highway 130	19	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Melochia umbellata	MelUmb			East of HAVO	Highway 130	Highway 130	20	both	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Melochia umbellata	MelUmb			HAVO	Chain of Craters Rd	Chain of Craters Rd	3	right (odd mile	Keali'i Bio		31-May-01	265912	2143452	UTM Zone 5 NAD 83	1002	3287
Melochia umbellata	MelUmb			HAVO	Highway 11	Highway 11	45	mauka	Keali'i Bio		30-May-01	244911	2133713	UTM Zone 5 NAD 83	628	2060
Melochia umbellata	MelUmb			HAVO	Highway 11	Highway 11	49	makai	Robert Yamanoha		04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Melochia umbellata	MelUmb			HAVO	Highway 11	Highway 11	65	mauka	Laura Nelson		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Melochia umbellata	MelUmb			HAVO	Highway 11	Highway 11	75	left	Laura Nelson		02-Apr-02	211522	2111153	UTM Zone 5 NAD 83	596	1955
Merremia tuberosa	MerTub		Y	HAVO	Highway 11	Highway 11	65	both	Keali'i Bio	Laura Nelson	16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Merremia tuberosa	MerTub		Y	HAVO	Highway 11	Highway 11	66	makai	Keali'i Bio		16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106

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Metrosideros excelsa	MetExc			Residential	Volcano Golf Course	Kanawao			Keali'i Bio	Linda Pratt	12-Aug-03	260269	2151514	UTM Zone 5 NAD 83	1221	4006
Metrosideros excelsa	MetExc			Residential	Volcano Golf Course	Pukiawe Circle E			Keali'i Bio	Linda Pratt	12-Aug-03	260894	2151948	UTM Zone 5 NAD 83	1228	4029
Miconia calvescens	MicCal			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Monstera deliciosa	MonDel			HAVO	Wright Rd	Wright Rd	0	both	Keali'i Bio	Linda Pratt	06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Monstera deliciosa	MonDel			HAVO	Wright Rd	Wright Rd	3	right	Keali'i Bio		06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Monstera deliciosa	MonDel			HAVO	Wright Rd	Wright Rd	4	left	Linda Pratt		06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Montanoa hibiscifolia**	MonHib		Y	HAVO	Highway 11	Highway 11	47	mauka	Keali'i Bio		04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699
Montanoa hibiscifolia**	MonHib		Y	HAVO	Highway 11	Highway 11	65	both	Keali'i Bio	Laura Nelson	16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Montanoa hibiscifolia**	MonHib		Y	HAVO	Highway 11	Highway 11	66	both	Keali'i Bio	Laura Nelson	16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Montanoa hibiscifolia**	MonHib		Y	HAVO	Highway 11	Highway 11	67	mauka	Laura Nelson		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Montanoa hibiscifolia**	MonHib		Y	HAVO	Highway 11	Highway 11	68	left	Laura Nelson		03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Morella faya**	MorFay			HAVO	Chain of Craters Rd	Chain of Craters Rd	0	both	Keali'i Bio	Linda Pratt	31-May-01	263393	2147218	UTM Zone 5 NAD 83	1135	3724
Morella faya**	MorFay			HAVO	Chain of Craters Rd	Chain of Craters Rd	1	both	Keali'i Bio	Linda Pratt	31-May-01	263783	2145709	UTM Zone 5 NAD 83	1107	3632
Morella faya**	MorFay			HAVO	Chain of Craters Rd	Chain of Craters Rd	2	both	Keali'i Bio	Linda Pratt	31-May-01	264754	2144382	UTM Zone 5 NAD 83	1045	3428
Morella faya**	MorFay			HAVO	Chain of Craters Rd	Chain of Craters Rd	3	both	Keali'i Bio	Linda Pratt	31-May-01	265912	2143452	UTM Zone 5 NAD 83	1002	3287
Morella faya**	MorFay			HAVO	Chain of Craters Rd	Chain of Craters Rd	4	both	Keali'i Bio	Linda Pratt	31-May-01	266449	2142261	UTM Zone 5 NAD 83	975	3199
Morella faya**	MorFay			HAVO	Chain of Craters Rd	Chain of Craters Rd	5	both	Keali'i Bio	Linda Pratt	31-May-01	266926	2140904	UTM Zone 5 NAD 83	908	2979
Morella faya**	MorFay			HAVO	Chain of Craters Rd	Chain of Craters Rd	6	left (even mile	Linda Pratt	Robert Yamanoha	31-May-01	268022	2139839	UTM Zone 5 NAD 83	843	2766
Morella faya**	MorFay			HAVO	Chain of Craters Rd	Chain of Craters Rd	7	left (even mile	Linda Pratt	Robert Yamanoha	31-May-01	269208	2138981	UTM Zone 5 NAD 83	770	2526
Morella faya**	MorFay			HAVO	Chain of Craters Rd	Chain of Craters Rd	8	both	Keali'i Bio	Linda Pratt	31-May-01	270524	2138448	UTM Zone 5 NAD 83	730	2395
Morella faya**	MorFay			HAVO	Crater Rim Rd	Crater Rim Rd	0	both	Linda Pratt	Keali'i Bio	23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Morella faya**	MorFay			HAVO	Crater Rim Rd	Crater Rim Rd	1	both	Linda Pratt	Keali'i Bio	23-Jul-01	261717	2150216	UTM Zone 5 NAD 83	1210	3970
Morella faya**	MorFay			HAVO	Crater Rim Rd	Crater Rim Rd	2	both	Linda Pratt	Keali'i Bio	23-Jul-01	260209	2149821	UTM Zone 5 NAD 83	1228	4029
Morella faya**	MorFay			HAVO	Crater Rim Rd	Crater Rim Rd	3	right	Keali'i Bio		23-Jul-01	259205	2148667	UTM Zone 5 NAD 83	1214	3983
Morella faya**	MorFay			HAVO	Crater Rim Rd	Crater Rim Rd	6	both	Linda Pratt	Keali'i Bio	23-Jul-01	261322	2146491	UTM Zone 5 NAD 83	1109	3638
Morella faya**	MorFay			HAVO	Crater Rim Rd	Crater Rim Rd	7	both	Linda Pratt	Keali'i Bio	23-Jul-01	262735	2147218	UTM Zone 5 NAD 83	1146	3760
Morella faya**	MorFay			HAVO	Crater Rim Rd	Crater Rim Rd	8	both	Linda Pratt	Keali'i Bio	23-Jul-01	264190	2147608	UTM Zone 5 NAD 83	1153	3783
Morella faya**	MorFay			HAVO	Crater Rim Rd	Crater Rim Rd	9	left	Keali'i Bio		23-Jul-01	264678	2148282	UTM Zone 5 NAD 83	1194	3917
Morella faya**	MorFay			HAVO	Crater Rim Rd	Crater Rim Rd	10	both	Linda Pratt	Keali'i Bio	23-Jul-01	263738	2149287	UTM Zone 5 NAD 83	1181	3875
Morella faya**	MorFay			HAVO	Highway 11	Highway 11	23	makai	Keali'i Bio		17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Morella faya**	MorFay			HAVO	Highway 11	Highway 11	24	both	Keali'i Bio	Linda Pratt	17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Morella faya**	MorFay			HAVO	Highway 11	Highway 11	25	both	Keali'i Bio	Linda Pratt	17-May-01	267829	2151333	UTM Zone 5 NAD 83	1029	3376
Morella faya**	MorFay			HAVO	Highway 11	Highway 11	26	both	Keali'i Bio	Linda Pratt	17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Morella faya**	MorFay			HAVO	Highway 11	Highway 11	27	both	Keali'i Bio	Linda Pratt	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Morella faya**	MorFay			HAVO	Highway 11	Highway 11	28	both	Keali'i Bio	Robert Yamanoha	21-May-01	263792	2149317	UTM Zone 5 NAD 83	1182	3878
Morella faya**	MorFay			HAVO	Highway 11	Highway 11	29	both	Keali'i Bio	Robert Yamanoha	21-May-01	262687	2150443	UTM Zone 5 NAD 83	1219	3999
Morella faya**	MorFay			HAVO	Highway 11	Highway 11	30	both	Keali'i Bio	Linda Pratt	18-May-01	261165	2150609	UTM Zone 5 NAD 83	1226	4022
Morella faya**	MorFay			HAVO	Highway 11	Highway 11	31	both	Keali'i Bio	Linda Pratt	18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009
Morella faya**	MorFay			HAVO	Hilina Pali Rd	Hilina Pali Rd	0	both	Keali'i Bio	Linda Pratt	08-Aug-01	264928	2144119	UTM Zone 5 NAD 83	1034	3392
Morella faya**	MorFay			HAVO	Hilina Pali Rd	Hilina Pali Rd	1	both	Keali'i Bio	Linda Pratt	08-Aug-01	263904	2142819	UTM Zone 5 NAD 83	1013	3323
Morella faya**	MorFay			HAVO	Hilina Pali Rd	Hilina Pali Rd	2	both	Keali'i Bio	Linda Pratt	08-Aug-01	263132	2141554	UTM Zone 5 NAD 83	997	3271
Morella faya**	MorFay			HAVO	Hilina Pali Rd	Hilina Pali Rd	3	both	Keali'i Bio	Linda Pratt	08-Aug-01	261892	2140618	UTM Zone 5 NAD 83	981	3219
Morella faya**	MorFay			HAVO	Hilina Pali Rd	Hilina Pali Rd	4	left	Linda Pratt		08-Aug-01	261042	2139784	UTM Zone 5 NAD 83	958	3143
Morella faya**	MorFay			HAVO	Hilina Pali Rd	Hilina Pali Rd	5	both	Keali'i Bio	Linda Pratt	08-Aug-01	260579	2138426	UTM Zone 5 NAD 83	888	2913
Morella faya**	MorFay			HAVO	Hilina Pali Rd	Hilina Pali Rd	6	both	Keali'i Bio	Linda Pratt	08-Aug-01	259221	2137810	UTM Zone 5 NAD 83	859	2818
Morella faya**	MorFay			HAVO	Hilina Pali Rd	Hilina Pali Rd	7	right	Keali'i Bio		08-Aug-01	258530	2136558	UTM Zone 5 NAD 83	799	2621
Morella faya**	MorFay			HAVO	Mauna Loa Rd	Mauna Loa Rd	0	both	Linda Pratt		20-Jun-01	260232	2150037	UTM Zone 5 NAD 83	1228	4029
Morella faya**	MorFay			HAVO	Wright Rd	Wright Rd	0	both	Keali'i Bio	Linda Pratt	06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Morella faya**	MorFay			HAVO	Wright Rd	Wright Rd	1	both	Keali'i Bio	Linda Pratt	06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Morella faya**	MorFay			HAVO	Wright Rd	Wright Rd	2	right	Keali'i Bio		06-Oct-03	264381	2152867	UTM Zone 5 NAD 83	1161	3809
Morella faya**	MorFay			Residential	Mauna Loa Estates	10th			Keali'i Bio	Linda Pratt	05-Aug-03	267706	2149734	UTM Zone 5 NAD 83	1070	3510

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Morella faya**	MorFay			Residential	Mauna Loa Estates	12th		Keali'i Bio	Linda Pratt	05-Aug-03	267613	2149349	UTM Zone 5 NAD 83	1084	3556
Morella faya**	MorFay			Residential	Mauna Loa Estates	1st		Keali'i Bio	Linda Pratt	12-Aug-03	266167	2150096	UTM Zone 5 NAD 83	1117	3665
Morella faya**	MorFay			Residential	Mauna Loa Estates	2nd		Keali'i Bio	Linda Pratt	12-Aug-03	267113	2150594	UTM Zone 5 NAD 83	1077	3533
Morella faya**	MorFay			Residential	Mauna Loa Estates	3rd		Keali'i Bio	Linda Pratt	12-Aug-03	266174	2149775	UTM Zone 5 NAD 83	1122	3681
Morella faya**	MorFay			Residential	Mauna Loa Estates	4th		Keali'i Bio	Linda Pratt	12-Aug-03	267267	2150381	UTM Zone 5 NAD 83	1074	3524
Morella faya**	MorFay			Residential	Mauna Loa Estates	5th		Keali'i Bio	Linda Pratt	12-Aug-03	266327	2149568	UTM Zone 5 NAD 83	1120	3675
Morella faya**	MorFay			Residential	Mauna Loa Estates	6th		Keali'i Bio	Linda Pratt	12-Aug-03	267422	2150179	UTM Zone 5 NAD 83	1063	3488
Morella faya**	MorFay			Residential	Mauna Loa Estates	7th		Keali'i Bio	Linda Pratt	12-Aug-03	266470	2149349	UTM Zone 5 NAD 83	1121	3678
Morella faya**	MorFay			Residential	Mauna Loa Estates	8th		Keali'i Bio	Linda Pratt	12-Aug-03	266498	2149211	UTM Zone 5 NAD 83	1123	3684
Morella faya**	MorFay			Residential	Mauna Loa Estates	9th		Keali'i Bio	Linda Pratt	05-Aug-03	266599	2149121	UTM Zone 5 NAD 83	1119	3671
Morella faya**	MorFay			Residential	Mauna Loa Estates	Jade		Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Morella faya**	MorFay			Residential	Mauna Loa Estates	Jade		Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Morella faya**	MorFay			Residential	Mauna Loa Estates	Jade		Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Morella faya**	MorFay			Residential	Mauna Loa Estates	Jade		Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Morella faya**	MorFay			Residential	Mauna Loa Estates	Jade		Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Morella faya**	MorFay			Residential	Mauna Loa Estates	Pearl		Keali'i Bio	Linda Pratt	05-Aug-03	267039	2149092	UTM Zone 5 NAD 83	1108	3635
Morella faya**	MorFay			Residential	Mauna Loa Estates	Pearl		Keali'i Bio	Linda Pratt	05-Aug-03	266271	2150161	UTM Zone 5 NAD 83	1113	3652
Morella faya**	MorFay			Residential	Mauna Loa Estates	Ruby		Keali'i Bio	Linda Pratt	05-Aug-03	266531	2150362	UTM Zone 5 NAD 83	1101	3612
Morella faya**	MorFay			Residential	Volcano Golf Course	Ka'akia		Keali'i Bio	Linda Pratt	12-Aug-03	260531	2151897	UTM Zone 5 NAD 83	1227	4026
Morella faya**	MorFay			Residential	Volcano Golf Course	Kaekaha		Keali'i Bio	Linda Pratt	12-Aug-03	260497	2151315	UTM Zone 5 NAD 83	1219	3999
Morella faya**	MorFay			Residential	Volcano Golf Course	Kanawao		Keali'i Bio	Linda Pratt	12-Aug-03	260269	2151514	UTM Zone 5 NAD 83	1221	4006
Morella faya**	MorFay			Residential	Volcano Golf Course	Kanawao		Keali'i Bio	Linda Pratt	12-Aug-03	260338	2151218	UTM Zone 5 NAD 83	1218	3996
Morella faya**	MorFay			Residential	Volcano Golf Course	Kanoni		Keali'i Bio	Linda Pratt	12-Aug-03	260302	2151756	UTM Zone 5 NAD 83	1225	4019
Morella faya**	MorFay			Residential	Volcano Golf Course	Kaohelo		Keali'i Bio	Linda Pratt	12-Aug-03	260961	2151805	UTM Zone 5 NAD 83	1228	4029
Morella faya**	MorFay			Residential	Volcano Golf Course	Kapoha		Keali'i Bio	Linda Pratt	12-Aug-03	260904	2151945	UTM Zone 5 NAD 83	1228	4029
Morella faya**	MorFay			Residential	Volcano Golf Course	Kilauea		Keali'i Bio	Linda Pratt	12-Aug-03	260465	2151503	UTM Zone 5 NAD 83	1222	4009
Morella faya**	MorFay			Residential	Volcano Golf Course	Kolokea		Keali'i Bio	Linda Pratt	12-Aug-03	260806	2152014	UTM Zone 5 NAD 83	1227	4026
Morella faya**	MorFay			Residential	Volcano Golf Course	Painiu		Keali'i Bio	Linda Pratt	12-Aug-03	260928	2151431	UTM Zone 5 NAD 83	1226	4022
Morella faya**	MorFay			Residential	Volcano Golf Course	Palaa		Keali'i Bio	Linda Pratt	12-Aug-03	260126	2151287	UTM Zone 5 NAD 83	1219	3999
Morella faya**	MorFay			Residential	Volcano Golf Course	Piimauna		Keali'i Bio	Linda Pratt	12-Aug-03	260201	2151733	UTM Zone 5 NAD 83	1224	4016
Morella faya**	MorFay			Residential	Volcano Golf Course	Piimauna		Keali'i Bio	Linda Pratt	12-Aug-03	260714	2151220	UTM Zone 5 NAD 83	1223	4012
Morella faya**	MorFay			Residential	Volcano Golf Course	Popohau		Keali'i Bio	Linda Pratt	12-Aug-03	260694	2151250	UTM Zone 5 NAD 83	1223	4012
Morella faya**	MorFay			Residential	Volcano Golf Course	Pukiawe Circle E		Keali'i Bio	Linda Pratt	12-Aug-03	260894	2151948	UTM Zone 5 NAD 83	1228	4029
Morella faya**	MorFay			Residential	Volcano Golf Course	Pukiawe Circle E		Keali'i Bio	Linda Pratt	12-Aug-03	260735	2151256	UTM Zone 5 NAD 83	1223	4012
Morella faya**	MorFay			Residential	Volcano Golf Course	Pukiawe Circle W		Keali'i Bio	Linda Pratt	12-Aug-03	260317	2151596	UTM Zone 5 NAD 83	1223	4012
Morella faya**	MorFay			Residential	Volcano Golf Course	Pukiawe Circle W		Keali'i Bio	Linda Pratt	12-Aug-03	260379	2151269	UTM Zone 5 NAD 83	1219	3999
Morella faya**	MorFay			Residential	Volcano Golf Course	Pukiawe Pl.		Keali'i Bio	Linda Pratt	12-Aug-03	260609	2151405	UTM Zone 5 NAD 83	1223	4012
Morella faya**	MorFay			Residential	Volcano Golf Course	Uluhe Pl.		Keali'i Bio	Linda Pratt	12-Aug-03	260922	2151449	UTM Zone 5 NAD 83	1226	4022
Morella faya**	MorFay			Residential	Volcano Village	Elepaio		Keali'i Bio	Linda Pratt	05-Aug-03	264484	2151364	UTM Zone 5 NAD 83	1170	3839
Morella faya**	MorFay			Residential	Volcano Village	Haunani Rd.		Keali'i Bio	Linda Pratt	05-Aug-03	264690	2150983	UTM Zone 5 NAD 83	1158	3799
Morella faya**	MorFay			Residential	Volcano Village	Haunani Rd.		Keali'i Bio	Linda Pratt	05-Aug-03	265443	2149531	UTM Zone 5 NAD 83	1143	3750
Morella faya**	MorFay			Residential	Volcano Village	Haunani Rd.		Keali'i Bio	Linda Pratt	05-Aug-03	264300	2151658	UTM Zone 5 NAD 83	1172	3845
Morella faya**	MorFay			Residential	Volcano Village	I'wi Rd.		Keali'i Bio	Linda Pratt	05-Aug-03	264670	2149864	UTM Zone 5 NAD 83	1161	3809
Morella faya**	MorFay			Residential	Volcano Village	I'wi Rd.		Keali'i Bio	Linda Pratt	05-Aug-03	263829	2151195	UTM Zone 5 NAD 83	1195	3921
Morella faya**	MorFay			Residential	Volcano Village	I'wi Rd.		Keali'i Bio	Linda Pratt	05-Aug-03	264207	2150551	UTM Zone 5 NAD 83	1180	3871
Morella faya**	MorFay			Residential	Volcano Village	Keonelehua		Keali'i Bio	Linda Pratt	05-Aug-03	265525	2150832	UTM Zone 5 NAD 83	1138	3734
Morella faya**	MorFay			Residential	Volcano Village	Kilauea		Keali'i Bio	Linda Pratt	05-Aug-03	265390	2150283	UTM Zone 5 NAD 83	1134	3720
Morella faya**	MorFay			Residential	Volcano Village	Kilauea		Keali'i Bio	Linda Pratt	05-Aug-03	264649	2149873	UTM Zone 5 NAD 83	1162	3812
Morella faya**	MorFay			Residential	Volcano Village	Laukapu		Keali'i Bio	Linda Pratt	05-Aug-03	265110	2151069	UTM Zone 5 NAD 83	1145	3757
Morella faya**	MorFay			Residential	Volcano Village	Laukapu		Keali'i Bio	Linda Pratt	05-Aug-03	265865	2151504	UTM Zone 5 NAD 83	1117	3665

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Morella faya**	MorFay			Residential	Volcano Village	Old Volcano Hwy			Keali'i Bio	Linda Pratt	05-Aug-03	265876	2150043	UTM Zone 5 NAD 83	1127	3698
Morella faya**	MorFay			Residential	Volcano Village	Old Volcano Hwy			Keali'i Bio	Linda Pratt	05-Aug-03	265216	2149679	UTM Zone 5 NAD 83	1143	3750
Morella faya**	MorFay			Residential	Volcano Village	Old Volcano Hwy			Keali'i Bio	Linda Pratt	05-Aug-03	264660	2149194	UTM Zone 5 NAD 83	1164	3819
Morella faya**	MorFay			Residential	Volcano Village	Road B			Keali'i Bio	Linda Pratt	05-Aug-03	265452	2151277	UTM Zone 5 NAD 83	1135	3724
Morella faya**	MorFay			Residential	Volcano Village	Road C			Keali'i Bio	Linda Pratt	05-Aug-03	265199	2151994	UTM Zone 5 NAD 83	1137	3730
Morella faya**	MorFay			Residential	Volcano Village	Road D			Keali'i Bio	Linda Pratt	05-Aug-03	265712	2151426	UTM Zone 5 NAD 83	1125	3691
Morella faya**	MorFay			Residential	Volcano Village	Road E			Keali'i Bio	Linda Pratt	05-Aug-03	265470	2152152	UTM Zone 5 NAD 83	1129	3704
Murdannia sp. (Aneilema sp.)	MurSp		Y	HAVO	Highway 11	Highway 11	69	left	Laura Nelson		03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Neonotonia wightii	NeoWig	Y		HAVO	Highway 11	Highway 11	23	mauka	Linda Pratt		17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Neonotonia wightii	NeoWig	Y		HAVO	Highway 11	Highway 11	33	both	Keali'i Bio	Linda Pratt	18-May-01	256886	2148424	UTM Zone 5 NAD 83	1127	3698
Neonotonia wightii	NeoWig	Y		HAVO	Highway 11	Highway 11	34	both	Keali'i Bio	Linda Pratt	18-May-01	255546	2147576	UTM Zone 5 NAD 83	1087	3566
Neonotonia wightii	NeoWig	Y		HAVO	Highway 11	Highway 11	39	mauka	Keali'i Bio		21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
Neonotonia wightii	NeoWig	Y		HAVO	Highway 11	Highway 11	40	mauka	Keali'i Bio		21-May-01	248932	2140652	UTM Zone 5 NAD 83	847	2779
Neonotonia wightii	NeoWig	Y		HAVO	Highway 11	Highway 11	44	both	Keali'i Bio	Robert Yamanoha	30-May-01	245606	2135157	UTM Zone 5 NAD 83	682	2238
Neonotonia wightii	NeoWig	Y		HAVO	Highway 11	Highway 11	46	both	Keali'i Bio	Robert Yamanoha	30-May-01	244057	2132365	UTM Zone 5 NAD 83	586	1923
Neonotonia wightii	NeoWig	Y		HAVO	Highway 11	Highway 11	47	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699
Neonotonia wightii	NeoWig	Y		HAVO	Highway 11	Highway 11	48	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	242779	2129420	UTM Zone 5 NAD 83	483	1585
Neonotonia wightii	NeoWig	Y		HAVO	Highway 11	Highway 11	49	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Neonotonia wightii	NeoWig	Y		HAVO	Highway 11	Highway 11	65	both	Keali'i Bio	Laura Nelson	16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Neonotonia wightii	NeoWig	Y		HAVO	Highway 11	Highway 11	68	right	Keali'i Bio		03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Neonotonia wightii	NeoWig	Y		HAVO	Highway 11	Highway 11	69	both	Keali'i Bio	Laura Nelson	03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Neonotonia wightii	NeoWig	Y		HAVO	Highway 11	Highway 11	70	left	Laura Nelson		03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Neonotonia wightii	NeoWig	Y		HAVO	Highway 11	Highway 11	71	left	Laura Nelson		03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047
Neonotonia wightii	NeoWig	Y		HAVO	Highway 11	Highway 11	77	right	Keali'i Bio		02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Neonotonia wightii	NeoWig	Y		HAVO	Highway 11	Highway 11	81	makai	Laura Nelson		20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Nephrolepis brownii	NepBro			East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Nephrolepis brownii	NepBro			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Nephrolepis brownii	NepBro			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Nephrolepis brownii	NepBro			East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Nephrolepis brownii	NepBro			East of HAVO	Highway 130	Highway 130	15	both	Keali'i Bio	Linda Pratt	19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Nephrolepis brownii	NepBro			East of HAVO	Highway 130	Highway 130	16	both	Keali'i Bio	Linda Pratt	19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Nephrolepis brownii	NepBro			East of HAVO	Highway 130	Highway 130	17	both	Keali'i Bio	Linda Pratt	19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Nephrolepis brownii	NepBro			East of HAVO	Highway 130	Highway 130	18	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Nephrolepis brownii	NepBro			East of HAVO	Highway 130	Highway 130	19	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Nephrolepis brownii	NepBro			East of HAVO	Highway 130	Highway 130	20	both	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Nephrolepis brownii	NepBro			East of HAVO	Stainback Highway	Stainback Highway	9	both	Keali'i Bio	Linda Pratt	24-Jan-05	272678	2166769	UTM Zone 5 NAD 83	694	2277
Nephrolepis brownii	NepBro			East of HAVO	Stainback Highway	Stainback Highway	10	both	Keali'i Bio	Linda Pratt	24-Jan-05	271239	2166177	UTM Zone 5 NAD 83	793	2602
Nephrolepis brownii	NepBro			East of HAVO	Stainback Highway	Stainback Highway	11	both	Keali'i Bio	Linda Pratt	24-Jan-05	269708	2165751	UTM Zone 5 NAD 83	882	2894
Nephrolepis brownii	NepBro			East of HAVO	Stainback Highway	Stainback Highway	12	both	Keali'i Bio	Linda Pratt	24-Jan-05	268168	2165427	UTM Zone 5 NAD 83	954	3130
Nephrolepis brownii	NepBro			HAVO	Chain of Craters Rd	Chain of Craters Rd	0	both	Keali'i Bio	Linda Pratt	31-May-01	263393	2147218	UTM Zone 5 NAD 83	1135	3724
Nephrolepis brownii	NepBro			HAVO	Chain of Craters Rd	Chain of Craters Rd	1	both	Keali'i Bio	Linda Pratt	31-May-01	263783	2145709	UTM Zone 5 NAD 83	1107	3632
Nephrolepis brownii	NepBro			HAVO	Chain of Craters Rd	Chain of Craters Rd	2	both	Keali'i Bio	Linda Pratt	31-May-01	264754	2144382	UTM Zone 5 NAD 83	1045	3428
Nephrolepis brownii	NepBro			HAVO	Chain of Craters Rd	Chain of Craters Rd	3	both	Keali'i Bio	Linda Pratt	31-May-01	265912	2143452	UTM Zone 5 NAD 83	1002	3287
Nephrolepis brownii	NepBro			HAVO	Chain of Craters Rd	Chain of Craters Rd	4	both	Keali'i Bio	Linda Pratt	31-May-01	266449	2142261	UTM Zone 5 NAD 83	975	3199
Nephrolepis brownii	NepBro			HAVO	Chain of Craters Rd	Chain of Craters Rd	5	both	Keali'i Bio	Linda Pratt	31-May-01	266926	2140904	UTM Zone 5 NAD 83	908	2979
Nephrolepis brownii	NepBro			HAVO	Chain of Craters Rd	Chain of Craters Rd	6	both	Keali'i Bio	Linda Pratt	31-May-01	268022	2139839	UTM Zone 5 NAD 83	843	2766
Nephrolepis brownii	NepBro			HAVO	Chain of Craters Rd	Chain of Craters Rd	7	both	Keali'i Bio	Linda Pratt	31-May-01	269208	2138981	UTM Zone 5 NAD 83	770	2526
Nephrolepis brownii	NepBro			HAVO	Chain of Craters Rd	Chain of Craters Rd	8	both	Keali'i Bio	Linda Pratt	31-May-01	270524	2138448	UTM Zone 5 NAD 83	730	2395
Nephrolepis brownii	NepBro			HAVO	Chain of Craters Rd	Chain of Craters Rd	9	both	Keali'i Bio	Linda Pratt	31-May-01	271712	2137525	UTM Zone 5 NAD 83	641	2103
Nephrolepis brownii	NepBro			HAVO	Chain of Craters Rd	Chain of Craters Rd	10	both	Keali'i Bio	Linda Pratt	06-Jun-01	273179	2137236	UTM Zone 5 NAD 83	586	1923
Nephrolepis brownii	NepBro			HAVO	Chain of Craters Rd	Chain of Craters Rd	11	both	Keali'i Bio	Linda Pratt	06-Jun-01	274716	2136863	UTM Zone 5 NAD 83	487	1598

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Nephrolepis brownii	NepBro			HAVO	Chain of Craters Rd	Chain of Craters Rd	12	both	Keali'i Bio	Linda Pratt	06-Jun-01	276347	2137027	UTM Zone 5 NAD 83	389	1276
Nephrolepis brownii	NepBro			HAVO	Chain of Craters Rd	Chain of Craters Rd	13	both	Keali'i Bio	Linda Pratt	06-Jun-01	275080	2136341	UTM Zone 5 NAD 83	281	922
Nephrolepis brownii	NepBro			HAVO	Chain of Craters Rd	Chain of Craters Rd	14	both	Keali'i Bio	Linda Pratt	06-Jun-01	273674	2135766	UTM Zone 5 NAD 83	195	640
Nephrolepis brownii	NepBro			HAVO	Chain of Craters Rd	Chain of Craters Rd	15	both	Keali'i Bio	Linda Pratt	06-Jun-01	274404	2134602	UTM Zone 5 NAD 83	109	358
Nephrolepis brownii	NepBro			HAVO	Chain of Craters Rd	Chain of Craters Rd	16	both	Keali'i Bio	Linda Pratt	06-Jun-01	275968	2134281	UTM Zone 5 NAD 83	46	151
Nephrolepis brownii	NepBro			HAVO	Chain of Craters Rd	Chain of Craters Rd	17	both	Keali'i Bio	Linda Pratt	06-Jun-01	277363	2133480	UTM Zone 5 NAD 83	18	59
Nephrolepis brownii	NepBro			HAVO	Chain of Craters Rd	Chain of Craters Rd	18	both	Keali'i Bio	Linda Pratt	06-Jun-01	278716	2134304	UTM Zone 5 NAD 83	13	43
Nephrolepis brownii	NepBro			HAVO	Chain of Craters Rd	Chain of Craters Rd	19	both	Keali'i Bio	Linda Pratt	06-Jun-01	280123	2135093	UTM Zone 5 NAD 83	14	46
Nephrolepis brownii	NepBro			HAVO	Crater Rim Rd	Crater Rim Rd	0	both	Linda Pratt	Keali'i Bio	23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Nephrolepis brownii	NepBro			HAVO	Crater Rim Rd	Crater Rim Rd	1	both	Linda Pratt	Keali'i Bio	23-Jul-01	261717	2150216	UTM Zone 5 NAD 83	1210	3970
Nephrolepis brownii	NepBro			HAVO	Crater Rim Rd	Crater Rim Rd	2	left	Linda Pratt		23-Jul-01	260209	2149821	UTM Zone 5 NAD 83	1228	4029
Nephrolepis brownii	NepBro			HAVO	Crater Rim Rd	Crater Rim Rd	3	both	Linda Pratt	Keali'i Bio	23-Jul-01	259205	2148667	UTM Zone 5 NAD 83	1214	3983
Nephrolepis brownii	NepBro			HAVO	Crater Rim Rd	Crater Rim Rd	4	right	Keali'i Bio		23-Jul-01	258880	2147374	UTM Zone 5 NAD 83	1148	3766
Nephrolepis brownii	NepBro			HAVO	Crater Rim Rd	Crater Rim Rd	5	both	Linda Pratt	Keali'i Bio	23-Jul-01	259825	2146599	UTM Zone 5 NAD 83	1119	3671
Nephrolepis brownii	NepBro			HAVO	Crater Rim Rd	Crater Rim Rd	6	both	Linda Pratt	Keali'i Bio	23-Jul-01	261322	2146491	UTM Zone 5 NAD 83	1109	3638
Nephrolepis brownii	NepBro			HAVO	Crater Rim Rd	Crater Rim Rd	7	both	Linda Pratt	Keali'i Bio	23-Jul-01	262735	2147218	UTM Zone 5 NAD 83	1146	3760
Nephrolepis brownii	NepBro			HAVO	Crater Rim Rd	Crater Rim Rd	8	both	Linda Pratt	Keali'i Bio	23-Jul-01	264190	2147608	UTM Zone 5 NAD 83	1153	3783
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	23	mauka	Linda Pratt		17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	24	mauka	Linda Pratt		17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	25	mauka	Linda Pratt		17-May-01	267829	2151333	UTM Zone 5 NAD 83	1029	3376
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	26	mauka	Linda Pratt	Robert Yamanoha	17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	27	both	Keali'i Bio	Linda Pratt	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	28	mauka	Keali'i Bio		21-May-01	263792	2149317	UTM Zone 5 NAD 83	1182	3878
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	29	mauka	Keali'i Bio		21-May-01	262687	2150443	UTM Zone 5 NAD 83	1219	3999
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	30	both	Keali'i Bio	Linda Pratt	18-May-01	261165	2150609	UTM Zone 5 NAD 83	1226	4022
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	31	both	Keali'i Bio	Linda Pratt	18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	33	both	Keali'i Bio	Linda Pratt	18-May-01	256886	2148424	UTM Zone 5 NAD 83	1127	3698
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	34	both	Keali'i Bio	Linda Pratt	18-May-01	255546	2147576	UTM Zone 5 NAD 83	1087	3566
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	35	makai	Linda Pratt	Steve Dougill	18-May-01	254327	2146502	UTM Zone 5 NAD 83	1046	3432
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	37	mauka	Keali'i Bio		21-May-01	252204	2144180	UTM Zone 5 NAD 83	960	3150
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	38	both	Keali'i Bio	Robert Yamanoha	21-May-01	251039	2143084	UTM Zone 5 NAD 83	919	3015
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	39	both	Keali'i Bio	Robert Yamanoha	21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	40	both	Keali'i Bio	Robert Yamanoha	21-May-01	248932	2140652	UTM Zone 5 NAD 83	847	2779
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	41	both	Keali'i Bio	Robert Yamanoha	21-May-01	248047	2139309	UTM Zone 5 NAD 83	803	2635
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	42	both	Keali'i Bio	Robert Yamanoha	30-May-01	247211	2137934	UTM Zone 5 NAD 83	754	2474
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	43	both	Keali'i Bio	Robert Yamanoha	30-May-01	246380	2136565	UTM Zone 5 NAD 83	726	2382
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	44	both	Keali'i Bio	Robert Yamanoha	30-May-01	245606	2135157	UTM Zone 5 NAD 83	682	2238
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	45	both	Keali'i Bio	Robert Yamanoha	30-May-01	244911	2133713	UTM Zone 5 NAD 83	628	2060
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	46	both	Keali'i Bio	Robert Yamanoha	30-May-01	244057	2132365	UTM Zone 5 NAD 83	586	1923
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	47	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	48	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	242779	2129420	UTM Zone 5 NAD 83	483	1585
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	65	makai	Keali'i Bio		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	66	both	Keali'i Bio	Laura Nelson	16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	67	both	Keali'i Bio	Laura Nelson	16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	68	both	Keali'i Bio	Laura Nelson	03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	69	left	Laura Nelson		03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	70	both	Keali'i Bio	Laura Nelson	03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	71	both	Keali'i Bio	Laura Nelson	03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	72	both	Keali'i Bio	Laura Nelson	03-Apr-02	215850	2109628	UTM Zone 5 NAD 83	602	1975
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	73	both	Keali'i Bio	Laura Nelson	02-Apr-02	214329	2110073	UTM Zone 5 NAD 83	597	1959
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	74	both	Keali'i Bio	Laura Nelson	02-Apr-02	213016	2110579	UTM Zone 5 NAD 83	596	1955

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Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	75	both	Keali'i Bio	Laura Nelson	02-Apr-02	211522	2111153	UTM Zone 5 NAD 83	596	1955
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	76	both	Keali'i Bio	Laura Nelson	02-Apr-02	210081	2111710	UTM Zone 5 NAD 83	594	1949
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	77	both	Keali'i Bio	Laura Nelson	02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	78	both	Keali'i Bio	Laura Nelson	02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	79	both	Keali'i Bio	Laura Nelson	20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	80	both	Keali'i Bio	Laura Nelson	20-Mar-02	204197	2114294	UTM Zone 5 NAD 83	583	1913
Nephrolepis brownii	NepBro			HAVO	Highway 11	Highway 11	81	both	Keali'i Bio	Laura Nelson	20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Nephrolepis brownii	NepBro			HAVO	Hilina Pali Rd	Hilina Pali Rd	0	both	Keali'i Bio	Linda Pratt	08-Aug-01	264928	2144119	UTM Zone 5 NAD 83	1034	3392
Nephrolepis brownii	NepBro			HAVO	Hilina Pali Rd	Hilina Pali Rd	1	both	Keali'i Bio	Linda Pratt	08-Aug-01	263904	2142819	UTM Zone 5 NAD 83	1013	3323
Nephrolepis brownii	NepBro			HAVO	Hilina Pali Rd	Hilina Pali Rd	2	both	Keali'i Bio	Linda Pratt	08-Aug-01	263132	2141554	UTM Zone 5 NAD 83	997	3271
Nephrolepis brownii	NepBro			HAVO	Hilina Pali Rd	Hilina Pali Rd	3	left	Linda Pratt		08-Aug-01	261892	2140618	UTM Zone 5 NAD 83	981	3219
Nephrolepis brownii	NepBro			HAVO	Hilina Pali Rd	Hilina Pali Rd	4	both	Keali'i Bio	Linda Pratt	08-Aug-01	261042	2139784	UTM Zone 5 NAD 83	958	3143
Nephrolepis brownii	NepBro			HAVO	Hilina Pali Rd	Hilina Pali Rd	5	both	Keali'i Bio	Linda Pratt	08-Aug-01	260579	2138426	UTM Zone 5 NAD 83	888	2913
Nephrolepis brownii	NepBro			HAVO	Hilina Pali Rd	Hilina Pali Rd	7	both	Keali'i Bio	Linda Pratt	08-Aug-01	258530	2136558	UTM Zone 5 NAD 83	799	2621
Nephrolepis brownii	NepBro			HAVO	Mauna Loa Rd	Mauna Loa Rd	0	both	Linda Pratt		20-Jun-01	260232	2150037	UTM Zone 5 NAD 83	1228	4029
Nephrolepis brownii	NepBro			HAVO	Mauna Loa Rd	Mauna Loa Rd	1	both	Linda Pratt		20-Jun-01	258888	2150444	UTM Zone 5 NAD 83	1211	3973
Nephrolepis brownii	NepBro			HAVO	Mauna Loa Rd	Mauna Loa Rd	2	both	Linda Pratt		20-Jun-01	257651	2151066	UTM Zone 5 NAD 83	1223	4012
Nephrolepis brownii	NepBro			HAVO	Wright Rd	Wright Rd	1	left	Linda Pratt		06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Nephrolepis brownii	NepBro			HAVO	Wright Rd	Wright Rd	2	both	Keali'i Bio	Linda Pratt	06-Oct-03	264381	2152867	UTM Zone 5 NAD 83	1161	3809
Ochna serrulata	OchSer		Y	HAVO	Highway 11	Highway 11	65	mauka	Laura Nelson		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Ochna serrulata	OchSer		Y	HAVO	Highway 11	Highway 11	81	both	Keali'i Bio	Laura Nelson	20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Olea europaea ssp. cuspidata	OleEurCus			HAVO	Highway 11	Highway 11	65	makai	Keali'i Bio		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Olea europaea ssp. cuspidata	OleEurCus			HAVO	Highway 11	Highway 11	68	both	Keali'i Bio	Laura Nelson	03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Olea europaea ssp. cuspidata	OleEurCus			HAVO	Highway 11	Highway 11	69	both	Keali'i Bio	Laura Nelson	03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Olea europaea ssp. cuspidata	OleEurCus			HAVO	Highway 11	Highway 11	70	left	Laura Nelson		03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Olea europaea ssp. cuspidata	OleEurCus			Residential	Mauna Loa Estates	1st			Keali'i Bio	Linda Pratt	12-Aug-03	266167	2150096	UTM Zone 5 NAD 83	1117	3665
Olea europaea ssp. cuspidata	OleEurCus			Residential	Mauna Loa Estates	Jade			Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Olea europaea ssp. cuspidata	OleEurCus			Residential	Volcano Golf Course	Kapoha			Keali'i Bio	Linda Pratt	12-Aug-03	260904	2151945	UTM Zone 5 NAD 83	1228	4029
Olea europaea ssp. cuspidata	OleEurCus			Residential	Volcano Golf Course	Kolokea			Keali'i Bio	Linda Pratt	12-Aug-03	260806	2152014	UTM Zone 5 NAD 83	1227	4026
Olea europaea ssp. cuspidata	OleEurCus			Residential	Volcano Golf Course	Painiu			Keali'i Bio	Linda Pratt	12-Aug-03	260928	2151431	UTM Zone 5 NAD 83	1226	4022
Olea europaea ssp. cuspidata	OleEurCus			Residential	Volcano Golf Course	Popohau			Keali'i Bio	Linda Pratt	12-Aug-03	260694	2151250	UTM Zone 5 NAD 83	1223	4012
Olea europaea ssp. cuspidata	OleEurCus			Residential	Volcano Golf Course	Pukiawe Circle W			Keali'i Bio	Linda Pratt	12-Aug-03	260317	2151596	UTM Zone 5 NAD 83	1223	4012
Olea europaea ssp. cuspidata	OleEurCus			Residential	Volcano Village	Kalanikoa			Keali'i Bio	Linda Pratt	05-Aug-03	264726	2149897	UTM Zone 5 NAD 83	1160	3806
Olea europaea ssp. cuspidata	OleEurCus			Residential	Volcano Village	Road C			Keali'i Bio	Linda Pratt	05-Aug-03	265199	2151994	UTM Zone 5 NAD 83	1137	3730
Olea europaea ssp. europaea	OleEurEur			HAVO	Highway 11	Highway 11	81	makai	Laura Nelson		20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Oplismenus hirtellus	OplHir			East of HAVO	Highway 130	Highway 130	13	left	Linda Pratt		19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Oplismenus hirtellus	OplHir			East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Oplismenus hirtellus	OplHir			East of HAVO	Highway 130	Highway 130	15	both	Keali'i Bio	Linda Pratt	19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Oplismenus hirtellus	OplHir			East of HAVO	Highway 130	Highway 130	16	both	Keali'i Bio	Linda Pratt	19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Oplismenus hirtellus	OplHir			East of HAVO	Highway 130	Highway 130	18	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Oplismenus hirtellus	OplHir			East of HAVO	Highway 130	Highway 130	19	right	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Oplismenus hirtellus	OplHir			East of HAVO	Highway 130	Highway 130	20	both	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Oplismenus hirtellus	OplHir			HAVO	Highway 11	Highway 11	81	mauka	Keali'i Bio		20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Paederia foetida	PaeFoe			East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Paederia foetida	PaeFoe			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Paederia foetida	PaeFoe			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Paederia foetida	PaeFoe			East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Paederia foetida	PaeFoe			East of HAVO	Highway 130	Highway 130	15	both	Keali'i Bio	Linda Pratt	19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Paederia foetida	PaeFoe			East of HAVO	Highway 130	Highway 130	16	both	Keali'i Bio	Linda Pratt	19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Paederia foetida	PaeFoe			East of HAVO	Highway 130	Highway 130	17	both	Keali'i Bio	Linda Pratt	19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Paederia foetida	PaeFoe			East of HAVO	Highway 130	Highway 130	18	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545

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Paederia foetida	PaeFoe			East of HAVO	Highway 130	Highway 130	19	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Paederia foetida	PaeFoe			East of HAVO	Highway 130	Highway 130	20	both	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Paederia foetida	PaeFoe			HAVO	Chain of Craters Rd	Chain of Craters Rd	1	left (even mile)	Linda Pratt	Robert Yamanoha	31-May-01	263783	2145709	UTM Zone 5 NAD 83	1107	3632
Paederia foetida	PaeFoe			Residential	Volcano Village	Road B			Keali'i Bio	Linda Pratt	05-Aug-03	265452	2151277	UTM Zone 5 NAD 83	1135	3724
Panicum maximum	PanMax			East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Panicum maximum	PanMax			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Panicum maximum	PanMax			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Panicum maximum	PanMax			East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Panicum maximum	PanMax			East of HAVO	Highway 130	Highway 130	15	left	Linda Pratt		19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Panicum maximum	PanMax			East of HAVO	Highway 130	Highway 130	16	both	Keali'i Bio	Linda Pratt	19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Panicum maximum	PanMax			East of HAVO	Highway 130	Highway 130	18	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Panicum maximum	PanMax			East of HAVO	Highway 130	Highway 130	19	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Panicum maximum	PanMax			East of HAVO	Highway 130	Highway 130	20	both	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Panicum maximum	PanMax			HAVO	Chain of Craters Rd	Chain of Craters Rd	17	left (even)	Linda Pratt		06-Jun-01	277363	2133480	UTM Zone 5 NAD 83	18	59
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	23	mauka	Linda Pratt		17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	30	makai	Linda Pratt	Steve Dougill	18-May-01	261165	2150609	UTM Zone 5 NAD 83	1226	4022
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	31	mauka	Keali'i Bio		18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	32	makai	Linda Pratt	Steve Dougill	18-May-01	258337	2149127	UTM Zone 5 NAD 83	1185	3888
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	33	both	Keali'i Bio	Linda Pratt	18-May-01	256886	2148424	UTM Zone 5 NAD 83	1127	3698
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	34	both	Keali'i Bio	Linda Pratt	18-May-01	255546	2147576	UTM Zone 5 NAD 83	1087	3566
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	36	both	Keali'i Bio	Linda Pratt	18-May-01	253248	2145389	UTM Zone 5 NAD 83	1010	3314
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	37	both	Keali'i Bio	Robert Yamanoha	21-May-01	252204	2144180	UTM Zone 5 NAD 83	960	3150
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	39	mauka	Keali'i Bio		21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	40	both	Keali'i Bio	Robert Yamanoha	21-May-01	248932	2140652	UTM Zone 5 NAD 83	847	2779
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	41	mauka	Keali'i Bio		21-May-01	248047	2139309	UTM Zone 5 NAD 83	803	2635
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	42	mauka	Keali'i Bio		30-May-01	247211	2137934	UTM Zone 5 NAD 83	754	2474
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	43	both	Keali'i Bio	Robert Yamanoha	30-May-01	246380	2136565	UTM Zone 5 NAD 83	726	2382
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	44	both	Keali'i Bio	Robert Yamanoha	30-May-01	245606	2135157	UTM Zone 5 NAD 83	682	2238
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	45	both	Keali'i Bio	Robert Yamanoha	30-May-01	244911	2133713	UTM Zone 5 NAD 83	628	2060
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	46	both	Keali'i Bio	Robert Yamanoha	30-May-01	244057	2132365	UTM Zone 5 NAD 83	586	1923
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	47	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	48	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	242779	2129420	UTM Zone 5 NAD 83	483	1585
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	49	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	65	both	Keali'i Bio	Laura Nelson	16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	66	both	Keali'i Bio	Laura Nelson	16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	67	both	Keali'i Bio	Laura Nelson	16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	68	both	Keali'i Bio	Laura Nelson	03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	69	both	Keali'i Bio	Laura Nelson	03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	70	both	Keali'i Bio	Laura Nelson	03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	71	both	Keali'i Bio	Laura Nelson	03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	72	both	Keali'i Bio	Laura Nelson	03-Apr-02	215850	2109628	UTM Zone 5 NAD 83	602	1975
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	73	both	Keali'i Bio	Laura Nelson	02-Apr-02	214329	2110073	UTM Zone 5 NAD 83	597	1959
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	74	left	Laura Nelson		02-Apr-02	213016	2110579	UTM Zone 5 NAD 83	596	1955
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	75	left	Laura Nelson		02-Apr-02	211522	2111153	UTM Zone 5 NAD 83	596	1955
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	76	both	Keali'i Bio	Laura Nelson	02-Apr-02	210081	2111710	UTM Zone 5 NAD 83	594	1949
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	77	both	Keali'i Bio	Laura Nelson	02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	78	left	Laura Nelson		02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	79	mauka	Keali'i Bio		20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	80	mauka	Keali'i Bio		20-Mar-02	204197	2114294	UTM Zone 5 NAD 83	583	1913
Panicum maximum	PanMax			HAVO	Highway 11	Highway 11	81	makai	Laura Nelson		20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Panicum repens**	PanRep			East of HAVO	Highway 130	Highway 130	12	right	Keali'i Bio		19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715

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Panicum repens**	PanRep			East of HAVO	Highway 130	Highway 130	15	right	Keali'i Bio		19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Panicum repens**	PanRep			East of HAVO	Stainback Highway	Stainback Highway	9	both	Keali'i Bio	Linda Pratt	24-Jan-05	272678	2166769	UTM Zone 5 NAD 83	694	2277
Panicum repens**	PanRep			East of HAVO	Stainback Highway	Stainback Highway	10	both	Keali'i Bio	Linda Pratt	24-Jan-05	271239	2166177	UTM Zone 5 NAD 83	793	2602
Panicum repens**	PanRep			East of HAVO	Stainback Highway	Stainback Highway	11	left	Linda Pratt		24-Jan-05	269708	2165751	UTM Zone 5 NAD 83	882	2894
Panicum repens**	PanRep			East of HAVO	Stainback Highway	Stainback Highway	12	both	Keali'i Bio	Linda Pratt	24-Jan-05	268168	2165427	UTM Zone 5 NAD 83	954	3130
Panicum repens**	PanRep			East of HAVO	Stainback Highway	Stainback Highway	13	both	Keali'i Bio	Linda Pratt	24-Jan-05	266627	2165328	UTM Zone 5 NAD 83	1032	3386
Panicum repens**	PanRep			East of HAVO	Stainback Highway	Stainback Highway	14	right	Keali'i Bio		24-Jan-05	265311	2164578	UTM Zone 5 NAD 83	1130	3707
Panicum repens**	PanRep			East of HAVO	Stainback Highway	Stainback Highway	15	both	Keali'i Bio	Linda Pratt	24-Jan-05	263807	2164694	UTM Zone 5 NAD 83	1213	3980
Panicum repens**	PanRep			East of HAVO	Stainback Highway	Stainback Highway	16	both	Keali'i Bio	Linda Pratt	24-Jan-05	262244	2164420	UTM Zone 5 NAD 83	1328	4357
Panicum repens**	PanRep			East of HAVO	Stainback Highway	Stainback Highway	17	both	Keali'i Bio	Linda Pratt	24-Jan-05	260706	2164215	UTM Zone 5 NAD 83	1434	4705
Panicum repens**	PanRep			East of HAVO	Stainback Highway	Stainback Highway	18	left	Linda Pratt		24-Jan-05	259274	2163747	UTM Zone 5 NAD 83	1528	5013
Panicum repens**	PanRep			HAVO	Crater Rim Rd	Crater Rim Rd	0	right	Keali'i Bio		23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Panicum repens**	PanRep			HAVO	Highway 11	Highway 11	23	both	Keali'i Bio	Linda Pratt	17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Panicum repens**	PanRep			HAVO	Highway 11	Highway 11	24	both	Keali'i Bio	Linda Pratt	17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Panicum repens**	PanRep			HAVO	Highway 11	Highway 11	25	makai	Keali'i Bio		17-May-01	267829	2151333	UTM Zone 5 NAD 83	1029	3376
Panicum repens**	PanRep			HAVO	Highway 11	Highway 11	27	both	Keali'i Bio	Linda Pratt	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Panicum repens**	PanRep			HAVO	Highway 11	Highway 11	28	mauka	Keali'i Bio		21-May-01	263792	2149317	UTM Zone 5 NAD 83	1182	3878
Panicum repens**	PanRep			HAVO	Highway 11	Highway 11	66	mauka	Laura Nelson		16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Panicum repens**	PanRep			HAVO	Highway 11	Highway 11	67	makai	Keali'i Bio		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Panicum repens**	PanRep			HAVO	Wright Rd	Wright Rd	0	both	Keali'i Bio	Linda Pratt	06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Panicum repens**	PanRep			HAVO	Wright Rd	Wright Rd	1	both	Keali'i Bio	Linda Pratt	06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Panicum repens**	PanRep			HAVO	Wright Rd	Wright Rd	2	both	Keali'i Bio	Linda Pratt	06-Oct-03	264381	2152867	UTM Zone 5 NAD 83	1161	3809
Panicum repens**	PanRep			HAVO	Wright Rd	Wright Rd	4	left	Linda Pratt		06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Paspalum conjugatum	PasCon			East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Paspalum conjugatum	PasCon			East of HAVO	Highway 130	Highway 130	12	right	Keali'i Bio		19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Paspalum conjugatum	PasCon			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Paspalum conjugatum	PasCon			East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Paspalum conjugatum	PasCon			East of HAVO	Highway 130	Highway 130	15	right	Keali'i Bio		19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Paspalum conjugatum	PasCon			East of HAVO	Highway 130	Highway 130	16	right	Keali'i Bio		19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Paspalum conjugatum	PasCon			East of HAVO	Highway 130	Highway 130	17	right	Keali'i Bio		19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Paspalum conjugatum	PasCon			East of HAVO	Highway 130	Highway 130	19	right	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Paspalum conjugatum	PasCon			East of HAVO	Stainback Highway	Stainback Highway	9	left	Linda Pratt		24-Jan-05	272678	2166769	UTM Zone 5 NAD 83	694	2277
Paspalum conjugatum	PasCon			East of HAVO	Stainback Highway	Stainback Highway	10	left	Linda Pratt		24-Jan-05	271239	2166177	UTM Zone 5 NAD 83	793	2602
Paspalum conjugatum	PasCon			East of HAVO	Stainback Highway	Stainback Highway	11	both	Keali'i Bio	Linda Pratt	24-Jan-05	269708	2165751	UTM Zone 5 NAD 83	882	2894
Paspalum conjugatum	PasCon			HAVO	Chain of Craters Rd	Chain of Craters Rd	0	left (even mile	Linda Pratt	Robert Yamanoha	31-May-01	263393	2147218	UTM Zone 5 NAD 83	1135	3724
Paspalum conjugatum	PasCon			HAVO	Crater Rim Rd	Crater Rim Rd	0	both	Linda Pratt	Keali'i Bio	23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Paspalum conjugatum	PasCon			HAVO	Crater Rim Rd	Crater Rim Rd	7	both	Linda Pratt	Keali'i Bio	23-Jul-01	262735	2147218	UTM Zone 5 NAD 83	1146	3760
Paspalum conjugatum	PasCon			HAVO	Crater Rim Rd	Crater Rim Rd	8	both	Linda Pratt	Keali'i Bio	23-Jul-01	264190	2147608	UTM Zone 5 NAD 83	1153	3783
Paspalum conjugatum	PasCon			HAVO	Crater Rim Rd	Crater Rim Rd	9	both	Linda Pratt	Keali'i Bio	23-Jul-01	264678	2148282	UTM Zone 5 NAD 83	1194	3917
Paspalum conjugatum	PasCon			HAVO	Crater Rim Rd	Crater Rim Rd	10	both	Linda Pratt	Keali'i Bio	23-Jul-01	263738	2149287	UTM Zone 5 NAD 83	1181	3875
Paspalum conjugatum	PasCon			HAVO	Highway 11	Highway 11	23	makai	Keali'i Bio		17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Paspalum conjugatum	PasCon			HAVO	Highway 11	Highway 11	31	mauka	Keali'i Bio		18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009
Paspalum conjugatum	PasCon			HAVO	Highway 11	Highway 11	65	makai	Keali'i Bio		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Paspalum conjugatum	PasCon			HAVO	Highway 11	Highway 11	67	makai	Keali'i Bio		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Paspalum conjugatum	PasCon			HAVO	Highway 11	Highway 11	68	right	Keali'i Bio		03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Paspalum conjugatum	PasCon			HAVO	Highway 11	Highway 11	69	both	Keali'i Bio	Laura Nelson	03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Paspalum conjugatum	PasCon			HAVO	Hilina Pali Rd	Hilina Pali Rd	1	left	Linda Pratt		08-Aug-01	263904	2142819	UTM Zone 5 NAD 83	1013	3323
Paspalum conjugatum	PasCon			HAVO	Hilina Pali Rd	Hilina Pali Rd	3	right	Keali'i Bio		08-Aug-01	261892	2140618	UTM Zone 5 NAD 83	981	3219
Paspalum conjugatum	PasCon			HAVO	Wright Rd	Wright Rd	2	both	Keali'i Bio	Linda Pratt	06-Oct-03	264381	2152867	UTM Zone 5 NAD 83	1161	3809
Paspalum dilatatum	PasDil			HAVO	Crater Rim Rd	Crater Rim Rd	0	right	Keali'i Bio		23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Paspalum dilatatum	PasDil			HAVO	Crater Rim Rd	Crater Rim Rd	8	right	Linda Pratt		23-Jul-01	264190	2147608	UTM Zone 5 NAD 83	1153	3783

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Paspalum dilatatum	PasDil			HAVO	Crater Rim Rd	Crater Rim Rd	9	left	Keali'i Bio		23-Jul-01	264678	2148282	UTM Zone 5 NAD 83	1194	3917
Paspalum dilatatum	PasDil			HAVO	Crater Rim Rd	Crater Rim Rd	10	both	Linda Pratt	Keali'i Bio	23-Jul-01	263738	2149287	UTM Zone 5 NAD 83	1181	3875
Paspalum dilatatum	PasDil			HAVO	Highway 11	Highway 11	28	makai	Steve Dougill	Robert Yamanoha	21-May-01	263792	2149317	UTM Zone 5 NAD 83	1182	3878
Paspalum dilatatum	PasDil			HAVO	Highway 11	Highway 11	29	makai	Steve Dougill	Robert Yamanoha	21-May-01	262687	2150443	UTM Zone 5 NAD 83	1219	3999
Paspalum dilatatum	PasDil			HAVO	Highway 11	Highway 11	30	makai	Linda Pratt	Steve Dougill	18-May-01	261165	2150609	UTM Zone 5 NAD 83	1226	4022
Paspalum dilatatum	PasDil			HAVO	Highway 11	Highway 11	31	makai	Linda Pratt	Steve Dougill	18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009
Paspalum dilatatum	PasDil			HAVO	Highway 11	Highway 11	32	makai	Linda Pratt	Steve Dougill	18-May-01	258337	2149127	UTM Zone 5 NAD 83	1185	3888
Paspalum dilatatum	PasDil			HAVO	Highway 11	Highway 11	34	makai	Linda Pratt	Steve Dougill	18-May-01	255546	2147576	UTM Zone 5 NAD 83	1087	3566
Paspalum dilatatum	PasDil			HAVO	Highway 11	Highway 11	40	both	Keali'i Bio	Robert Yamanoha	21-May-01	248932	2140652	UTM Zone 5 NAD 83	847	2779
Paspalum dilatatum	PasDil			HAVO	Highway 11	Highway 11	42	makai	Robert Yamanoha		30-May-01	247211	2137934	UTM Zone 5 NAD 83	754	2474
Paspalum dilatatum	PasDil			HAVO	Highway 11	Highway 11	43	both	Keali'i Bio	Robert Yamanoha	30-May-01	246380	2136565	UTM Zone 5 NAD 83	726	2382
Paspalum dilatatum	PasDil			HAVO	Highway 11	Highway 11	44	makai	Robert Yamanoha		30-May-01	245606	2135157	UTM Zone 5 NAD 83	682	2238
Paspalum dilatatum	PasDil			HAVO	Highway 11	Highway 11	45	makai	Robert Yamanoha		30-May-01	244911	2133713	UTM Zone 5 NAD 83	628	2060
Paspalum dilatatum	PasDil			HAVO	Highway 11	Highway 11	46	makai	Robert Yamanoha		30-May-01	244057	2132365	UTM Zone 5 NAD 83	586	1923
Paspalum dilatatum	PasDil			HAVO	Mauna Loa Rd	Mauna Loa Rd	1	both	Linda Pratt		20-Jun-01	258888	2150444	UTM Zone 5 NAD 83	1211	3973
Paspalum dilatatum	PasDil			HAVO	Mauna Loa Rd	Mauna Loa Rd	2	both	Linda Pratt		20-Jun-01	257651	2151066	UTM Zone 5 NAD 83	1223	4012
Paspalum dilatatum	PasDil			HAVO	Mauna Loa Rd	Mauna Loa Rd	3	both	Linda Pratt		20-Jun-01	256794	2151494	UTM Zone 5 NAD 83	1285	4216
Paspalum dilatatum	PasDil			HAVO	Mauna Loa Rd	Mauna Loa Rd	4	both	Linda Pratt		20-Jun-01	255333	2151589	UTM Zone 5 NAD 83	1356	4449
Paspalum dilatatum	PasDil			HAVO	Mauna Loa Rd	Mauna Loa Rd	5	both	Linda Pratt		20-Jun-01	254743	2152431	UTM Zone 5 NAD 83	1429	4688
Paspalum dilatatum	PasDil			HAVO	Mauna Loa Rd	Mauna Loa Rd	6	both	Linda Pratt		20-Jun-01	253984	2153448	UTM Zone 5 NAD 83	1500	4921
Paspalum dilatatum	PasDil			HAVO	Mauna Loa Rd	Mauna Loa Rd	7	both	Linda Pratt		20-Jun-01	253220	2154160	UTM Zone 5 NAD 83	1580	5184
Paspalum dilatatum	PasDil			HAVO	Mauna Loa Rd	Mauna Loa Rd	8	both	Linda Pratt		20-Jun-01	252221	2155114	UTM Zone 5 NAD 83	1686	5531
Paspalum dilatatum	PasDil			HAVO	Mauna Loa Rd	Mauna Loa Rd	9	both	Linda Pratt		20-Jun-01	250854	2155424	UTM Zone 5 NAD 83	1778	5833
Paspalum dilatatum	PasDil			HAVO	Mauna Loa Rd	Mauna Loa Rd	10	both	Linda Pratt		20-Jun-01	250386	2156103	UTM Zone 5 NAD 83	1883	6178
Paspalum notatum	PasNot		Y	HAVO	Crater Rim Rd	Crater Rim Rd	1	left	Linda Pratt		23-Jul-01	261717	2150216	UTM Zone 5 NAD 83	1210	3970
Paspalum notatum	PasNot		Y	HAVO	Highway 11	Highway 11	35	makai	Linda Pratt	Steve Dougill	18-May-01	254327	2146502	UTM Zone 5 NAD 83	1046	3432
Paspalum notatum	PasNot		Y	HAVO	Highway 11	Highway 11	40	mauka	Keali'i Bio		21-May-01	248932	2140652	UTM Zone 5 NAD 83	847	2779
Paspalum notatum	PasNot		Y	HAVO	Highway 11	Highway 11	42	mauka	Keali'i Bio		30-May-01	247211	2137934	UTM Zone 5 NAD 83	754	2474
Paspalum notatum	PasNot		Y	HAVO	Highway 11	Highway 11	43	both	Keali'i Bio	Robert Yamanoha	30-May-01	246380	2136565	UTM Zone 5 NAD 83	726	2382
Paspalum notatum	PasNot		Y	HAVO	Highway 11	Highway 11	44	both	Keali'i Bio	Robert Yamanoha	30-May-01	245606	2135157	UTM Zone 5 NAD 83	682	2238
Paspalum notatum	PasNot		Y	HAVO	Highway 11	Highway 11	45	both	Keali'i Bio		30-May-01	244911	2133713	UTM Zone 5 NAD 83	628	2060
Paspalum notatum	PasNot		Y	HAVO	Highway 11	Highway 11	46	both	Keali'i Bio	Robert Yamanoha	30-May-01	244057	2132365	UTM Zone 5 NAD 83	586	1923
Paspalum notatum	PasNot		Y	HAVO	Highway 11	Highway 11	48	mauka	Keali'i Bio		04-Jun-01	242779	2129420	UTM Zone 5 NAD 83	483	1585
Paspalum paniculatum	PasPan		Y	East of HAVO	Highway 130	Highway 130	11	right	Keali'i Bio		19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Paspalum paniculatum	PasPan		Y	East of HAVO	Highway 130	Highway 130	12	right	Keali'i Bio		19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Paspalum paniculatum	PasPan		Y	East of HAVO	Highway 130	Highway 130	13	right	Keali'i Bio		19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Paspalum paniculatum	PasPan		Y	East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Paspalum paniculatum	PasPan		Y	East of HAVO	Highway 130	Highway 130	15	left	Linda Pratt		19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Paspalum paniculatum	PasPan		Y	East of HAVO	Highway 130	Highway 130	16	both	Keali'i Bio	Linda Pratt	19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Paspalum paniculatum	PasPan		Y	East of HAVO	Highway 130	Highway 130	17	right	Keali'i Bio		19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Paspalum paniculatum	PasPan		Y	East of HAVO	Highway 130	Highway 130	18	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Paspalum paniculatum	PasPan		Y	HAVO	Crater Rim Rd	Crater Rim Rd	0	right	Keali'i Bio		23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Paspalum paniculatum	PasPan		Y	HAVO	Highway 11	Highway 11	43	both	Keali'i Bio	Robert Yamanoha	30-May-01	246380	2136565	UTM Zone 5 NAD 83	726	2382
Paspalum paniculatum	PasPan		Y	HAVO	Highway 11	Highway 11	44	mauka	Keali'i Bio		30-May-01	245606	2135157	UTM Zone 5 NAD 83	682	2238
Paspalum paniculatum	PasPan		Y	HAVO	Highway 11	Highway 11	45	mauka	Keali'i Bio		30-May-01	244911	2133713	UTM Zone 5 NAD 83	628	2060
Paspalum paniculatum	PasPan		Y	HAVO	Highway 11	Highway 11	46	mauka	Keali'i Bio		30-May-01	244057	2132365	UTM Zone 5 NAD 83	586	1923
Paspalum paniculatum	PasPan		Y	HAVO	Highway 11	Highway 11	49	mauka	Keali'i Bio		04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Paspalum paniculatum	PasPan		Y	HAVO	Highway 11	Highway 11	65	makai	Keali'i Bio		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Paspalum paniculatum	PasPan		Y	HAVO	Highway 11	Highway 11	67	makai	Keali'i Bio		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Paspalum paniculatum	PasPan		Y	HAVO	Highway 11	Highway 11	69	right	Keali'i Bio		03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Paspalum sp. 6	PasSp6			HAVO	Wright Rd	Wright Rd	3	right	Keali'i Bio		06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894

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Paspalum sp. 8	PasSp8			HAVO	Wright Rd	Wright Rd	1	left	Linda Pratt		06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Paspalum urvillei	PasUrv			East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Paspalum urvillei	PasUrv			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Paspalum urvillei	PasUrv			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Paspalum urvillei	PasUrv			East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Paspalum urvillei	PasUrv			East of HAVO	Highway 130	Highway 130	16	both	Keali'i Bio	Linda Pratt	19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Paspalum urvillei	PasUrv			East of HAVO	Highway 130	Highway 130	17	both	Keali'i Bio	Linda Pratt	19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Paspalum urvillei	PasUrv			East of HAVO	Highway 130	Highway 130	18	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Paspalum urvillei	PasUrv			East of HAVO	Highway 130	Highway 130	19	left	Chelsie Javar	Keali'i Bio	20-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Paspalum urvillei	PasUrv			East of HAVO	Highway 130	Highway 130	20	both	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Paspalum urvillei	PasUrv			East of HAVO	Stainback Highway	Stainback Highway	9	both	Keali'i Bio	Linda Pratt	24-Jan-05	272678	2166769	UTM Zone 5 NAD 83	694	2277
Paspalum urvillei	PasUrv			East of HAVO	Stainback Highway	Stainback Highway	10	both	Keali'i Bio	Linda Pratt	24-Jan-05	271239	2166177	UTM Zone 5 NAD 83	793	2602
Paspalum urvillei	PasUrv			East of HAVO	Stainback Highway	Stainback Highway	11	right	Keali'i Bio		24-Jan-05	269708	2165751	UTM Zone 5 NAD 83	882	2894
Paspalum urvillei	PasUrv			East of HAVO	Stainback Highway	Stainback Highway	12	both	Keali'i Bio	Linda Pratt	24-Jan-05	268168	2165427	UTM Zone 5 NAD 83	954	3130
Paspalum urvillei	PasUrv			East of HAVO	Stainback Highway	Stainback Highway	13	both	Keali'i Bio	Linda Pratt	24-Jan-05	266627	2165328	UTM Zone 5 NAD 83	1032	3386
Paspalum urvillei	PasUrv			East of HAVO	Stainback Highway	Stainback Highway	14	both	Keali'i Bio	Linda Pratt	24-Jan-05	265311	2164578	UTM Zone 5 NAD 83	1130	3707
Paspalum urvillei	PasUrv			East of HAVO	Stainback Highway	Stainback Highway	15	both	Keali'i Bio	Linda Pratt	24-Jan-05	263807	2164694	UTM Zone 5 NAD 83	1213	3980
Paspalum urvillei	PasUrv			East of HAVO	Stainback Highway	Stainback Highway	16	both	Keali'i Bio	Linda Pratt	24-Jan-05	262244	2164420	UTM Zone 5 NAD 83	1328	4357
Paspalum urvillei	PasUrv			East of HAVO	Stainback Highway	Stainback Highway	17	both	Keali'i Bio	Linda Pratt	24-Jan-05	260706	2164215	UTM Zone 5 NAD 83	1434	4705
Paspalum urvillei	PasUrv			East of HAVO	Stainback Highway	Stainback Highway	18	both	Keali'i Bio	Linda Pratt	24-Jan-05	259274	2163747	UTM Zone 5 NAD 83	1528	5013
Paspalum urvillei	PasUrv			HAVO	Chain of Craters Rd	Chain of Craters Rd	0	both	Keali'i Bio	Linda Pratt	31-May-01	263393	2147218	UTM Zone 5 NAD 83	1135	3724
Paspalum urvillei	PasUrv			HAVO	Chain of Craters Rd	Chain of Craters Rd	1	both	Keali'i Bio	Linda Pratt	31-May-01	263783	2145709	UTM Zone 5 NAD 83	1107	3632
Paspalum urvillei	PasUrv			HAVO	Chain of Craters Rd	Chain of Craters Rd	2	both	Keali'i Bio	Linda Pratt	31-May-01	264754	2144382	UTM Zone 5 NAD 83	1045	3428
Paspalum urvillei	PasUrv			HAVO	Chain of Craters Rd	Chain of Craters Rd	3	left (even mile	Keali'i Bio	Robert Yamanoha	31-May-01	265912	2143452	UTM Zone 5 NAD 83	1002	3287
Paspalum urvillei	PasUrv			HAVO	Chain of Craters Rd	Chain of Craters Rd	6	right (odd mile	Keali'i Bio		31-May-01	268022	2139839	UTM Zone 5 NAD 83	843	2766
Paspalum urvillei	PasUrv			HAVO	Chain of Craters Rd	Chain of Craters Rd	7	right (odd mile	Keali'i Bio		31-May-01	269208	2138981	UTM Zone 5 NAD 83	770	2526
Paspalum urvillei	PasUrv			HAVO	Chain of Craters Rd	Chain of Craters Rd	9	right (odd mile	Keali'i Bio		31-May-01	271712	2137525	UTM Zone 5 NAD 83	641	2103
Paspalum urvillei	PasUrv			HAVO	Chain of Craters Rd	Chain of Craters Rd	10	both	Keali'i Bio	Linda Pratt	06-Jun-01	273179	2137236	UTM Zone 5 NAD 83	586	1923
Paspalum urvillei	PasUrv			HAVO	Chain of Craters Rd	Chain of Craters Rd	11	both	Keali'i Bio	Linda Pratt	06-Jun-01	274716	2136863	UTM Zone 5 NAD 83	487	1598
Paspalum urvillei	PasUrv			HAVO	Chain of Craters Rd	Chain of Craters Rd	12	both	Keali'i Bio	Linda Pratt	06-Jun-01	276347	2137027	UTM Zone 5 NAD 83	389	1276
Paspalum urvillei	PasUrv			HAVO	Chain of Craters Rd	Chain of Craters Rd	13	left (even)	Linda Pratt		06-Jun-01	275080	2136341	UTM Zone 5 NAD 83	281	922
Paspalum urvillei	PasUrv			HAVO	Chain of Craters Rd	Chain of Craters Rd	14	both	Keali'i Bio	Linda Pratt	06-Jun-01	273674	2135766	UTM Zone 5 NAD 83	195	640
Paspalum urvillei	PasUrv			HAVO	Chain of Craters Rd	Chain of Craters Rd	15	right (odd)	Keali'i Bio		06-Jun-01	274404	2134602	UTM Zone 5 NAD 83	109	358
Paspalum urvillei	PasUrv			HAVO	Chain of Craters Rd	Chain of Craters Rd	17	right (odd)	Keali'i Bio		06-Jun-01	277363	2133480	UTM Zone 5 NAD 83	18	59
Paspalum urvillei	PasUrv			HAVO	Chain of Craters Rd	Chain of Craters Rd	19	both	Keali'i Bio	Linda Pratt	06-Jun-01	280123	2135093	UTM Zone 5 NAD 83	14	46
Paspalum urvillei	PasUrv			HAVO	Crater Rim Rd	Crater Rim Rd	0	both	Linda Pratt	Keali'i Bio	23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Paspalum urvillei	PasUrv			HAVO	Crater Rim Rd	Crater Rim Rd	2	right	Keali'i Bio		23-Jul-01	260209	2149821	UTM Zone 5 NAD 83	1228	4029
Paspalum urvillei	PasUrv			HAVO	Crater Rim Rd	Crater Rim Rd	4	right	Keali'i Bio		23-Jul-01	258880	2147374	UTM Zone 5 NAD 83	1148	3766
Paspalum urvillei	PasUrv			HAVO	Crater Rim Rd	Crater Rim Rd	5	right	Keali'i Bio		23-Jul-01	259825	2146599	UTM Zone 5 NAD 83	1119	3671
Paspalum urvillei	PasUrv			HAVO	Crater Rim Rd	Crater Rim Rd	6	both	Linda Pratt	Keali'i Bio	23-Jul-01	261322	2146491	UTM Zone 5 NAD 83	1109	3638
Paspalum urvillei	PasUrv			HAVO	Crater Rim Rd	Crater Rim Rd	7	both	Linda Pratt	Keali'i Bio	23-Jul-01	262735	2147218	UTM Zone 5 NAD 83	1146	3760
Paspalum urvillei	PasUrv			HAVO	Crater Rim Rd	Crater Rim Rd	8	both	Linda Pratt	Keali'i Bio	23-Jul-01	264190	2147608	UTM Zone 5 NAD 83	1153	3783
Paspalum urvillei	PasUrv			HAVO	Crater Rim Rd	Crater Rim Rd	9	both	Linda Pratt	Keali'i Bio	23-Jul-01	264678	2148282	UTM Zone 5 NAD 83	1194	3917
Paspalum urvillei	PasUrv			HAVO	Crater Rim Rd	Crater Rim Rd	10	both	Linda Pratt	Keali'i Bio	23-Jul-01	263738	2149287	UTM Zone 5 NAD 83	1181	3875
Paspalum urvillei	PasUrv			HAVO	Highway 11	Highway 11	23	both	Keali'i Bio	Linda Pratt	17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Paspalum urvillei	PasUrv			HAVO	Highway 11	Highway 11	24	both	Keali'i Bio	Linda Pratt	17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Paspalum urvillei	PasUrv			HAVO	Highway 11	Highway 11	25	both	Keali'i Bio	Linda Pratt	17-May-01	267829	2151333	UTM Zone 5 NAD 83	1029	3376
Paspalum urvillei	PasUrv			HAVO	Highway 11	Highway 11	26	both	Keali'i Bio	Linda Pratt	17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Paspalum urvillei	PasUrv			HAVO	Highway 11	Highway 11	27	both	Keali'i Bio	Linda Pratt	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Paspalum urvillei	PasUrv			HAVO	Highway 11	Highway 11	28	both	Keali'i Bio	Robert Yamanoha	21-May-01	263792	2149317	UTM Zone 5 NAD 83	1182	3878
Paspalum urvillei	PasUrv			HAVO	Highway 11	Highway 11	29	both	Keali'i Bio	Robert Yamanoha	21-May-01	262687	2150443	UTM Zone 5 NAD 83	1219	3999

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Paspalum urvillei	PasUrv			HAVO	Highway 11	Highway 11	30	both	Keali'i Bio	Linda Pratt	18-May-01	261165	2150609	UTM Zone 5 NAD 83	1226	4022
Paspalum urvillei	PasUrv			HAVO	Highway 11	Highway 11	31	both	Keali'i Bio	Linda Pratt	18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009
Paspalum urvillei	PasUrv			HAVO	Highway 11	Highway 11	32	makai	Linda Pratt	Steve Dougill	18-May-01	258337	2149127	UTM Zone 5 NAD 83	1185	3888
Paspalum urvillei	PasUrv			HAVO	Highway 11	Highway 11	33	makai	Linda Pratt	Steve Dougill	18-May-01	256886	2148424	UTM Zone 5 NAD 83	1127	3698
Paspalum urvillei	PasUrv			HAVO	Highway 11	Highway 11	35	mauka	Keali'i Bio		18-May-01	254327	2146502	UTM Zone 5 NAD 83	1046	3432
Paspalum urvillei	PasUrv			HAVO	Highway 11	Highway 11	37	makai	Steve Dougill	Robert Yamanoha	21-May-01	252204	2144180	UTM Zone 5 NAD 83	960	3150
Paspalum urvillei	PasUrv			HAVO	Highway 11	Highway 11	39	mauka	Keali'i Bio		21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
Paspalum urvillei	PasUrv			HAVO	Highway 11	Highway 11	40	mauka	Keali'i Bio		21-May-01	248932	2140652	UTM Zone 5 NAD 83	847	2779
Paspalum urvillei	PasUrv			HAVO	Highway 11	Highway 11	42	mauka	Keali'i Bio		30-May-01	247211	2137934	UTM Zone 5 NAD 83	754	2474
Paspalum urvillei	PasUrv			HAVO	Highway 11	Highway 11	43	both	Keali'i Bio	Robert Yamanoha	30-May-01	246380	2136565	UTM Zone 5 NAD 83	726	2382
Paspalum urvillei	PasUrv			HAVO	Highway 11	Highway 11	44	both	Keali'i Bio	Robert Yamanoha	30-May-01	245606	2135157	UTM Zone 5 NAD 83	682	2238
Paspalum urvillei	PasUrv			HAVO	Highway 11	Highway 11	45	both	Keali'i Bio	Robert Yamanoha	30-May-01	244911	2133713	UTM Zone 5 NAD 83	628	2060
Paspalum urvillei	PasUrv			HAVO	Highway 11	Highway 11	46	mauka	Keali'i Bio		30-May-01	244057	2132365	UTM Zone 5 NAD 83	586	1923
Paspalum urvillei	PasUrv			HAVO	Highway 11	Highway 11	49	mauka	Keali'i Bio		04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Paspalum urvillei	PasUrv			HAVO	Highway 11	Highway 11	65	makai	Keali'i Bio		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Paspalum urvillei	PasUrv			HAVO	Highway 11	Highway 11	67	makai	Keali'i Bio		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Paspalum urvillei	PasUrv			HAVO	Hilina Pali Rd	Hilina Pali Rd	0	both	Keali'i Bio	Linda Pratt	08-Aug-01	264928	2144119	UTM Zone 5 NAD 83	1034	3392
Paspalum urvillei	PasUrv			HAVO	Hilina Pali Rd	Hilina Pali Rd	1	right	Keali'i Bio		08-Aug-01	263904	2142819	UTM Zone 5 NAD 83	1013	3323
Paspalum urvillei	PasUrv			HAVO	Hilina Pali Rd	Hilina Pali Rd	3	right	Keali'i Bio		08-Aug-01	261892	2140618	UTM Zone 5 NAD 83	981	3219
Paspalum urvillei	PasUrv			HAVO	Hilina Pali Rd	Hilina Pali Rd	4	both	Keali'i Bio	Linda Pratt	08-Aug-01	261042	2139784	UTM Zone 5 NAD 83	958	3143
Paspalum urvillei	PasUrv			HAVO	Hilina Pali Rd	Hilina Pali Rd	5	left	Linda Pratt		08-Aug-01	260579	2138426	UTM Zone 5 NAD 83	888	2913
Paspalum urvillei	PasUrv			HAVO	Hilina Pali Rd	Hilina Pali Rd	6	both	Keali'i Bio	Linda Pratt	08-Aug-01	259221	2137810	UTM Zone 5 NAD 83	859	2818
Paspalum urvillei	PasUrv			HAVO	Hilina Pali Rd	Hilina Pali Rd	7	both	Keali'i Bio	Linda Pratt	08-Aug-01	258530	2136558	UTM Zone 5 NAD 83	799	2621
Paspalum urvillei	PasUrv			HAVO	Hilina Pali Rd	Hilina Pali Rd	8	both	Keali'i Bio	Linda Pratt	08-Aug-01	257632	2135674	UTM Zone 5 NAD 83	733	2405
Paspalum urvillei	PasUrv			HAVO	Mauna Loa Rd	Mauna Loa Rd	1	both	Linda Pratt		20-Jun-01	258888	2150444	UTM Zone 5 NAD 83	1211	3973
Paspalum urvillei	PasUrv			HAVO	Mauna Loa Rd	Mauna Loa Rd	2	both	Linda Pratt		20-Jun-01	257651	2151066	UTM Zone 5 NAD 83	1223	4012
Paspalum urvillei	PasUrv			HAVO	Mauna Loa Rd	Mauna Loa Rd	3	both	Linda Pratt		20-Jun-01	256794	2151494	UTM Zone 5 NAD 83	1285	4216
Paspalum urvillei	PasUrv			HAVO	Mauna Loa Rd	Mauna Loa Rd	4	both	Linda Pratt		20-Jun-01	255333	2151589	UTM Zone 5 NAD 83	1356	4449
Paspalum urvillei	PasUrv			HAVO	Mauna Loa Rd	Mauna Loa Rd	5	both	Linda Pratt		20-Jun-01	254743	2152431	UTM Zone 5 NAD 83	1429	4688
Paspalum urvillei	PasUrv			HAVO	Mauna Loa Rd	Mauna Loa Rd	6	both	Linda Pratt		20-Jun-01	253984	2153448	UTM Zone 5 NAD 83	1500	4921
Paspalum urvillei	PasUrv			HAVO	Mauna Loa Rd	Mauna Loa Rd	7	both	Linda Pratt		20-Jun-01	253220	2154160	UTM Zone 5 NAD 83	1580	5184
Paspalum urvillei	PasUrv			HAVO	Mauna Loa Rd	Mauna Loa Rd	8	both	Linda Pratt		20-Jun-01	252221	2155114	UTM Zone 5 NAD 83	1686	5531
Paspalum urvillei	PasUrv			HAVO	Mauna Loa Rd	Mauna Loa Rd	9	both	Linda Pratt		20-Jun-01	250854	2155424	UTM Zone 5 NAD 83	1778	5833
Paspalum urvillei	PasUrv			HAVO	Mauna Loa Rd	Mauna Loa Rd	10	both	Linda Pratt		20-Jun-01	250386	2156103	UTM Zone 5 NAD 83	1883	6178
Paspalum urvillei	PasUrv			HAVO	Wright Rd	Wright Rd	0	both	Keali'i Bio	Linda Pratt	06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Paspalum urvillei	PasUrv			HAVO	Wright Rd	Wright Rd	1	both	Keali'i Bio	Linda Pratt	06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Paspalum urvillei	PasUrv			HAVO	Wright Rd	Wright Rd	2	both	Keali'i Bio	Linda Pratt	06-Oct-03	264381	2152867	UTM Zone 5 NAD 83	1161	3809
Paspalum urvillei	PasUrv			HAVO	Wright Rd	Wright Rd	3	both	Keali'i Bio	Linda Pratt	06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Paspalum urvillei	PasUrv			HAVO	Wright Rd	Wright Rd	4	both	Keali'i Bio	Linda Pratt	06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Passiflora edulis	PasEdu			East of HAVO	Highway 130	Highway 130	12	right	Keali'i Bio		19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Passiflora edulis	PasEdu			East of HAVO	Highway 130	Highway 130	16	left	Linda Pratt		19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Passiflora edulis	PasEdu			East of HAVO	Highway 130	Highway 130	18	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Passiflora edulis	PasEdu			East of HAVO	Highway 130	Highway 130	19	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Passiflora edulis	PasEdu			East of HAVO	Highway 130	Highway 130	20	both	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Passiflora edulis	PasEdu			HAVO	Chain of Craters Rd	Chain of Craters Rd	19	left (even)	Linda Pratt		06-Jun-01	280123	2135093	UTM Zone 5 NAD 83	14	46
Passiflora edulis	PasEdu			HAVO	Highway 11	Highway 11	39	mauka	Keali'i Bio		21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
Passiflora edulis	PasEdu			HAVO	Highway 11	Highway 11	65	makai	Keali'i Bio		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Passiflora edulis	PasEdu			HAVO	Highway 11	Highway 11	68	left	Laura Nelson		03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Passiflora edulis	PasEdu			HAVO	Highway 11	Highway 11	69	right	Keali'i Bio		03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Passiflora foetida	PasFoe			East of HAVO	Highway 130	Highway 130	18	left	Chelsie Javar	Keali'i Bio	20-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Passiflora foetida	PasFoe			East of HAVO	Highway 130	Highway 130	19	left	Chelsie Javar	Keali'i Bio	20-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276

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Passiflora foetida	PasFoe			East of HAVO	Highway 130	Highway 130	20	right	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Passiflora foetida	PasFoe			HAVO	Chain of Craters Rd	Chain of Craters Rd	15	right (odd)	Keali'i Bio		06-Jun-01	274404	2134602	UTM Zone 5 NAD 83	109	358
Passiflora foetida	PasFoe			HAVO	Chain of Craters Rd	Chain of Craters Rd	16	left (even)	Linda Pratt		06-Jun-01	275968	2134281	UTM Zone 5 NAD 83	46	151
Passiflora foetida	PasFoe			HAVO	Chain of Craters Rd	Chain of Craters Rd	17	right (odd)	Keali'i Bio		06-Jun-01	277363	2133480	UTM Zone 5 NAD 83	18	59
Passiflora foetida	PasFoe			HAVO	Chain of Craters Rd	Chain of Craters Rd	18	right (odd)	Keali'i Bio		06-Jun-01	278716	2134304	UTM Zone 5 NAD 83	13	43
Passiflora foetida	PasFoe			HAVO	Chain of Craters Rd	Chain of Craters Rd	19	both	Keali'i Bio	Linda Pratt	06-Jun-01	280123	2135093	UTM Zone 5 NAD 83	14	46
Passiflora ligularis	PasLig			HAVO	Wright Rd	Wright Rd	3	right	Keali'i Bio		06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Passiflora ligularis	PasLig			HAVO	Wright Rd	Wright Rd	4	right	Keali'i Bio		06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Passiflora tarminiana**	PasTar			HAVO	Wright Rd	Wright Rd	2	right	Keali'i Bio		06-Oct-03	264381	2152867	UTM Zone 5 NAD 83	1161	3809
Passiflora tarminiana**	PasTar			HAVO	Wright Rd	Wright Rd	3	both	Keali'i Bio	Linda Pratt	06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Pennisetum clandestinum	PenCla			East of HAVO	Stainback Highway	Stainback Highway	13	right	Keali'i Bio		24-Jan-05	266627	2165328	UTM Zone 5 NAD 83	1032	3386
Pennisetum clandestinum	PenCla			East of HAVO	Stainback Highway	Stainback Highway	14	both	Keali'i Bio	Linda Pratt	24-Jan-05	265311	2164578	UTM Zone 5 NAD 83	1130	3707
Pennisetum clandestinum	PenCla			East of HAVO	Stainback Highway	Stainback Highway	15	both	Keali'i Bio	Linda Pratt	24-Jan-05	263807	2164694	UTM Zone 5 NAD 83	1213	3980
Pennisetum clandestinum	PenCla			East of HAVO	Stainback Highway	Stainback Highway	16	both	Keali'i Bio	Linda Pratt	24-Jan-05	262244	2164420	UTM Zone 5 NAD 83	1328	4357
Pennisetum clandestinum	PenCla			East of HAVO	Stainback Highway	Stainback Highway	17	both	Keali'i Bio	Linda Pratt	24-Jan-05	260706	2164215	UTM Zone 5 NAD 83	1434	4705
Pennisetum clandestinum	PenCla			East of HAVO	Stainback Highway	Stainback Highway	18	both	Keali'i Bio	Linda Pratt	24-Jan-05	259274	2163747	UTM Zone 5 NAD 83	1528	5013
Pennisetum clandestinum	PenCla			HAVO	Chain of Craters Rd	Chain of Craters Rd	0	right (odd mile	Keali'i Bio		31-May-01	263393	2147218	UTM Zone 5 NAD 83	1135	3724
Pennisetum clandestinum	PenCla			HAVO	Chain of Craters Rd	Chain of Craters Rd	1	left (even mile	Linda Pratt	Robert Yamanoha	31-May-01	263783	2145709	UTM Zone 5 NAD 83	1107	3632
Pennisetum clandestinum	PenCla			HAVO	Chain of Craters Rd	Chain of Craters Rd	3	left (even mile	Linda Pratt	Robert Yamanoha	31-May-01	265912	2143452	UTM Zone 5 NAD 83	1002	3287
Pennisetum clandestinum	PenCla			HAVO	Chain of Craters Rd	Chain of Craters Rd	4	right (odd mile	Keali'i Bio		31-May-01	266449	2142261	UTM Zone 5 NAD 83	975	3199
Pennisetum clandestinum	PenCla			HAVO	Chain of Craters Rd	Chain of Craters Rd	5	right (odd mile	Keali'i Bio		31-May-01	266926	2140904	UTM Zone 5 NAD 83	908	2979
Pennisetum clandestinum	PenCla			HAVO	Chain of Craters Rd	Chain of Craters Rd	6	right (odd mile	Keali'i Bio		31-May-01	268022	2139839	UTM Zone 5 NAD 83	843	2766
Pennisetum clandestinum	PenCla			HAVO	Crater Rim Rd	Crater Rim Rd	0	both	Linda Pratt	Keali'i Bio	23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Pennisetum clandestinum	PenCla			HAVO	Crater Rim Rd	Crater Rim Rd	1	left	Linda Pratt		23-Jul-01	261717	2150216	UTM Zone 5 NAD 83	1210	3970
Pennisetum clandestinum	PenCla			HAVO	Crater Rim Rd	Crater Rim Rd	2	left	Linda Pratt		23-Jul-01	260209	2149821	UTM Zone 5 NAD 83	1228	4029
Pennisetum clandestinum	PenCla			HAVO	Crater Rim Rd	Crater Rim Rd	7	right	Linda Pratt		23-Jul-01	262735	2147218	UTM Zone 5 NAD 83	1146	3760
Pennisetum clandestinum	PenCla			HAVO	Crater Rim Rd	Crater Rim Rd	8	both	Linda Pratt	Keali'i Bio	23-Jul-01	264190	2147608	UTM Zone 5 NAD 83	1153	3783
Pennisetum clandestinum	PenCla			HAVO	Crater Rim Rd	Crater Rim Rd	9	both	Linda Pratt	Keali'i Bio	23-Jul-01	264678	2148282	UTM Zone 5 NAD 83	1194	3917
Pennisetum clandestinum	PenCla			HAVO	Crater Rim Rd	Crater Rim Rd	10	both	Linda Pratt	Keali'i Bio	23-Jul-01	263738	2149287	UTM Zone 5 NAD 83	1181	3875
Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	23	both	Keali'i Bio	Linda Pratt	17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	24	both	Keali'i Bio	Linda Pratt	17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	25	both	Keali'i Bio	Linda Pratt	17-May-01	267829	2151333	UTM Zone 5 NAD 83	1029	3376
Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	26	both	Keali'i Bio	Linda Pratt	17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	27	both	Keali'i Bio	Linda Pratt	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	28	both	Keali'i Bio	Robert Yamanoha	21-May-01	263792	2149317	UTM Zone 5 NAD 83	1182	3878
Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	29	both	Keali'i Bio	Robert Yamanoha	21-May-01	262687	2150443	UTM Zone 5 NAD 83	1219	3999
Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	30	both	Keali'i Bio	Linda Pratt	18-May-01	261165	2150609	UTM Zone 5 NAD 83	1226	4022
Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	31	both	Keali'i Bio	Linda Pratt	18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009
Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	34	mauka	Keali'i Bio		18-May-01	255546	2147576	UTM Zone 5 NAD 83	1087	3566
Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	39	mauka	Keali'i Bio		21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	40	makai	Steve Dougill	Robert Yamanoha	21-May-01	248932	2140652	UTM Zone 5 NAD 83	847	2779
Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	46	both	Keali'i Bio	Robert Yamanoha	30-May-01	244057	2132365	UTM Zone 5 NAD 83	586	1923
Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	47	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699
Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	49	makai	Robert Yamanoha		04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	65	makai	Keali'i Bio		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	67	makai	Keali'i Bio		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	68	both	Keali'i Bio	Laura Nelson	03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	69	both	Keali'i Bio	Laura Nelson	03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	70	both	Keali'i Bio	Laura Nelson	03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	71	both	Keali'i Bio	Laura Nelson	03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047
Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	72	both	Keali'i Bio	Laura Nelson	03-Apr-02	215850	2109628	UTM Zone 5 NAD 83	602	1975

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Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	73	left	Laura Nelson		02-Apr-02	214329	2110073	UTM Zone 5 NAD 83	597	1959
Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	77	right	Keali'i Bio		02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	78	right	Keali'i Bio		02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	79	mauka	Keali'i Bio		20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	80	mauka	Keali'i Bio		20-Mar-02	204197	2114294	UTM Zone 5 NAD 83	583	1913
Pennisetum clandestinum	PenCla			HAVO	Highway 11	Highway 11	81	mauka	Keali'i Bio		20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Pennisetum clandestinum	PenCla			HAVO	Hilina Pali Rd	Hilina Pali Rd	3	both	Keali'i Bio	Linda Pratt	08-Aug-01	261892	2140618	UTM Zone 5 NAD 83	981	3219
Pennisetum clandestinum	PenCla			HAVO	Hilina Pali Rd	Hilina Pali Rd	4	left	Linda Pratt		08-Aug-01	261042	2139784	UTM Zone 5 NAD 83	958	3143
Pennisetum clandestinum	PenCla			HAVO	Hilina Pali Rd	Hilina Pali Rd	6	both	Keali'i Bio	Linda Pratt	08-Aug-01	259221	2137810	UTM Zone 5 NAD 83	859	2818
Pennisetum clandestinum	PenCla			HAVO	Hilina Pali Rd	Hilina Pali Rd	7	both	Keali'i Bio	Linda Pratt	08-Aug-01	258530	2136558	UTM Zone 5 NAD 83	799	2621
Pennisetum clandestinum	PenCla			HAVO	Hilina Pali Rd	Hilina Pali Rd	8	both	Keali'i Bio	Linda Pratt	08-Aug-01	257632	2135674	UTM Zone 5 NAD 83	733	2405
Pennisetum clandestinum	PenCla			HAVO	Mauna Loa Rd	Mauna Loa Rd	1	both	Linda Pratt		20-Jun-01	258888	2150444	UTM Zone 5 NAD 83	1211	3973
Pennisetum clandestinum	PenCla			HAVO	Mauna Loa Rd	Mauna Loa Rd	2	both	Linda Pratt		20-Jun-01	257651	2151066	UTM Zone 5 NAD 83	1223	4012
Pennisetum clandestinum	PenCla			HAVO	Mauna Loa Rd	Mauna Loa Rd	3	both	Linda Pratt		20-Jun-01	256794	2151494	UTM Zone 5 NAD 83	1285	4216
Pennisetum clandestinum	PenCla			HAVO	Mauna Loa Rd	Mauna Loa Rd	4	both	Linda Pratt		20-Jun-01	255333	2151589	UTM Zone 5 NAD 83	1356	4449
Pennisetum clandestinum	PenCla			HAVO	Mauna Loa Rd	Mauna Loa Rd	5	both	Linda Pratt		20-Jun-01	254743	2152431	UTM Zone 5 NAD 83	1429	4688
Pennisetum clandestinum	PenCla			HAVO	Mauna Loa Rd	Mauna Loa Rd	9	both	Linda Pratt		20-Jun-01	250854	2155424	UTM Zone 5 NAD 83	1778	5833
Pennisetum clandestinum	PenCla			HAVO	Mauna Loa Rd	Mauna Loa Rd	10	both	Linda Pratt		20-Jun-01	250386	2156103	UTM Zone 5 NAD 83	1883	6178
Pennisetum clandestinum	PenCla			HAVO	Wright Rd	Wright Rd	0	both	Keali'i Bio	Linda Pratt	06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Pennisetum clandestinum	PenCla			HAVO	Wright Rd	Wright Rd	1	both	Keali'i Bio	Linda Pratt	06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Pennisetum clandestinum	PenCla			HAVO	Wright Rd	Wright Rd	2	both	Keali'i Bio	Linda Pratt	06-Oct-03	264381	2152867	UTM Zone 5 NAD 83	1161	3809
Pennisetum clandestinum	PenCla			HAVO	Wright Rd	Wright Rd	3	both	Keali'i Bio	Linda Pratt	06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Pennisetum clandestinum	PenCla			HAVO	Wright Rd	Wright Rd	4	both	Keali'i Bio	Linda Pratt	06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Pennisetum purpureum	PenPur			East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Pennisetum purpureum	PenPur			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Pennisetum purpureum	PenPur			East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Pennisetum purpureum	PenPur			East of HAVO	Highway 130	Highway 130	16	left	Linda Pratt		19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Pennisetum purpureum	PenPur			East of HAVO	Highway 130	Highway 130	18	left	Chelsie Javar	Keali'i Bio	20-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Pennisetum purpureum	PenPur			East of HAVO	Highway 130	Highway 130	19	left	Chelsie Javar	Keali'i Bio	20-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Pennisetum purpureum	PenPur			East of HAVO	Highway 130	Highway 130	20	left	Chelsie Javar	Keali'i Bio	20-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Pennisetum purpureum	PenPur			East of HAVO	Stainback Highway	Stainback Highway	9	right	Keali'i Bio		24-Jan-05	272678	2166769	UTM Zone 5 NAD 83	694	2277
Pennisetum purpureum	PenPur			HAVO	Highway 11	Highway 11	47	makai	Robert Yamanoha		04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699
Pennisetum purpureum	PenPur			HAVO	Highway 11	Highway 11	49	makai	Robert Yamanoha		04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Pennisetum purpureum	PenPur			HAVO	Highway 11	Highway 11	65	mauka	Laura Nelson		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Pennisetum purpureum	PenPur			HAVO	Highway 11	Highway 11	66	both	Keali'i Bio	Laura Nelson	16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Pennisetum purpureum	PenPur			HAVO	Highway 11	Highway 11	67	mauka	Laura Nelson		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Pennisetum purpureum	PenPur			HAVO	Highway 11	Highway 11	68	both	Keali'i Bio	Laura Nelson	03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Pennisetum purpureum	PenPur			HAVO	Highway 11	Highway 11	69	both	Keali'i Bio	Laura Nelson	03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Pennisetum purpureum	PenPur			HAVO	Highway 11	Highway 11	72	right	Keali'i Bio		03-Apr-02	215850	2109628	UTM Zone 5 NAD 83	602	1975
Pennisetum purpureum	PenPur			HAVO	Highway 11	Highway 11	77	right	Keali'i Bio		02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Pennisetum purpureum	PenPur			HAVO	Highway 11	Highway 11	78	right	Keali'i Bio		02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Pennisetum purpureum	PenPur			HAVO	Highway 11	Highway 11	79	mauka	Keali'i Bio		20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
Pennisetum purpureum	PenPur			HAVO	Highway 11	Highway 11	81	both	Keali'i Bio	Laura Nelson	20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Pennisetum purpureum	PenPur			HAVO	Wright Rd	Wright Rd	0	left	Linda Pratt		06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Pennisetum setaceum**	PenSet			HAVO	Chain of Craters Rd	Chain of Craters Rd	17	right (odd)	Keali'i Bio		06-Jun-01	277363	2133480	UTM Zone 5 NAD 83	18	59
Pennisetum setaceum**	PenSet			HAVO	Highway 11	Highway 11	28	mauka	Keali'i Bio		21-May-01	263792	2149317	UTM Zone 5 NAD 83	1182	3878
Pennisetum setaceum**	PenSet			HAVO	Highway 11	Highway 11	34	makai	Linda Pratt	Steve Dougill	18-May-01	255546	2147576	UTM Zone 5 NAD 83	1087	3566
Pennisetum setaceum**	PenSet			HAVO	Highway 11	Highway 11	39	mauka	Keali'i Bio		21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
Pennisetum setaceum**	PenSet			HAVO	Highway 11	Highway 11	40	mauka	Keali'i Bio		21-May-01	248932	2140652	UTM Zone 5 NAD 83	847	2779
Pennisetum setaceum**	PenSet			HAVO	Highway 11	Highway 11	70	left	Laura Nelson		03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Pennisetum setaceum**	PenSet			HAVO	Highway 11	Highway 11	71	both	Keali'i Bio	Laura Nelson	03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047

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Pennisetum setaceum**	PenSet			HAVO	Highway 11	Highway 11	72	both	Keali'i Bio	Laura Nelson	03-Apr-02	215850	2109628	UTM Zone 5 NAD 83	602	1975
Pennisetum setaceum**	PenSet			HAVO	Highway 11	Highway 11	73	both	Keali'i Bio	Laura Nelson	02-Apr-02	214329	2110073	UTM Zone 5 NAD 83	597	1959
Pennisetum setaceum**	PenSet			HAVO	Highway 11	Highway 11	74	left	Laura Nelson		02-Apr-02	213016	2110579	UTM Zone 5 NAD 83	596	1955
Pennisetum setaceum**	PenSet			HAVO	Highway 11	Highway 11	75	both	Keali'i Bio	Laura Nelson	02-Apr-02	211522	2111153	UTM Zone 5 NAD 83	596	1955
Pennisetum setaceum**	PenSet			HAVO	Highway 11	Highway 11	76	both	Keali'i Bio	Laura Nelson	02-Apr-02	210081	2111710	UTM Zone 5 NAD 83	594	1949
Pennisetum setaceum**	PenSet			HAVO	Highway 11	Highway 11	77	both	Keali'i Bio	Laura Nelson	02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Pennisetum setaceum**	PenSet			HAVO	Highway 11	Highway 11	78	right	Keali'i Bio		02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Pennisetum setaceum**	PenSet			HAVO	Highway 11	Highway 11	79	mauka	Keali'i Bio		20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
Pennisetum setaceum**	PenSet			HAVO	Highway 11	Highway 11	80	both	Keali'i Bio	Laura Nelson	20-Mar-02	204197	2114294	UTM Zone 5 NAD 83	583	1913
Persicaria capitata	PerCap			East of HAVO	Highway 130	Highway 130	13	left	Linda Pratt		19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Persicaria capitata	PerCap			East of HAVO	Highway 130	Highway 130	14	left	Linda Pratt		19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Persicaria capitata	PerCap			East of HAVO	Highway 130	Highway 130	15	right	Keali'i Bio		19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Persicaria capitata	PerCap			East of HAVO	Highway 130	Highway 130	16	both	Keali'i Bio	Linda Pratt	19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Persicaria capitata	PerCap			East of HAVO	Highway 130	Highway 130	18	left	Chelsie Javar	Keali'i Bio	20-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Persicaria capitata	PerCap			East of HAVO	Stainback Highway	Stainback Highway	9	both	Keali'i Bio	Linda Pratt	24-Jan-05	272678	2166769	UTM Zone 5 NAD 83	694	2277
Persicaria capitata	PerCap			East of HAVO	Stainback Highway	Stainback Highway	10	both	Keali'i Bio	Linda Pratt	24-Jan-05	271239	2166177	UTM Zone 5 NAD 83	793	2602
Persicaria capitata	PerCap			East of HAVO	Stainback Highway	Stainback Highway	11	both	Keali'i Bio	Linda Pratt	24-Jan-05	269708	2165751	UTM Zone 5 NAD 83	882	2894
Persicaria capitata	PerCap			East of HAVO	Stainback Highway	Stainback Highway	12	both	Keali'i Bio	Linda Pratt	24-Jan-05	268168	2165427	UTM Zone 5 NAD 83	954	3130
Persicaria capitata	PerCap			East of HAVO	Stainback Highway	Stainback Highway	13	both	Keali'i Bio	Linda Pratt	24-Jan-05	266627	2165328	UTM Zone 5 NAD 83	1032	3386
Persicaria capitata	PerCap			East of HAVO	Stainback Highway	Stainback Highway	14	both	Keali'i Bio	Linda Pratt	24-Jan-05	265311	2164578	UTM Zone 5 NAD 83	1130	3707
Persicaria capitata	PerCap			East of HAVO	Stainback Highway	Stainback Highway	15	both	Keali'i Bio	Linda Pratt	24-Jan-05	263807	2164694	UTM Zone 5 NAD 83	1213	3980
Persicaria capitata	PerCap			East of HAVO	Stainback Highway	Stainback Highway	16	both	Keali'i Bio	Linda Pratt	24-Jan-05	262244	2164420	UTM Zone 5 NAD 83	1328	4357
Persicaria capitata	PerCap			East of HAVO	Stainback Highway	Stainback Highway	17	both	Keali'i Bio	Linda Pratt	24-Jan-05	260706	2164215	UTM Zone 5 NAD 83	1434	4705
Persicaria capitata	PerCap			East of HAVO	Stainback Highway	Stainback Highway	18	both	Keali'i Bio	Linda Pratt	24-Jan-05	259274	2163747	UTM Zone 5 NAD 83	1528	5013
Persicaria capitata	PerCap			HAVO	Chain of Craters Rd	Chain of Craters Rd	0	both	Keali'i Bio	Linda Pratt	31-May-01	263393	2147218	UTM Zone 5 NAD 83	1135	3724
Persicaria capitata	PerCap			HAVO	Chain of Craters Rd	Chain of Craters Rd	1	both	Keali'i Bio	Linda Pratt	31-May-01	263783	2145709	UTM Zone 5 NAD 83	1107	3632
Persicaria capitata	PerCap			HAVO	Chain of Craters Rd	Chain of Craters Rd	2	both	Keali'i Bio	Linda Pratt	31-May-01	264754	2144382	UTM Zone 5 NAD 83	1045	3428
Persicaria capitata	PerCap			HAVO	Chain of Craters Rd	Chain of Craters Rd	3	both	Keali'i Bio	Linda Pratt	31-May-01	265912	2143452	UTM Zone 5 NAD 83	1002	3287
Persicaria capitata	PerCap			HAVO	Chain of Craters Rd	Chain of Craters Rd	4	left (even mile	Linda Pratt	Robert Yamanoha	31-May-01	266449	2142261	UTM Zone 5 NAD 83	975	3199
Persicaria capitata	PerCap			HAVO	Chain of Craters Rd	Chain of Craters Rd	5	right (odd mile	Keali'i Bio		31-May-01	266926	2140904	UTM Zone 5 NAD 83	908	2979
Persicaria capitata	PerCap			HAVO	Chain of Craters Rd	Chain of Craters Rd	6	both	Keali'i Bio	Linda Pratt	31-May-01	268022	2139839	UTM Zone 5 NAD 83	843	2766
Persicaria capitata	PerCap			HAVO	Chain of Craters Rd	Chain of Craters Rd	7	both	Keali'i Bio	Linda Pratt	31-May-01	269208	2138981	UTM Zone 5 NAD 83	770	2526
Persicaria capitata	PerCap			HAVO	Chain of Craters Rd	Chain of Craters Rd	8	right (odd mile	Keali'i Bio		31-May-01	270524	2138448	UTM Zone 5 NAD 83	730	2395
Persicaria capitata	PerCap			HAVO	Chain of Craters Rd	Chain of Craters Rd	9	right (odd mile	Keali'i Bio		31-May-01	271712	2137525	UTM Zone 5 NAD 83	641	2103
Persicaria capitata	PerCap			HAVO	Chain of Craters Rd	Chain of Craters Rd	10	both	Keali'i Bio	Linda Pratt	06-Jun-01	273179	2137236	UTM Zone 5 NAD 83	586	1923
Persicaria capitata	PerCap			HAVO	Chain of Craters Rd	Chain of Craters Rd	11	both	Keali'i Bio	Linda Pratt	06-Jun-01	274716	2136863	UTM Zone 5 NAD 83	487	1598
Persicaria capitata	PerCap			HAVO	Chain of Craters Rd	Chain of Craters Rd	12	both	Keali'i Bio	Linda Pratt	06-Jun-01	276347	2137027	UTM Zone 5 NAD 83	389	1276
Persicaria capitata	PerCap			HAVO	Crater Rim Rd	Crater Rim Rd	0	both	Linda Pratt	Keali'i Bio	23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Persicaria capitata	PerCap			HAVO	Crater Rim Rd	Crater Rim Rd	1	both	Linda Pratt	Keali'i Bio	23-Jul-01	261717	2150216	UTM Zone 5 NAD 83	1210	3970
Persicaria capitata	PerCap			HAVO	Crater Rim Rd	Crater Rim Rd	2	both	Linda Pratt	Keali'i Bio	23-Jul-01	260209	2149821	UTM Zone 5 NAD 83	1228	4029
Persicaria capitata	PerCap			HAVO	Crater Rim Rd	Crater Rim Rd	7	both	Linda Pratt	Keali'i Bio	23-Jul-01	262735	2147218	UTM Zone 5 NAD 83	1146	3760
Persicaria capitata	PerCap			HAVO	Crater Rim Rd	Crater Rim Rd	8	both	Linda Pratt	Keali'i Bio	23-Jul-01	264190	2147608	UTM Zone 5 NAD 83	1153	3783
Persicaria capitata	PerCap			HAVO	Crater Rim Rd	Crater Rim Rd	9	both	Linda Pratt	Keali'i Bio	23-Jul-01	264678	2148282	UTM Zone 5 NAD 83	1194	3917
Persicaria capitata	PerCap			HAVO	Crater Rim Rd	Crater Rim Rd	10	both	Linda Pratt	Keali'i Bio	23-Jul-01	263738	2149287	UTM Zone 5 NAD 83	1181	3875
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	23	both	Keali'i Bio	Linda Pratt	17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	24	both	Keali'i Bio	Linda Pratt	17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	25	both	Keali'i Bio	Linda Pratt	17-May-01	267829	2151333	UTM Zone 5 NAD 83	1029	3376
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	26	both	Keali'i Bio	Linda Pratt	17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	27	both	Keali'i Bio	Linda Pratt	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	28	both	Keali'i Bio	Robert Yamanoha	21-May-01	263792	2149317	UTM Zone 5 NAD 83	1182	3878
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	29	both	Keali'i Bio	Robert Yamanoha	21-May-01	262687	2150443	UTM Zone 5 NAD 83	1219	3999

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Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	30	both	Keali'i Bio	Linda Pratt	18-May-01	261165	2150609	UTM Zone 5 NAD 83	1226	4022
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	31	both	Keali'i Bio	Linda Pratt	18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	32	both	Keali'i Bio	Linda Pratt	18-May-01	258337	2149127	UTM Zone 5 NAD 83	1185	3888
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	33	both	Keali'i Bio	Linda Pratt	18-May-01	256886	2148424	UTM Zone 5 NAD 83	1127	3698
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	34	both	Keali'i Bio	Linda Pratt	18-May-01	255546	2147576	UTM Zone 5 NAD 83	1087	3566
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	35	both	Keali'i Bio	Linda Pratt	18-May-01	254327	2146502	UTM Zone 5 NAD 83	1046	3432
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	36	both	Keali'i Bio	Linda Pratt	18-May-01	253248	2145389	UTM Zone 5 NAD 83	1010	3314
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	37	both	Keali'i Bio	Robert Yamanoha	21-May-01	252204	2144180	UTM Zone 5 NAD 83	960	3150
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	38	both	Keali'i Bio	Robert Yamanoha	21-May-01	251039	2143084	UTM Zone 5 NAD 83	919	3015
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	39	mauka	Keali'i Bio		21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	40	mauka	Keali'i Bio		21-May-01	248932	2140652	UTM Zone 5 NAD 83	847	2779
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	42	mauka	Keali'i Bio		30-May-01	247211	2137934	UTM Zone 5 NAD 83	754	2474
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	43	mauka	Keali'i Bio		30-May-01	246380	2136565	UTM Zone 5 NAD 83	726	2382
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	44	mauka	Keali'i Bio		30-May-01	245606	2135157	UTM Zone 5 NAD 83	682	2238
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	45	mauka	Keali'i Bio		30-May-01	244911	2133713	UTM Zone 5 NAD 83	628	2060
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	65	mauka	Laura Nelson		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	70	right	Keali'i Bio		03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	71	both	Keali'i Bio	Laura Nelson	03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	72	right	Keali'i Bio		03-Apr-02	215850	2109628	UTM Zone 5 NAD 83	602	1975
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	73	both	Keali'i Bio	Laura Nelson	02-Apr-02	214329	2110073	UTM Zone 5 NAD 83	597	1959
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	74	left	Laura Nelson		02-Apr-02	213016	2110579	UTM Zone 5 NAD 83	596	1955
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	75	both	Keali'i Bio	Laura Nelson	02-Apr-02	211522	2111153	UTM Zone 5 NAD 83	596	1955
Persicaria capitata	PerCap			HAVO	Highway 11	Highway 11	77	both	Keali'i Bio	Laura Nelson	02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Persicaria capitata	PerCap			HAVO	Hilina Pali Rd	Hilina Pali Rd	5	left	Linda Pratt		08-Aug-01	260579	2138426	UTM Zone 5 NAD 83	888	2913
Persicaria capitata	PerCap			HAVO	Mauna Loa Rd	Mauna Loa Rd	9	both	Linda Pratt		20-Jun-01	250854	2155424	UTM Zone 5 NAD 83	1778	5833
Persicaria capitata	PerCap			HAVO	Mauna Loa Rd	Mauna Loa Rd	10	both	Linda Pratt		20-Jun-01	250386	2156103	UTM Zone 5 NAD 83	1883	6178
Persicaria capitata	PerCap			HAVO	Wright Rd	Wright Rd	0	both	Keali'i Bio	Linda Pratt	06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Persicaria capitata	PerCap			HAVO	Wright Rd	Wright Rd	1	left	Linda Pratt		06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Persicaria capitata	PerCap			HAVO	Wright Rd	Wright Rd	2	both	Keali'i Bio	Linda Pratt	06-Oct-03	264381	2152867	UTM Zone 5 NAD 83	1161	3809
Persicaria capitata	PerCap			HAVO	Wright Rd	Wright Rd	3	both	Keali'i Bio	Linda Pratt	06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Persicaria capitata	PerCap			HAVO	Wright Rd	Wright Rd	4	both	Keali'i Bio	Linda Pratt	06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Persicaria capitata	PerCap			Residential	Mauna Loa Estates	10th			Keali'i Bio	Linda Pratt	05-Aug-03	267706	2149734	UTM Zone 5 NAD 83	1070	3510
Persicaria capitata	PerCap			Residential	Mauna Loa Estates	12th			Keali'i Bio	Linda Pratt	05-Aug-03	267613	2149349	UTM Zone 5 NAD 83	1084	3556
Persicaria capitata	PerCap			Residential	Mauna Loa Estates	13th			Keali'i Bio	Linda Pratt	05-Aug-03	267308	2148966	UTM Zone 5 NAD 83	1095	3593
Persicaria capitata	PerCap			Residential	Mauna Loa Estates	1st			Keali'i Bio	Linda Pratt	12-Aug-03	266167	2150096	UTM Zone 5 NAD 83	1117	3665
Persicaria capitata	PerCap			Residential	Mauna Loa Estates	2nd			Keali'i Bio	Linda Pratt	12-Aug-03	267113	2150594	UTM Zone 5 NAD 83	1077	3533
Persicaria capitata	PerCap			Residential	Mauna Loa Estates	3rd			Keali'i Bio	Linda Pratt	12-Aug-03	266174	2149775	UTM Zone 5 NAD 83	1122	3681
Persicaria capitata	PerCap			Residential	Mauna Loa Estates	4th			Keali'i Bio	Linda Pratt	12-Aug-03	267267	2150381	UTM Zone 5 NAD 83	1074	3524
Persicaria capitata	PerCap			Residential	Mauna Loa Estates	5th			Keali'i Bio	Linda Pratt	12-Aug-03	266327	2149568	UTM Zone 5 NAD 83	1120	3675
Persicaria capitata	PerCap			Residential	Mauna Loa Estates	6th			Keali'i Bio	Linda Pratt	12-Aug-03	267422	2150179	UTM Zone 5 NAD 83	1063	3488
Persicaria capitata	PerCap			Residential	Mauna Loa Estates	7th			Keali'i Bio	Linda Pratt	12-Aug-03	266470	2149349	UTM Zone 5 NAD 83	1121	3678
Persicaria capitata	PerCap			Residential	Mauna Loa Estates	8th			Keali'i Bio	Linda Pratt	12-Aug-03	266498	2149211	UTM Zone 5 NAD 83	1123	3684
Persicaria capitata	PerCap			Residential	Mauna Loa Estates	9th			Keali'i Bio	Linda Pratt	05-Aug-03	266599	2149121	UTM Zone 5 NAD 83	1119	3671
Persicaria capitata	PerCap			Residential	Mauna Loa Estates	Jade			Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Persicaria capitata	PerCap			Residential	Mauna Loa Estates	Jade			Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Persicaria capitata	PerCap			Residential	Mauna Loa Estates	Pearl			Keali'i Bio	Linda Pratt	05-Aug-03	267039	2149092	UTM Zone 5 NAD 83	1108	3635
Persicaria capitata	PerCap			Residential	Mauna Loa Estates	Pearl			Keali'i Bio	Linda Pratt	05-Aug-03	266271	2150161	UTM Zone 5 NAD 83	1113	3652
Persicaria capitata	PerCap			Residential	Mauna Loa Estates	Ruby			Keali'i Bio	Linda Pratt	05-Aug-03	266531	2150362	UTM Zone 5 NAD 83	1101	3612
Persicaria capitata	PerCap			Residential	Volcano Golf Course	Ka'akia			Keali'i Bio	Linda Pratt	12-Aug-03	260531	2151897	UTM Zone 5 NAD 83	1227	4026
Persicaria capitata	PerCap			Residential	Volcano Golf Course	Kaekaha			Keali'i Bio	Linda Pratt	12-Aug-03	260497	2151315	UTM Zone 5 NAD 83	1219	3999
Persicaria capitata	PerCap			Residential	Volcano Golf Course	Kanaio			Keali'i Bio	Linda Pratt	12-Aug-03	260089	2151454	UTM Zone 5 NAD 83	1220	4003

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Persicaria capitata	PerCap		Residential	Volcano Golf Course	Kanawao			Keali'i Bio	Linda Pratt	12-Aug-03	260269	2151514	UTM Zone 5 NAD 83	1221	4006
Persicaria capitata	PerCap		Residential	Volcano Golf Course	Kanawao			Keali'i Bio	Linda Pratt	12-Aug-03	260338	2151218	UTM Zone 5 NAD 83	1218	3996
Persicaria capitata	PerCap		Residential	Volcano Golf Course	Kanoni			Keali'i Bio	Linda Pratt	12-Aug-03	260302	2151756	UTM Zone 5 NAD 83	1225	4019
Persicaria capitata	PerCap		Residential	Volcano Golf Course	Kaohelo			Keali'i Bio	Linda Pratt	12-Aug-03	260961	2151805	UTM Zone 5 NAD 83	1228	4029
Persicaria capitata	PerCap		Residential	Volcano Golf Course	Kapoha			Keali'i Bio	Linda Pratt	12-Aug-03	260904	2151945	UTM Zone 5 NAD 83	1228	4029
Persicaria capitata	PerCap		Residential	Volcano Golf Course	Kilau			Keali'i Bio	Linda Pratt	12-Aug-03	260465	2151503	UTM Zone 5 NAD 83	1222	4009
Persicaria capitata	PerCap		Residential	Volcano Golf Course	Kolokea			Keali'i Bio	Linda Pratt	12-Aug-03	260806	2152014	UTM Zone 5 NAD 83	1227	4026
Persicaria capitata	PerCap		Residential	Volcano Golf Course	Palaa			Keali'i Bio	Linda Pratt	12-Aug-03	260126	2151287	UTM Zone 5 NAD 83	1219	3999
Persicaria capitata	PerCap		Residential	Volcano Golf Course	Piimauna			Keali'i Bio	Linda Pratt	12-Aug-03	260201	2151733	UTM Zone 5 NAD 83	1224	4016
Persicaria capitata	PerCap		Residential	Volcano Golf Course	Popohau			Keali'i Bio	Linda Pratt	12-Aug-03	260694	2151250	UTM Zone 5 NAD 83	1223	4012
Persicaria capitata	PerCap		Residential	Volcano Golf Course	Pukiawe Circle E			Keali'i Bio	Linda Pratt	12-Aug-03	260894	2151948	UTM Zone 5 NAD 83	1228	4029
Persicaria capitata	PerCap		Residential	Volcano Golf Course	Pukiawe Circle E			Keali'i Bio	Linda Pratt	12-Aug-03	260735	2151256	UTM Zone 5 NAD 83	1223	4012
Persicaria capitata	PerCap		Residential	Volcano Golf Course	Pukiawe Circle W			Keali'i Bio	Linda Pratt	12-Aug-03	260379	2151269	UTM Zone 5 NAD 83	1219	3999
Persicaria capitata	PerCap		Residential	Volcano Golf Course	Pukiawe Circle W			Keali'i Bio	Linda Pratt	12-Aug-03	260317	2151596	UTM Zone 5 NAD 83	1223	4012
Persicaria capitata	PerCap		Residential	Volcano Golf Course	Pukiawe Pl.			Keali'i Bio	Linda Pratt	12-Aug-03	260609	2151405	UTM Zone 5 NAD 83	1223	4012
Persicaria capitata	PerCap		Residential	Volcano Golf Course	Uluhe Pl.			Keali'i Bio	Linda Pratt	12-Aug-03	260922	2151449	UTM Zone 5 NAD 83	1226	4022
Persicaria capitata	PerCap		Residential	Volcano Village	Elepaio			Keali'i Bio	Linda Pratt	05-Aug-03	264484	2151364	UTM Zone 5 NAD 83	1170	3839
Persicaria capitata	PerCap		Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	265443	2149531	UTM Zone 5 NAD 83	1143	3750
Persicaria capitata	PerCap		Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264300	2151658	UTM Zone 5 NAD 83	1172	3845
Persicaria capitata	PerCap		Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264690	2150983	UTM Zone 5 NAD 83	1158	3799
Persicaria capitata	PerCap		Residential	Volcano Village	I'wi Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264207	2150551	UTM Zone 5 NAD 83	1180	3871
Persicaria capitata	PerCap		Residential	Volcano Village	I'wi Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264670	2149864	UTM Zone 5 NAD 83	1161	3809
Persicaria capitata	PerCap		Residential	Volcano Village	Kalani Honua			Keali'i Bio	Linda Pratt	05-Aug-03	264556	2150447	UTM Zone 5 NAD 83	1165	3822
Persicaria capitata	PerCap		Residential	Volcano Village	Kalani Honua			Keali'i Bio	Linda Pratt	05-Aug-03	265018	2150400	UTM Zone 5 NAD 83	1142	3747
Persicaria capitata	PerCap		Residential	Volcano Village	Keonelehua			Keali'i Bio	Linda Pratt	05-Aug-03	265525	2150832	UTM Zone 5 NAD 83	1138	3734
Persicaria capitata	PerCap		Residential	Volcano Village	Kilauea			Keali'i Bio	Linda Pratt	05-Aug-03	264649	2149873	UTM Zone 5 NAD 83	1162	3812
Persicaria capitata	PerCap		Residential	Volcano Village	Laukapu			Keali'i Bio	Linda Pratt	05-Aug-03	265110	2151069	UTM Zone 5 NAD 83	1145	3757
Persicaria capitata	PerCap		Residential	Volcano Village	Laukapu			Keali'i Bio	Linda Pratt	05-Aug-03	265865	2151504	UTM Zone 5 NAD 83	1117	3665
Persicaria capitata	PerCap		Residential	Volcano Village	Old Volcano Hwy			Keali'i Bio	Linda Pratt	05-Aug-03	265216	2149679	UTM Zone 5 NAD 83	1143	3750
Persicaria capitata	PerCap		Residential	Volcano Village	Road B			Keali'i Bio	Linda Pratt	05-Aug-03	265452	2151277	UTM Zone 5 NAD 83	1135	3724
Persicaria capitata	PerCap		Residential	Volcano Village	Road C			Keali'i Bio	Linda Pratt	05-Aug-03	265199	2151994	UTM Zone 5 NAD 83	1137	3730
Persicaria capitata	PerCap		Residential	Volcano Village	Road D			Keali'i Bio	Linda Pratt	05-Aug-03	265712	2151426	UTM Zone 5 NAD 83	1125	3691
Persicaria capitata	PerCap		Residential	Volcano Village	Road E			Keali'i Bio	Linda Pratt	05-Aug-03	265470	2152152	UTM Zone 5 NAD 83	1129	3704
Phormium tenax	PhoTen		HAVO	Highway 11	Highway 11	27	mauka	Linda Pratt	Robert Yamanoha	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Phormium tenax	PhoTen		HAVO	Wright Rd	Wright Rd	3	right	Keali'i Bio		06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Phormium tenax	PhoTen		HAVO	Wright Rd	Wright Rd	4	left	Linda Pratt		06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Phormium tenax	PhoTen		Residential	Mauna Loa Estates	1st			Keali'i Bio	Linda Pratt	12-Aug-03	266167	2150096	UTM Zone 5 NAD 83	1117	3665
Phormium tenax	PhoTen		Residential	Mauna Loa Estates	6th			Keali'i Bio	Linda Pratt	12-Aug-03	267422	2150179	UTM Zone 5 NAD 83	1063	3488
Phormium tenax	PhoTen		Residential	Mauna Loa Estates	9th			Keali'i Bio	Linda Pratt	05-Aug-03	266599	2149121	UTM Zone 5 NAD 83	1119	3671
Phormium tenax	PhoTen		Residential	Mauna Loa Estates	Ruby			Keali'i Bio	Linda Pratt	05-Aug-03	266531	2150362	UTM Zone 5 NAD 83	1101	3612
Phormium tenax	PhoTen		Residential	Volcano Golf Course	Kanawao			Keali'i Bio	Linda Pratt	12-Aug-03	260338	2151218	UTM Zone 5 NAD 83	1218	3996
Phormium tenax	PhoTen		Residential	Volcano Golf Course	Kaohelo			Keali'i Bio	Linda Pratt	12-Aug-03	260961	2151805	UTM Zone 5 NAD 83	1228	4029
Phormium tenax	PhoTen		Residential	Volcano Golf Course	Painiu			Keali'i Bio	Linda Pratt	12-Aug-03	260928	2151431	UTM Zone 5 NAD 83	1226	4022
Phormium tenax	PhoTen		Residential	Volcano Golf Course	Popohau			Keali'i Bio	Linda Pratt	12-Aug-03	260694	2151250	UTM Zone 5 NAD 83	1223	4012
Phormium tenax	PhoTen		Residential	Volcano Golf Course	Pukiawe Circle E			Keali'i Bio	Linda Pratt	12-Aug-03	260894	2151948	UTM Zone 5 NAD 83	1228	4029
Phormium tenax	PhoTen		Residential	Volcano Golf Course	Pukiawe Circle W			Keali'i Bio	Linda Pratt	12-Aug-03	260317	2151596	UTM Zone 5 NAD 83	1223	4012
Phormium tenax	PhoTen		Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264300	2151658	UTM Zone 5 NAD 83	1172	3845
Phormium tenax	PhoTen		Residential	Volcano Village	I'wi Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264670	2149864	UTM Zone 5 NAD 83	1161	3809
Phormium tenax	PhoTen		Residential	Volcano Village	Kalani Honua			Keali'i Bio	Linda Pratt	05-Aug-03	264556	2150447	UTM Zone 5 NAD 83	1165	3822
Phormium tenax	PhoTen		Residential	Volcano Village	Keonelehua			Keali'i Bio	Linda Pratt	05-Aug-03	265525	2150832	UTM Zone 5 NAD 83	1138	3734
Phormium tenax	PhoTen		Residential	Volcano Village	Kilauea			Keali'i Bio	Linda Pratt	05-Aug-03	264649	2149873	UTM Zone 5 NAD 83	1162	3812

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Phormium tenax	PhoTen		Residential	Volcano Village	Laukapu			Keali'i Bio	Linda Pratt	05-Aug-03	265110	2151069	UTM Zone 5 NAD 83	1145	3757
Phormium tenax	PhoTen		Residential	Volcano Village	Old Volcano Hwy			Keali'i Bio	Linda Pratt	05-Aug-03	265876	2150043	UTM Zone 5 NAD 83	1127	3698
Phormium tenax	PhoTen		Residential	Volcano Village	Road C			Keali'i Bio	Linda Pratt	05-Aug-03	265199	2151994	UTM Zone 5 NAD 83	1137	3730
Photinia davidiana	PhoDav		Residential	Volcano Village	Elepaio			Keali'i Bio	Linda Pratt	05-Aug-03	264484	2151364	UTM Zone 5 NAD 83	1170	3839
Phyllostachys nigra	PhyNig		East of HAVO	Highway 130	Highway 130	12	right	Keali'i Bio		19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Phyllostachys nigra	PhyNig		East of HAVO	Highway 130	Highway 130	17	right	Keali'i Bio		19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Phyllostachys nigra	PhyNig		East of HAVO	Highway 130	Highway 130	18	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Phyllostachys nigra	PhyNig		East of HAVO	Highway 130	Highway 130	19	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Pinus patula	PinPat		HAVO	Highway 11	Highway 11	68	right	Keali'i Bio		03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Pinus radiata	PinRad		HAVO	Highway 11	Highway 11	78	left	Laura Nelson		02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Pinus radiata	PinRad		Residential	Volcano Golf Course	Piimauna			Keali'i Bio	Linda Pratt	12-Aug-03	260714	2151220	UTM Zone 5 NAD 83	1223	4012
Pinus sp.	PinSp		HAVO	Wright Rd	Wright Rd	1	left	Linda Pratt		06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Pinus sp.	PinSp		HAVO	Wright Rd	Wright Rd	3	left	Linda Pratt		06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Pinus sp.	PinSp		HAVO	Wright Rd	Wright Rd	4	left	Linda Pratt		06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Pityrogramma calomelanos	PitAus/Cal		East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Pityrogramma calomelanos	PitAus/Cal		East of HAVO	Highway 130	Highway 130	12	right	Keali'i Bio		19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Pityrogramma calomelanos	PitAus/Cal		East of HAVO	Highway 130	Highway 130	13	left	Linda Pratt		19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Pityrogramma calomelanos	PitAus/Cal		East of HAVO	Highway 130	Highway 130	17	right	Keali'i Bio		19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Pityrogramma calomelanos	PitAus/Cal		East of HAVO	Stainback Highway	Stainback Highway	10	left	Linda Pratt		24-Jan-05	271239	2166177	UTM Zone 5 NAD 83	793	2602
Pityrogramma calomelanos	PitAus/Cal		HAVO	Chain of Craters Rd	Chain of Craters Rd	0	both	Keali'i Bio	Linda Pratt	31-May-01	263393	2147218	UTM Zone 5 NAD 83	1135	3724
Pityrogramma calomelanos	PitAus/Cal		HAVO	Chain of Craters Rd	Chain of Craters Rd	2	left (even mile)	Linda Pratt	Robert Yamanoha	31-May-01	264754	2144382	UTM Zone 5 NAD 83	1045	3428
Pityrogramma calomelanos	PitAus/Cal		HAVO	Chain of Craters Rd	Chain of Craters Rd	3	both	Keali'i Bio	Linda Pratt	31-May-01	265912	2143452	UTM Zone 5 NAD 83	1002	3287
Pityrogramma calomelanos	PitAus/Cal		HAVO	Chain of Craters Rd	Chain of Craters Rd	4	both	Keali'i Bio	Linda Pratt	31-May-01	266449	2142261	UTM Zone 5 NAD 83	975	3199
Pityrogramma calomelanos	PitAus/Cal		HAVO	Chain of Craters Rd	Chain of Craters Rd	5	both	Keali'i Bio	Linda Pratt	31-May-01	266926	2140904	UTM Zone 5 NAD 83	908	2979
Pityrogramma calomelanos	PitAus/Cal		HAVO	Chain of Craters Rd	Chain of Craters Rd	6	both	Keali'i Bio	Linda Pratt	31-May-01	268022	2139839	UTM Zone 5 NAD 83	843	2766
Pityrogramma calomelanos	PitAus/Cal		HAVO	Chain of Craters Rd	Chain of Craters Rd	7	both	Keali'i Bio	Linda Pratt	31-May-01	269208	2138981	UTM Zone 5 NAD 83	770	2526
Pityrogramma calomelanos	PitAus/Cal		HAVO	Chain of Craters Rd	Chain of Craters Rd	8	both	Keali'i Bio	Linda Pratt	31-May-01	270524	2138448	UTM Zone 5 NAD 83	730	2395
Pityrogramma calomelanos	PitAus/Cal		HAVO	Chain of Craters Rd	Chain of Craters Rd	9	both	Keali'i Bio	Linda Pratt	31-May-01	271712	2137525	UTM Zone 5 NAD 83	641	2103
Pityrogramma calomelanos	PitAus/Cal		HAVO	Chain of Craters Rd	Chain of Craters Rd	10	left (even)	Linda Pratt		06-Jun-01	273179	2137236	UTM Zone 5 NAD 83	586	1923
Pityrogramma calomelanos	PitAus/Cal		HAVO	Crater Rim Rd	Crater Rim Rd	1	left	Linda Pratt		23-Jul-01	261717	2150216	UTM Zone 5 NAD 83	1210	3970
Pityrogramma calomelanos	PitAus/Cal		HAVO	Crater Rim Rd	Crater Rim Rd	3	both	Linda Pratt	Keali'i Bio	23-Jul-01	259205	2148667	UTM Zone 5 NAD 83	1214	3983
Pityrogramma calomelanos	PitAus/Cal		HAVO	Crater Rim Rd	Crater Rim Rd	5	both	Linda Pratt	Keali'i Bio	23-Jul-01	259825	2146599	UTM Zone 5 NAD 83	1119	3671
Pityrogramma calomelanos	PitAus/Cal		HAVO	Crater Rim Rd	Crater Rim Rd	6	both	Linda Pratt	Keali'i Bio	23-Jul-01	261322	2146491	UTM Zone 5 NAD 83	1109	3638
Pityrogramma calomelanos	PitAus/Cal		HAVO	Crater Rim Rd	Crater Rim Rd	7	both	Linda Pratt	Keali'i Bio	23-Jul-01	262735	2147218	UTM Zone 5 NAD 83	1146	3760
Pityrogramma calomelanos	PitAus/Cal		HAVO	Highway 11	Highway 11	26	both	Keali'i Bio	Linda Pratt	17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Pityrogramma calomelanos	PitAus/Cal		HAVO	Highway 11	Highway 11	27	both	Keali'i Bio	Linda Pratt	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Pityrogramma calomelanos	PitAus/Cal		HAVO	Highway 11	Highway 11	30	makai	Linda Pratt	Steve Dougill	18-May-01	261165	2150609	UTM Zone 5 NAD 83	1226	4022
Pityrogramma calomelanos	PitAus/Cal		HAVO	Highway 11	Highway 11	31	both	Keali'i Bio	Linda Pratt	18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009
Pityrogramma calomelanos	PitAus/Cal		HAVO	Highway 11	Highway 11	33	both	Keali'i Bio	Linda Pratt	18-May-01	256886	2148424	UTM Zone 5 NAD 83	1127	3698
Pityrogramma calomelanos	PitAus/Cal		HAVO	Highway 11	Highway 11	34	both	Keali'i Bio	Linda Pratt	18-May-01	255546	2147576	UTM Zone 5 NAD 83	1087	3566
Pityrogramma calomelanos	PitAus/Cal		HAVO	Highway 11	Highway 11	35	mauka	Keali'i Bio		18-May-01	254327	2146502	UTM Zone 5 NAD 83	1046	3432
Pityrogramma calomelanos	PitAus/Cal		HAVO	Highway 11	Highway 11	36	both	Keali'i Bio	Linda Pratt	18-May-01	253248	2145389	UTM Zone 5 NAD 83	1010	3314
Pityrogramma calomelanos	PitAus/Cal		HAVO	Highway 11	Highway 11	37	makai	Steve Dougill	Robert Yamanoha	21-May-01	252204	2144180	UTM Zone 5 NAD 83	960	3150
Pityrogramma calomelanos	PitAus/Cal		HAVO	Highway 11	Highway 11	38	makai	Steve Dougill	Robert Yamanoha	21-May-01	251039	2143084	UTM Zone 5 NAD 83	919	3015
Pityrogramma calomelanos	PitAus/Cal		HAVO	Highway 11	Highway 11	39	mauka	Keali'i Bio		21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
Pityrogramma calomelanos	PitAus/Cal		HAVO	Highway 11	Highway 11	40	mauka	Keali'i Bio		21-May-01	248932	2140652	UTM Zone 5 NAD 83	847	2779
Pityrogramma calomelanos	PitAus/Cal		HAVO	Highway 11	Highway 11	43	makai	Robert Yamanoha		30-May-01	246380	2136565	UTM Zone 5 NAD 83	726	2382
Pityrogramma calomelanos	PitAus/Cal		HAVO	Highway 11	Highway 11	71	both	Keali'i Bio	Laura Nelson	03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047
Pityrogramma calomelanos	PitAus/Cal		HAVO	Highway 11	Highway 11	72	left	Laura Nelson		03-Apr-02	215850	2109628	UTM Zone 5 NAD 83	602	1975
Pityrogramma calomelanos	PitAus/Cal		HAVO	Highway 11	Highway 11	75	right	Keali'i Bio		02-Apr-02	211522	2111153	UTM Zone 5 NAD 83	596	1955
Pityrogramma calomelanos	PitAus/Cal		HAVO	Hilina Pali Rd	Hilina Pali Rd	1	both	Keali'i Bio	Linda Pratt	08-Aug-01	263904	2142819	UTM Zone 5 NAD 83	1013	3323

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Pityrogramma calomelanos	PitAus/Cal			HAVO	Hilina Pali Rd	Hilina Pali Rd	3	left	Linda Pratt		08-Aug-01	261892	2140618	UTM Zone 5 NAD 83	981	3219
Pityrogramma calomelanos	PitAus/Cal			HAVO	Hilina Pali Rd	Hilina Pali Rd	5	both	Keali'i Bio	Linda Pratt	08-Aug-01	260579	2138426	UTM Zone 5 NAD 83	888	2913
Pityrogramma calomelanos	PitAus/Cal			HAVO	Hilina Pali Rd	Hilina Pali Rd	6	left	Linda Pratt		08-Aug-01	259221	2137810	UTM Zone 5 NAD 83	859	2818
Pityrogramma calomelanos	PitAus/Cal			HAVO	Hilina Pali Rd	Hilina Pali Rd	7	left	Linda Pratt		08-Aug-01	258530	2136558	UTM Zone 5 NAD 83	799	2621
Pityrogramma calomelanos	PitAus/Cal			HAVO	Hilina Pali Rd	Hilina Pali Rd	8	left	Linda Pratt		08-Aug-01	257632	2135674	UTM Zone 5 NAD 83	733	2405
Pityrogramma calomelanos	PitAus/Cal			HAVO	Mauna Loa Rd	Mauna Loa Rd	7	both	Linda Pratt		20-Jun-01	253220	2154160	UTM Zone 5 NAD 83	1580	5184
Pluchea carolinensis	PluCar			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Pluchea carolinensis	PluCar			East of HAVO	Highway 130	Highway 130	13	right	Keali'i Bio		19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Pluchea carolinensis	PluCar			East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Pluchea carolinensis	PluCar			East of HAVO	Highway 130	Highway 130	15	both	Keali'i Bio	Linda Pratt	19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Pluchea carolinensis	PluCar			East of HAVO	Highway 130	Highway 130	16	both	Keali'i Bio	Linda Pratt	19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Pluchea carolinensis	PluCar			East of HAVO	Highway 130	Highway 130	17	both	Keali'i Bio	Linda Pratt	19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Pluchea carolinensis	PluCar			East of HAVO	Highway 130	Highway 130	18	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Pluchea carolinensis	PluCar			East of HAVO	Highway 130	Highway 130	19	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Pluchea carolinensis	PluCar			East of HAVO	Highway 130	Highway 130	20	both	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Pluchea carolinensis	PluCar			East of HAVO	Stainback Highway	Stainback Highway	9	both	Keali'i Bio	Linda Pratt	24-Jan-05	272678	2166769	UTM Zone 5 NAD 83	694	2277
Pluchea carolinensis	PluCar			East of HAVO	Stainback Highway	Stainback Highway	10	both	Keali'i Bio	Linda Pratt	24-Jan-05	271239	2166177	UTM Zone 5 NAD 83	793	2602
Pluchea carolinensis	PluCar			East of HAVO	Stainback Highway	Stainback Highway	11	both	Keali'i Bio	Linda Pratt	24-Jan-05	269708	2165751	UTM Zone 5 NAD 83	882	2894
Pluchea carolinensis	PluCar			East of HAVO	Stainback Highway	Stainback Highway	13	both	Keali'i Bio	Linda Pratt	24-Jan-05	266627	2165328	UTM Zone 5 NAD 83	1032	3386
Pluchea carolinensis	PluCar			East of HAVO	Stainback Highway	Stainback Highway	14	right	Keali'i Bio		24-Jan-05	265311	2164578	UTM Zone 5 NAD 83	1130	3707
Pluchea carolinensis	PluCar			East of HAVO	Stainback Highway	Stainback Highway	15	right	Keali'i Bio		24-Jan-05	263807	2164694	UTM Zone 5 NAD 83	1213	3980
Pluchea carolinensis	PluCar			East of HAVO	Stainback Highway	Stainback Highway	16	right	Keali'i Bio		24-Jan-05	262244	2164420	UTM Zone 5 NAD 83	1328	4357
Pluchea carolinensis	PluCar			HAVO	Chain of Craters Rd	Chain of Craters Rd	0	both	Keali'i Bio	Linda Pratt	31-May-01	263393	2147218	UTM Zone 5 NAD 83	1135	3724
Pluchea carolinensis	PluCar			HAVO	Chain of Craters Rd	Chain of Craters Rd	1	both	Keali'i Bio	Linda Pratt	31-May-01	263783	2145709	UTM Zone 5 NAD 83	1107	3632
Pluchea carolinensis	PluCar			HAVO	Chain of Craters Rd	Chain of Craters Rd	2	both	Keali'i Bio	Linda Pratt	31-May-01	264754	2144382	UTM Zone 5 NAD 83	1045	3428
Pluchea carolinensis	PluCar			HAVO	Chain of Craters Rd	Chain of Craters Rd	3	both	Keali'i Bio	Linda Pratt	31-May-01	265912	2143452	UTM Zone 5 NAD 83	1002	3287
Pluchea carolinensis	PluCar			HAVO	Chain of Craters Rd	Chain of Craters Rd	4	both	Keali'i Bio	Linda Pratt	31-May-01	266449	2142261	UTM Zone 5 NAD 83	975	3199
Pluchea carolinensis	PluCar			HAVO	Chain of Craters Rd	Chain of Craters Rd	5	both	Keali'i Bio	Linda Pratt	31-May-01	266926	2140904	UTM Zone 5 NAD 83	908	2979
Pluchea carolinensis	PluCar			HAVO	Chain of Craters Rd	Chain of Craters Rd	6	both	Keali'i Bio	Linda Pratt	31-May-01	268022	2139839	UTM Zone 5 NAD 83	843	2766
Pluchea carolinensis	PluCar			HAVO	Chain of Craters Rd	Chain of Craters Rd	7	both	Keali'i Bio	Linda Pratt	31-May-01	269208	2138981	UTM Zone 5 NAD 83	770	2526
Pluchea carolinensis	PluCar			HAVO	Chain of Craters Rd	Chain of Craters Rd	8	both	Keali'i Bio	Linda Pratt	31-May-01	270524	2138448	UTM Zone 5 NAD 83	730	2395
Pluchea carolinensis	PluCar			HAVO	Chain of Craters Rd	Chain of Craters Rd	9	both	Keali'i Bio	Linda Pratt	31-May-01	271712	2137525	UTM Zone 5 NAD 83	641	2103
Pluchea carolinensis	PluCar			HAVO	Chain of Craters Rd	Chain of Craters Rd	10	both	Keali'i Bio	Linda Pratt	06-Jun-01	273179	2137236	UTM Zone 5 NAD 83	586	1923
Pluchea carolinensis	PluCar			HAVO	Chain of Craters Rd	Chain of Craters Rd	12	both	Keali'i Bio	Linda Pratt	06-Jun-01	276347	2137027	UTM Zone 5 NAD 83	389	1276
Pluchea carolinensis	PluCar			HAVO	Chain of Craters Rd	Chain of Craters Rd	13	both	Keali'i Bio	Linda Pratt	06-Jun-01	275080	2136341	UTM Zone 5 NAD 83	281	922
Pluchea carolinensis	PluCar			HAVO	Chain of Craters Rd	Chain of Craters Rd	14	both	Keali'i Bio	Linda Pratt	06-Jun-01	273674	2135766	UTM Zone 5 NAD 83	195	640
Pluchea carolinensis	PluCar			HAVO	Chain of Craters Rd	Chain of Craters Rd	15	both	Keali'i Bio	Linda Pratt	06-Jun-01	274404	2134602	UTM Zone 5 NAD 83	109	358
Pluchea carolinensis	PluCar			HAVO	Chain of Craters Rd	Chain of Craters Rd	16	both	Keali'i Bio	Linda Pratt	06-Jun-01	275968	2134281	UTM Zone 5 NAD 83	46	151
Pluchea carolinensis	PluCar			HAVO	Chain of Craters Rd	Chain of Craters Rd	17	both	Keali'i Bio	Linda Pratt	06-Jun-01	277363	2133480	UTM Zone 5 NAD 83	18	59
Pluchea carolinensis	PluCar			HAVO	Chain of Craters Rd	Chain of Craters Rd	18	both	Keali'i Bio	Linda Pratt	06-Jun-01	278716	2134304	UTM Zone 5 NAD 83	13	43
Pluchea carolinensis	PluCar			HAVO	Chain of Craters Rd	Chain of Craters Rd	19	both	Keali'i Bio	Linda Pratt	06-Jun-01	280123	2135093	UTM Zone 5 NAD 83	14	46
Pluchea carolinensis	PluCar			HAVO	Crater Rim Rd	Crater Rim Rd	0	right	Keali'i Bio		23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Pluchea carolinensis	PluCar			HAVO	Crater Rim Rd	Crater Rim Rd	1	left	Linda Pratt		23-Jul-01	261717	2150216	UTM Zone 5 NAD 83	1210	3970
Pluchea carolinensis	PluCar			HAVO	Crater Rim Rd	Crater Rim Rd	4	right	Keali'i Bio		23-Jul-01	258880	2147374	UTM Zone 5 NAD 83	1148	3766
Pluchea carolinensis	PluCar			HAVO	Crater Rim Rd	Crater Rim Rd	6	right	Keali'i Bio		23-Jul-01	261322	2146491	UTM Zone 5 NAD 83	1109	3638
Pluchea carolinensis	PluCar			HAVO	Highway 11	Highway 11	23	both	Keali'i Bio	Linda Pratt	17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Pluchea carolinensis	PluCar			HAVO	Highway 11	Highway 11	24	both	Keali'i Bio	Linda Pratt	17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Pluchea carolinensis	PluCar			HAVO	Highway 11	Highway 11	25	both	Keali'i Bio	Linda Pratt	17-May-01	267829	2151333	UTM Zone 5 NAD 83	1029	3376
Pluchea carolinensis	PluCar			HAVO	Highway 11	Highway 11	26	both	Keali'i Bio	Linda Pratt	17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Pluchea carolinensis	PluCar			HAVO	Highway 11	Highway 11	27	both	Keali'i Bio	Linda Pratt	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Pluchea carolinensis	PluCar			HAVO	Highway 11	Highway 11	28	mauka	Keali'i Bio		21-May-01	263792	2149317	UTM Zone 5 NAD 83	1182	3878

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Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	30	both	Keali'i Bio	Linda Pratt	18-May-01	261165	2150609	UTM Zone 5 NAD 83	1226	4022
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	31	both	Keali'i Bio	Linda Pratt	18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	32	both	Keali'i Bio	Linda Pratt	18-May-01	258337	2149127	UTM Zone 5 NAD 83	1185	3888
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	33	both	Keali'i Bio	Linda Pratt	18-May-01	256886	2148424	UTM Zone 5 NAD 83	1127	3698
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	34	both	Keali'i Bio	Linda Pratt	18-May-01	255546	2147576	UTM Zone 5 NAD 83	1087	3566
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	35	both	Keali'i Bio	Linda Pratt	18-May-01	254327	2146502	UTM Zone 5 NAD 83	1046	3432
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	36	both	Keali'i Bio	Linda Pratt	18-May-01	253248	2145389	UTM Zone 5 NAD 83	1010	3314
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	37	makai	Steve Dougill	Robert Yamanoha	21-May-01	252204	2144180	UTM Zone 5 NAD 83	960	3150
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	39	makai	Steve Dougill	Robert Yamanoha	21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	40	both	Keali'i Bio	Robert Yamanoha	21-May-01	248932	2140652	UTM Zone 5 NAD 83	847	2779
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	41	both	Keali'i Bio	Robert Yamanoha	21-May-01	248047	2139309	UTM Zone 5 NAD 83	803	2635
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	42	both	Keali'i Bio	Robert Yamanoha	30-May-01	247211	2137934	UTM Zone 5 NAD 83	754	2474
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	43	mauka	Keali'i Bio		30-May-01	246380	2136565	UTM Zone 5 NAD 83	726	2382
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	44	both	Keali'i Bio	Robert Yamanoha	30-May-01	245606	2135157	UTM Zone 5 NAD 83	682	2238
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	45	both	Keali'i Bio	Robert Yamanoha	30-May-01	244911	2133713	UTM Zone 5 NAD 83	628	2060
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	46	mauka	Keali'i Bio		30-May-01	244057	2132365	UTM Zone 5 NAD 83	586	1923
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	47	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	49	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	65	makai	Keali'i Bio		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	66	both	Keali'i Bio	Laura Nelson	16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	67	both	Keali'i Bio	Laura Nelson	16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	68	both	Keali'i Bio	Laura Nelson	03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	69	both	Keali'i Bio	Laura Nelson	03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	70	both	Keali'i Bio	Laura Nelson	03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	71	both	Keali'i Bio	Laura Nelson	03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	72	left	Laura Nelson		03-Apr-02	215850	2109628	UTM Zone 5 NAD 83	602	1975
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	73	both	Keali'i Bio	Laura Nelson	02-Apr-02	214329	2110073	UTM Zone 5 NAD 83	597	1959
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	74	both	Keali'i Bio	Laura Nelson	02-Apr-02	213016	2110579	UTM Zone 5 NAD 83	596	1955
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	75	both	Keali'i Bio	Laura Nelson	02-Apr-02	211522	2111153	UTM Zone 5 NAD 83	596	1955
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	76	both	Keali'i Bio	Laura Nelson	02-Apr-02	210081	2111710	UTM Zone 5 NAD 83	594	1949
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	77	both	Keali'i Bio	Laura Nelson	02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	78	both	Keali'i Bio	Laura Nelson	02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	79	both	Keali'i Bio	Laura Nelson	20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	80	both	Keali'i Bio	Laura Nelson	20-Mar-02	204197	2114294	UTM Zone 5 NAD 83	583	1913
Plucheae carolinensis	PluCar			HAVO	Highway 11	Highway 11	81	both	Keali'i Bio	Laura Nelson	20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Plucheae carolinensis	PluCar			HAVO	Hilina Pali Rd	Hilina Pali Rd	1	left	Linda Pratt		08-Aug-01	263904	2142819	UTM Zone 5 NAD 83	1013	3323
Plucheae carolinensis	PluCar			HAVO	Hilina Pali Rd	Hilina Pali Rd	4	left	Linda Pratt		08-Aug-01	261042	2139784	UTM Zone 5 NAD 83	958	3143
Plucheae carolinensis	PluCar			HAVO	Hilina Pali Rd	Hilina Pali Rd	5	right	Keali'i Bio		08-Aug-01	260579	2138426	UTM Zone 5 NAD 83	888	2913
Plucheae carolinensis	PluCar			HAVO	Hilina Pali Rd	Hilina Pali Rd	6	both	Keali'i Bio	Linda Pratt	08-Aug-01	259221	2137810	UTM Zone 5 NAD 83	859	2818
Plucheae carolinensis	PluCar			HAVO	Hilina Pali Rd	Hilina Pali Rd	7	both	Keali'i Bio	Linda Pratt	08-Aug-01	258530	2136558	UTM Zone 5 NAD 83	799	2621
Plucheae carolinensis	PluCar			HAVO	Hilina Pali Rd	Hilina Pali Rd	8	both	Keali'i Bio	Linda Pratt	08-Aug-01	257632	2135674	UTM Zone 5 NAD 83	733	2405
Plucheae carolinensis	PluCar			HAVO	Wright Rd	Wright Rd	0	right	Keali'i Bio		06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Plucheae carolinensis	PluCar			HAVO	Wright Rd	Wright Rd	1	right	Keali'i Bio		06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Plucheae carolinensis	PluCar			HAVO	Wright Rd	Wright Rd	3	left	Linda Pratt		06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Plucheae carolinensis	PluCar			HAVO	Wright Rd	Wright Rd	4	left	Linda Pratt		06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Psidium cattleianum	PsiCat			East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Psidium cattleianum	PsiCat			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Psidium cattleianum	PsiCat			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Psidium cattleianum	PsiCat			East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Psidium cattleianum	PsiCat			East of HAVO	Highway 130	Highway 130	15	both	Keali'i Bio	Linda Pratt	19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Psidium cattleianum	PsiCat			East of HAVO	Highway 130	Highway 130	16	both	Keali'i Bio	Linda Pratt	19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879

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Psidium cattleianum	PsiCat			East of HAVO	Highway 130	Highway 130	17	both	Keali'i Bio	Linda Pratt	19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Psidium cattleianum	PsiCat			East of HAVO	Highway 130	Highway 130	18	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Psidium cattleianum	PsiCat			East of HAVO	Highway 130	Highway 130	19	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Psidium cattleianum	PsiCat			East of HAVO	Highway 130	Highway 130	20	both	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Psidium cattleianum	PsiCat			East of HAVO	Stainback Highway	Stainback Highway	9	both	Keali'i Bio	Linda Pratt	24-Jan-05	272678	2166769	UTM Zone 5 NAD 83	694	2277
Psidium cattleianum	PsiCat			East of HAVO	Stainback Highway	Stainback Highway	10	both	Keali'i Bio	Linda Pratt	24-Jan-05	271239	2166177	UTM Zone 5 NAD 83	793	2602
Psidium cattleianum	PsiCat			East of HAVO	Stainback Highway	Stainback Highway	11	both	Keali'i Bio	Linda Pratt	24-Jan-05	269708	2165751	UTM Zone 5 NAD 83	882	2894
Psidium cattleianum	PsiCat			East of HAVO	Stainback Highway	Stainback Highway	12	both	Keali'i Bio	Linda Pratt	24-Jan-05	268168	2165427	UTM Zone 5 NAD 83	954	3130
Psidium cattleianum	PsiCat			East of HAVO	Stainback Highway	Stainback Highway	13	both	Keali'i Bio	Linda Pratt	24-Jan-05	266627	2165328	UTM Zone 5 NAD 83	1032	3386
Psidium cattleianum	PsiCat			East of HAVO	Stainback Highway	Stainback Highway	14	both	Keali'i Bio	Linda Pratt	24-Jan-05	265311	2164578	UTM Zone 5 NAD 83	1130	3707
Psidium cattleianum	PsiCat			East of HAVO	Stainback Highway	Stainback Highway	16	left	Linda Pratt		24-Jan-05	262244	2164420	UTM Zone 5 NAD 83	1328	4357
Psidium cattleianum	PsiCat			East of HAVO	Stainback Highway	Stainback Highway	17	both	Keali'i Bio	Linda Pratt	24-Jan-05	260706	2164215	UTM Zone 5 NAD 83	1434	4705
Psidium cattleianum	PsiCat			HAVO	Chain of Craters Rd	Chain of Craters Rd	0	both	Keali'i Bio	Linda Pratt	31-May-01	263393	2147218	UTM Zone 5 NAD 83	1135	3724
Psidium cattleianum	PsiCat			HAVO	Chain of Craters Rd	Chain of Craters Rd	1	both	Keali'i Bio	Linda Pratt	31-May-01	263783	2145709	UTM Zone 5 NAD 83	1107	3632
Psidium cattleianum	PsiCat			HAVO	Chain of Craters Rd	Chain of Craters Rd	11	left (even)	Linda Pratt		06-Jun-01	274716	2136863	UTM Zone 5 NAD 83	487	1598
Psidium cattleianum	PsiCat			HAVO	Crater Rim Rd	Crater Rim Rd	0	both	Linda Pratt	Keali'i Bio	23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Psidium cattleianum	PsiCat			HAVO	Crater Rim Rd	Crater Rim Rd	1	both	Linda Pratt	Keali'i Bio	23-Jul-01	261717	2150216	UTM Zone 5 NAD 83	1210	3970
Psidium cattleianum	PsiCat			HAVO	Crater Rim Rd	Crater Rim Rd	7	both	Linda Pratt	Keali'i Bio	23-Jul-01	262735	2147218	UTM Zone 5 NAD 83	1146	3760
Psidium cattleianum	PsiCat			HAVO	Crater Rim Rd	Crater Rim Rd	8	both	Linda Pratt	Keali'i Bio	23-Jul-01	264190	2147608	UTM Zone 5 NAD 83	1153	3783
Psidium cattleianum	PsiCat			HAVO	Crater Rim Rd	Crater Rim Rd	9	both	Linda Pratt	Keali'i Bio	23-Jul-01	264678	2148282	UTM Zone 5 NAD 83	1194	3917
Psidium cattleianum	PsiCat			HAVO	Crater Rim Rd	Crater Rim Rd	10	both	Linda Pratt	Keali'i Bio	23-Jul-01	263738	2149287	UTM Zone 5 NAD 83	1181	3875
Psidium cattleianum	PsiCat			HAVO	Highway 11	Highway 11	23	both	Keali'i Bio	Linda Pratt	17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Psidium cattleianum	PsiCat			HAVO	Highway 11	Highway 11	24	makai	Keali'i Bio		17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Psidium cattleianum	PsiCat			HAVO	Highway 11	Highway 11	25	both	Keali'i Bio	Linda Pratt	17-May-01	267829	2151333	UTM Zone 5 NAD 83	1029	3376
Psidium cattleianum	PsiCat			HAVO	Highway 11	Highway 11	26	both	Keali'i Bio	Linda Pratt	17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Psidium cattleianum	PsiCat			HAVO	Highway 11	Highway 11	27	both	Keali'i Bio	Linda Pratt	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Psidium cattleianum	PsiCat			HAVO	Highway 11	Highway 11	28	mauka	Keali'i Bio		21-May-01	263792	2149317	UTM Zone 5 NAD 83	1182	3878
Psidium cattleianum	PsiCat			HAVO	Highway 11	Highway 11	29	both	Keali'i Bio	Robert Yamanoha	21-May-01	262687	2150443	UTM Zone 5 NAD 83	1219	3999
Psidium cattleianum	PsiCat			HAVO	Highway 11	Highway 11	49	makai	Robert Yamanoha		04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Psidium cattleianum	PsiCat			HAVO	Highway 11	Highway 11	65	mauka	Laura Nelson		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Psidium cattleianum	PsiCat			HAVO	Highway 11	Highway 11	66	both	Keali'i Bio	Laura Nelson	16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Psidium cattleianum	PsiCat			HAVO	Highway 11	Highway 11	67	both	Keali'i Bio	Laura Nelson	16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Psidium cattleianum	PsiCat			HAVO	Highway 11	Highway 11	68	both	Keali'i Bio	Laura Nelson	03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Psidium cattleianum	PsiCat			HAVO	Highway 11	Highway 11	69	both	Keali'i Bio	Laura Nelson	03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Psidium cattleianum	PsiCat			HAVO	Highway 11	Highway 11	70	both	Keali'i Bio	Laura Nelson	03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Psidium cattleianum	PsiCat			HAVO	Highway 11	Highway 11	79	mauka	Keali'i Bio		20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
Psidium cattleianum	PsiCat			HAVO	Highway 11	Highway 11	80	both	Keali'i Bio	Laura Nelson	20-Mar-02	204197	2114294	UTM Zone 5 NAD 83	583	1913
Psidium cattleianum	PsiCat			HAVO	Highway 11	Highway 11	81	both	Keali'i Bio	Laura Nelson	20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Psidium cattleianum	PsiCat			HAVO	Hilina Pali Rd	Hilina Pali Rd	4	left	Linda Pratt		08-Aug-01	261042	2139784	UTM Zone 5 NAD 83	958	3143
Psidium cattleianum	PsiCat			HAVO	Wright Rd	Wright Rd	0	both	Keali'i Bio	Linda Pratt	06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Psidium cattleianum	PsiCat			HAVO	Wright Rd	Wright Rd	1	both	Keali'i Bio	Linda Pratt	06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Psidium cattleianum	PsiCat			HAVO	Wright Rd	Wright Rd	3	right	Keali'i Bio		06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Psidium cattleianum	PsiCat			HAVO	Wright Rd	Wright Rd	4	both	Keali'i Bio	Linda Pratt	06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Psidium cattleianum	PsiCat			Residential	Mauna Loa Estates	10th			Keali'i Bio	Linda Pratt	05-Aug-03	267706	2149734	UTM Zone 5 NAD 83	1070	3510
Psidium cattleianum	PsiCat			Residential	Mauna Loa Estates	12th			Keali'i Bio	Linda Pratt	05-Aug-03	267613	2149349	UTM Zone 5 NAD 83	1084	3556
Psidium cattleianum	PsiCat			Residential	Mauna Loa Estates	1st			Keali'i Bio	Linda Pratt	12-Aug-03	266167	2150096	UTM Zone 5 NAD 83	1117	3665
Psidium cattleianum	PsiCat			Residential	Mauna Loa Estates	2nd			Keali'i Bio	Linda Pratt	12-Aug-03	267113	2150594	UTM Zone 5 NAD 83	1077	3533
Psidium cattleianum	PsiCat			Residential	Mauna Loa Estates	3rd			Keali'i Bio	Linda Pratt	12-Aug-03	266174	2149775	UTM Zone 5 NAD 83	1122	3681
Psidium cattleianum	PsiCat			Residential	Mauna Loa Estates	4th			Keali'i Bio	Linda Pratt	12-Aug-03	267267	2150381	UTM Zone 5 NAD 83	1074	3524
Psidium cattleianum	PsiCat			Residential	Mauna Loa Estates	5th			Keali'i Bio	Linda Pratt	12-Aug-03	266327	2149568	UTM Zone 5 NAD 83	1120	3675
Psidium cattleianum	PsiCat			Residential	Mauna Loa Estates	6th			Keali'i Bio	Linda Pratt	12-Aug-03	267422	2150179	UTM Zone 5 NAD 83	1063	3488

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Psidium cattleianum	PsiCat			Residential	Mauna Loa Estates	7th			Keali'i Bio	Linda Pratt	12-Aug-03	266470	2149349	UTM Zone 5 NAD 83	1121	3678
Psidium cattleianum	PsiCat			Residential	Mauna Loa Estates	8th			Keali'i Bio	Linda Pratt	12-Aug-03	266498	2149211	UTM Zone 5 NAD 83	1123	3684
Psidium cattleianum	PsiCat			Residential	Mauna Loa Estates	Jade			Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Psidium cattleianum	PsiCat			Residential	Mauna Loa Estates	Pearl			Keali'i Bio	Linda Pratt	05-Aug-03	266271	2150161	UTM Zone 5 NAD 83	1113	3652
Psidium cattleianum	PsiCat			Residential	Mauna Loa Estates	Pearl			Keali'i Bio	Linda Pratt	05-Aug-03	267039	2149092	UTM Zone 5 NAD 83	1108	3635
Psidium cattleianum	PsiCat			Residential	Mauna Loa Estates	Ruby			Keali'i Bio	Linda Pratt	05-Aug-03	266531	2150362	UTM Zone 5 NAD 83	1101	3612
Psidium cattleianum	PsiCat			Residential	Volcano Golf Course	Kanawao			Keali'i Bio	Linda Pratt	12-Aug-03	260269	2151514	UTM Zone 5 NAD 83	1221	4006
Psidium cattleianum	PsiCat			Residential	Volcano Golf Course	Painiu			Keali'i Bio	Linda Pratt	12-Aug-03	261003	2151717	UTM Zone 5 NAD 83	1227	4026
Psidium cattleianum	PsiCat			Residential	Volcano Golf Course	Piimauna			Keali'i Bio	Linda Pratt	12-Aug-03	260714	2151220	UTM Zone 5 NAD 83	1223	4012
Psidium cattleianum	PsiCat			Residential	Volcano Golf Course	Piimauna			Keali'i Bio	Linda Pratt	12-Aug-03	260201	2151733	UTM Zone 5 NAD 83	1224	4016
Psidium cattleianum	PsiCat			Residential	Volcano Golf Course	Pukiawe Circle W			Keali'i Bio	Linda Pratt	12-Aug-03	260317	2151596	UTM Zone 5 NAD 83	1223	4012
Psidium cattleianum	PsiCat			Residential	Volcano Golf Course	Uluhe Pl.			Keali'i Bio	Linda Pratt	12-Aug-03	260922	2151449	UTM Zone 5 NAD 83	1226	4022
Psidium cattleianum	PsiCat			Residential	Volcano Village	Elepaio			Keali'i Bio	Linda Pratt	05-Aug-03	264484	2151364	UTM Zone 5 NAD 83	1170	3839
Psidium cattleianum	PsiCat			Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	265443	2149531	UTM Zone 5 NAD 83	1143	3750
Psidium cattleianum	PsiCat			Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264690	2150983	UTM Zone 5 NAD 83	1158	3799
Psidium cattleianum	PsiCat			Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264300	2151658	UTM Zone 5 NAD 83	1172	3845
Psidium cattleianum	PsiCat			Residential	Volcano Village	I'wi Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264670	2149864	UTM Zone 5 NAD 83	1161	3809
Psidium cattleianum	PsiCat			Residential	Volcano Village	I'wi Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264207	2150551	UTM Zone 5 NAD 83	1180	3871
Psidium cattleianum	PsiCat			Residential	Volcano Village	I'wi Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	263829	2151195	UTM Zone 5 NAD 83	1195	3921
Psidium cattleianum	PsiCat			Residential	Volcano Village	Kalani Honua			Keali'i Bio	Linda Pratt	05-Aug-03	264556	2150447	UTM Zone 5 NAD 83	1165	3822
Psidium cattleianum	PsiCat			Residential	Volcano Village	Kalani Honua			Keali'i Bio	Linda Pratt	05-Aug-03	265018	2150400	UTM Zone 5 NAD 83	1142	3747
Psidium cattleianum	PsiCat			Residential	Volcano Village	Keonelehua			Keali'i Bio	Linda Pratt	05-Aug-03	265525	2150832	UTM Zone 5 NAD 83	1138	3734
Psidium cattleianum	PsiCat			Residential	Volcano Village	Kilauea			Keali'i Bio	Linda Pratt	05-Aug-03	265390	2150283	UTM Zone 5 NAD 83	1134	3720
Psidium cattleianum	PsiCat			Residential	Volcano Village	Kilauea			Keali'i Bio	Linda Pratt	05-Aug-03	264649	2149873	UTM Zone 5 NAD 83	1162	3812
Psidium cattleianum	PsiCat			Residential	Volcano Village	Laukapu			Keali'i Bio	Linda Pratt	05-Aug-03	265865	2151504	UTM Zone 5 NAD 83	1117	3665
Psidium cattleianum	PsiCat			Residential	Volcano Village	Laukapu			Keali'i Bio	Linda Pratt	05-Aug-03	265110	2151069	UTM Zone 5 NAD 83	1145	3757
Psidium cattleianum	PsiCat			Residential	Volcano Village	Old Volcano Hwy			Keali'i Bio	Linda Pratt	05-Aug-03	264660	2149194	UTM Zone 5 NAD 83	1164	3819
Psidium cattleianum	PsiCat			Residential	Volcano Village	Old Volcano Hwy			Keali'i Bio	Linda Pratt	05-Aug-03	265876	2150043	UTM Zone 5 NAD 83	1127	3698
Psidium cattleianum	PsiCat			Residential	Volcano Village	Road B			Keali'i Bio	Linda Pratt	05-Aug-03	265452	2151277	UTM Zone 5 NAD 83	1135	3724
Psidium cattleianum	PsiCat			Residential	Volcano Village	Road C			Keali'i Bio	Linda Pratt	05-Aug-03	265199	2151994	UTM Zone 5 NAD 83	1137	3730
Psidium cattleianum	PsiCat			Residential	Volcano Village	Road D			Keali'i Bio	Linda Pratt	05-Aug-03	265712	2151426	UTM Zone 5 NAD 83	1125	3691
Psidium cattleianum	PsiCat			Residential	Volcano Village	Road E			Keali'i Bio	Linda Pratt	05-Aug-03	265470	2152152	UTM Zone 5 NAD 83	1129	3704
Psidium cattleianum var. lit	PsiCatLit			HAVO	Highway 11	Highway 11	65	makai	Keali'i Bio		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Psidium cattleianum var. lit	PsiCatLit			HAVO	Highway 11	Highway 11	66	makai	Keali'i Bio		16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Psidium cattleianum var. lit	PsiCatLit			HAVO	Highway 11	Highway 11	67	makai	Keali'i Bio		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Psidium guajava	PsiGua			East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Psidium guajava	PsiGua			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Psidium guajava	PsiGua			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Psidium guajava	PsiGua			East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Psidium guajava	PsiGua			East of HAVO	Highway 130	Highway 130	15	both	Keali'i Bio	Linda Pratt	19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Psidium guajava	PsiGua			East of HAVO	Highway 130	Highway 130	16	both	Keali'i Bio	Linda Pratt	19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Psidium guajava	PsiGua			East of HAVO	Highway 130	Highway 130	17	both	Keali'i Bio	Linda Pratt	19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Psidium guajava	PsiGua			East of HAVO	Highway 130	Highway 130	18	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Psidium guajava	PsiGua			East of HAVO	Highway 130	Highway 130	19	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Psidium guajava	PsiGua			East of HAVO	Highway 130	Highway 130	20	both	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Psidium guajava	PsiGua			East of HAVO	Stainback Highway	Stainback Highway	9	left	Linda Pratt		24-Jan-05	272678	2166769	UTM Zone 5 NAD 83	694	2277
Psidium guajava	PsiGua			East of HAVO	Stainback Highway	Stainback Highway	11	right	Keali'i Bio		24-Jan-05	269708	2165751	UTM Zone 5 NAD 83	882	2894
Psidium guajava	PsiGua			East of HAVO	Stainback Highway	Stainback Highway	12	left	Linda Pratt		24-Jan-05	268168	2165427	UTM Zone 5 NAD 83	954	3130
Psidium guajava	PsiGua			East of HAVO	Stainback Highway	Stainback Highway	15	right	Keali'i Bio		24-Jan-05	263807	2164694	UTM Zone 5 NAD 83	1213	3980
Psidium guajava	PsiGua			HAVO	Chain of Craters Rd	Chain of Craters Rd	5	right (odd mile	Keali'i Bio		31-May-01	266926	2140904	UTM Zone 5 NAD 83	908	2979
Psidium guajava	PsiGua			HAVO	Chain of Craters Rd	Chain of Craters Rd	6	both	Keali'i Bio	Linda Pratt	31-May-01	268022	2139839	UTM Zone 5 NAD 83	843	2766

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Psidium guajava	PsiGua			HAVO	Chain of Craters Rd	Chain of Craters Rd	7	both	Keali'i Bio	Linda Pratt	31-May-01	269208	2138981	UTM Zone 5 NAD 83	770	2526
Psidium guajava	PsiGua			HAVO	Chain of Craters Rd	Chain of Craters Rd	10	both	Keali'i Bio	Linda Pratt	06-Jun-01	273179	2137236	UTM Zone 5 NAD 83	586	1923
Psidium guajava	PsiGua			HAVO	Chain of Craters Rd	Chain of Craters Rd	11	both	Keali'i Bio	Linda Pratt	06-Jun-01	274716	2136863	UTM Zone 5 NAD 83	487	1598
Psidium guajava	PsiGua			HAVO	Chain of Craters Rd	Chain of Craters Rd	12	both	Keali'i Bio	Linda Pratt	06-Jun-01	276347	2137027	UTM Zone 5 NAD 83	389	1276
Psidium guajava	PsiGua			HAVO	Chain of Craters Rd	Chain of Craters Rd	13	both	Keali'i Bio	Linda Pratt	06-Jun-01	275080	2136341	UTM Zone 5 NAD 83	281	922
Psidium guajava	PsiGua			HAVO	Chain of Craters Rd	Chain of Craters Rd	15	both	Keali'i Bio	Linda Pratt	06-Jun-01	274404	2134602	UTM Zone 5 NAD 83	109	358
Psidium guajava	PsiGua			HAVO	Chain of Craters Rd	Chain of Craters Rd	16	both	Keali'i Bio	Linda Pratt	06-Jun-01	275968	2134281	UTM Zone 5 NAD 83	46	151
Psidium guajava	PsiGua			HAVO	Chain of Craters Rd	Chain of Craters Rd	17	left (even)	Linda Pratt		06-Jun-01	277363	2133480	UTM Zone 5 NAD 83	18	59
Psidium guajava	PsiGua			HAVO	Chain of Craters Rd	Chain of Craters Rd	18	left (even)	Linda Pratt		06-Jun-01	278716	2134304	UTM Zone 5 NAD 83	13	43
Psidium guajava	PsiGua			HAVO	Chain of Craters Rd	Chain of Craters Rd	19	both	Keali'i Bio	Linda Pratt	06-Jun-01	280123	2135093	UTM Zone 5 NAD 83	14	46
Psidium guajava	PsiGua			HAVO	Crater Rim Rd	Crater Rim Rd	0	both	Linda Pratt	Keali'i Bio	23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Psidium guajava	PsiGua			HAVO	Crater Rim Rd	Crater Rim Rd	1	both	Linda Pratt	Keali'i Bio	23-Jul-01	261717	2150216	UTM Zone 5 NAD 83	1210	3970
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	32	makai	Linda Pratt	Steve Dougill	18-May-01	258337	2149127	UTM Zone 5 NAD 83	1185	3888
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	35	mauka	Keali'i Bio		18-May-01	254327	2146502	UTM Zone 5 NAD 83	1046	3432
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	36	makai	Linda Pratt	Steve Dougill	18-May-01	253248	2145389	UTM Zone 5 NAD 83	1010	3314
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	39	both	Keali'i Bio	Robert Yamanoha	21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	40	both	Keali'i Bio	Robert Yamanoha	21-May-01	248932	2140652	UTM Zone 5 NAD 83	847	2779
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	41	both	Keali'i Bio	Robert Yamanoha	21-May-01	248047	2139309	UTM Zone 5 NAD 83	803	2635
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	42	both	Keali'i Bio	Robert Yamanoha	30-May-01	247211	2137934	UTM Zone 5 NAD 83	754	2474
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	43	both	Keali'i Bio	Robert Yamanoha	30-May-01	246380	2136565	UTM Zone 5 NAD 83	726	2382
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	44	both	Keali'i Bio	Robert Yamanoha	30-May-01	245606	2135157	UTM Zone 5 NAD 83	682	2238
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	45	both	Keali'i Bio	Robert Yamanoha	30-May-01	244911	2133713	UTM Zone 5 NAD 83	628	2060
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	46	both	Keali'i Bio	Robert Yamanoha	30-May-01	244057	2132365	UTM Zone 5 NAD 83	586	1923
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	47	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	48	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	242779	2129420	UTM Zone 5 NAD 83	483	1585
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	49	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	65	both	Keali'i Bio	Laura Nelson	16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	66	both	Keali'i Bio	Laura Nelson	16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	67	both	Keali'i Bio	Laura Nelson	16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	68	both	Keali'i Bio	Laura Nelson	03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	69	both	Keali'i Bio	Laura Nelson	03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	70	both	Keali'i Bio	Laura Nelson	03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	71	both	Keali'i Bio	Laura Nelson	03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	72	both	Keali'i Bio	Laura Nelson	03-Apr-02	215850	2109628	UTM Zone 5 NAD 83	602	1975
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	73	right	Keali'i Bio		02-Apr-02	214329	2110073	UTM Zone 5 NAD 83	597	1959
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	75	right	Keali'i Bio		02-Apr-02	211522	2111153	UTM Zone 5 NAD 83	596	1955
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	76	both	Keali'i Bio	Laura Nelson	02-Apr-02	210081	2111710	UTM Zone 5 NAD 83	594	1949
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	77	both	Keali'i Bio	Laura Nelson	02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	79	both	Keali'i Bio	Laura Nelson	20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	80	mauka	Keali'i Bio		20-Mar-02	204197	2114294	UTM Zone 5 NAD 83	583	1913
Psidium guajava	PsiGua			HAVO	Highway 11	Highway 11	81	mauka	Keali'i Bio		20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Psidium guajava	PsiGua			HAVO	Hilina Pali Rd	Hilina Pali Rd	4	both	Keali'i Bio	Linda Pratt	08-Aug-01	261042	2139784	UTM Zone 5 NAD 83	958	3143
Psidium guajava	PsiGua			HAVO	Hilina Pali Rd	Hilina Pali Rd	5	left	Linda Pratt		08-Aug-01	260579	2138426	UTM Zone 5 NAD 83	888	2913
Psidium guajava	PsiGua			HAVO	Hilina Pali Rd	Hilina Pali Rd	6	both	Keali'i Bio	Linda Pratt	08-Aug-01	259221	2137810	UTM Zone 5 NAD 83	859	2818
Psidium guajava	PsiGua			HAVO	Hilina Pali Rd	Hilina Pali Rd	7	both	Keali'i Bio	Linda Pratt	08-Aug-01	258530	2136558	UTM Zone 5 NAD 83	799	2621
Psidium guajava	PsiGua			HAVO	Hilina Pali Rd	Hilina Pali Rd	8	both	Keali'i Bio	Linda Pratt	08-Aug-01	257632	2135674	UTM Zone 5 NAD 83	733	2405
Psidium guajava	PsiGua			HAVO	Mauna Loa Rd	Mauna Loa Rd	1	both	Linda Pratt		20-Jun-01	258888	2150444	UTM Zone 5 NAD 83	1211	3973
Psidium guajava	PsiGua			Residential	Mauna Loa Estates	4th			Keali'i Bio	Linda Pratt	12-Aug-03	267267	2150381	UTM Zone 5 NAD 83	1074	3524
Pterolepis glomerata	PteGlo			East of HAVO	Highway 130	Highway 130	12	right	Keali'i Bio		19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Pterolepis glomerata	PteGlo			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Pterolepis glomerata	PteGlo			East of HAVO	Stainback Highway	Stainback Highway	9	both	Keali'i Bio	Linda Pratt	24-Jan-05	272678	2166769	UTM Zone 5 NAD 83	694	2277

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Pterolepis glomerata	PteGlo			East of HAVO	Stainback Highway	Stainback Highway	10	both	Keali'i Bio	Linda Pratt	24-Jan-05	271239	2166177	UTM Zone 5 NAD 83	793	2602
Pterolepis glomerata	PteGlo			East of HAVO	Stainback Highway	Stainback Highway	11	both	Keali'i Bio	Linda Pratt	24-Jan-05	269708	2165751	UTM Zone 5 NAD 83	882	2894
Pterolepis glomerata	PteGlo			East of HAVO	Stainback Highway	Stainback Highway	12	left	Linda Pratt		24-Jan-05	268168	2165427	UTM Zone 5 NAD 83	954	3130
Pyracantha spp.	PyrSpp			East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Pyracantha spp.	PyrSpp			HAVO	Crater Rim Rd	Crater Rim Rd	1	left	Linda Pratt		23-Jul-01	261717	2150216	UTM Zone 5 NAD 83	1210	3970
Pyracantha spp.	PyrSpp			HAVO	Highway 11	Highway 11	23	both	Keali'i Bio	Linda Pratt	17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Pyracantha spp.	PyrSpp			HAVO	Highway 11	Highway 11	24	mauka	Linda Pratt		17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Pyracantha spp.	PyrSpp			HAVO	Highway 11	Highway 11	25	both	Keali'i Bio	Linda Pratt	17-May-01	267829	2151333	UTM Zone 5 NAD 83	1029	3376
Pyracantha spp.	PyrSpp			HAVO	Highway 11	Highway 11	26	mauka	Linda Pratt	Robert Yamanoha	17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Pyracantha spp.	PyrSpp			HAVO	Highway 11	Highway 11	27	both	Keali'i Bio	Linda Pratt	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Pyracantha spp.	PyrSpp			HAVO	Highway 11	Highway 11	29	both	Keali'i Bio	Robert Yamanoha	21-May-01	262687	2150443	UTM Zone 5 NAD 83	1219	3999
Pyracantha spp.	PyrSpp			HAVO	Highway 11	Highway 11	35	makai	Linda Pratt	Steve Dougill	18-May-01	254327	2146502	UTM Zone 5 NAD 83	1046	3432
Pyracantha spp.	PyrSpp			HAVO	Wright Rd	Wright Rd	0	both	Keali'i Bio	Linda Pratt	06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Pyracantha spp.	PyrSpp			HAVO	Wright Rd	Wright Rd	1	both	Keali'i Bio	Linda Pratt	06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Pyracantha spp.	PyrSpp			HAVO	Wright Rd	Wright Rd	2	right	Keali'i Bio		06-Oct-03	264381	2152867	UTM Zone 5 NAD 83	1161	3809
Pyracantha spp.	PyrSpp			HAVO	Wright Rd	Wright Rd	3	right	Keali'i Bio		06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Pyracantha spp.	PyrSpp			Residential	Mauna Loa Estates	Jade			Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Pyracantha spp.	PyrSpp			Residential	Volcano Golf Course	Ka'akia			Keali'i Bio	Linda Pratt	12-Aug-03	260531	2151897	UTM Zone 5 NAD 83	1227	4026
Pyracantha spp.	PyrSpp			Residential	Volcano Golf Course	Kaohelo			Keali'i Bio	Linda Pratt	12-Aug-03	260961	2151805	UTM Zone 5 NAD 83	1228	4029
Pyracantha spp.	PyrSpp			Residential	Volcano Golf Course	Kapoha			Keali'i Bio	Linda Pratt	12-Aug-03	260904	2151945	UTM Zone 5 NAD 83	1228	4029
Pyracantha spp.	PyrSpp			Residential	Volcano Golf Course	Kilau			Keali'i Bio	Linda Pratt	12-Aug-03	260465	2151503	UTM Zone 5 NAD 83	1222	4009
Pyracantha spp.	PyrSpp			Residential	Volcano Golf Course	Piimauna			Keali'i Bio	Linda Pratt	12-Aug-03	260201	2151733	UTM Zone 5 NAD 83	1224	4016
Pyracantha spp.	PyrSpp			Residential	Volcano Golf Course	Piimauna			Keali'i Bio	Linda Pratt	12-Aug-03	260714	2151220	UTM Zone 5 NAD 83	1223	4012
Pyracantha spp.	PyrSpp			Residential	Volcano Golf Course	Popohau			Keali'i Bio	Linda Pratt	12-Aug-03	260694	2151250	UTM Zone 5 NAD 83	1223	4012
Pyracantha spp.	PyrSpp			Residential	Volcano Golf Course	Pukiawe Circle E			Keali'i Bio	Linda Pratt	12-Aug-03	260735	2151256	UTM Zone 5 NAD 83	1223	4012
Pyracantha spp.	PyrSpp			Residential	Volcano Golf Course	Pukiawe Circle W			Keali'i Bio	Linda Pratt	12-Aug-03	260317	2151596	UTM Zone 5 NAD 83	1223	4012
Pyracantha spp.	PyrSpp			Residential	Volcano Golf Course	Pukiawe Circle W			Keali'i Bio	Linda Pratt	12-Aug-03	260379	2151269	UTM Zone 5 NAD 83	1219	3999
Pyracantha spp.	PyrSpp			Residential	Volcano Golf Course	Pukiawe Pl.			Keali'i Bio	Linda Pratt	12-Aug-03	260609	2151405	UTM Zone 5 NAD 83	1223	4012
Pyracantha spp.	PyrSpp			Residential	Volcano Village	Elepaio			Keali'i Bio	Linda Pratt	05-Aug-03	264484	2151364	UTM Zone 5 NAD 83	1170	3839
Pyracantha spp.	PyrSpp			Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	265443	2149531	UTM Zone 5 NAD 83	1143	3750
Pyracantha spp.	PyrSpp			Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264300	2151658	UTM Zone 5 NAD 83	1172	3845
Pyracantha spp.	PyrSpp			Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264690	2150983	UTM Zone 5 NAD 83	1158	3799
Pyracantha spp.	PyrSpp			Residential	Volcano Village	I'wi Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264670	2149864	UTM Zone 5 NAD 83	1161	3809
Pyracantha spp.	PyrSpp			Residential	Volcano Village	I'wi Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	263829	2151195	UTM Zone 5 NAD 83	1195	3921
Pyracantha spp.	PyrSpp			Residential	Volcano Village	Kalani Honua			Keali'i Bio	Linda Pratt	05-Aug-03	264556	2150447	UTM Zone 5 NAD 83	1165	3822
Pyracantha spp.	PyrSpp			Residential	Volcano Village	Kalanikoa			Keali'i Bio	Linda Pratt	05-Aug-03	264726	2149897	UTM Zone 5 NAD 83	1160	3806
Pyracantha spp.	PyrSpp			Residential	Volcano Village	Laukapu			Keali'i Bio	Linda Pratt	05-Aug-03	265110	2151069	UTM Zone 5 NAD 83	1145	3757
Pyracantha spp.	PyrSpp			Residential	Volcano Village	Road B			Keali'i Bio	Linda Pratt	05-Aug-03	265452	2151277	UTM Zone 5 NAD 83	1135	3724
Rhodomyrtus tomentosa**	RhoTom			Residential	Volcano Village	Road B			Keali'i Bio	Linda Pratt	05-Aug-03	265452	2151277	UTM Zone 5 NAD 83	1135	3724
Rhynchospora caduca	RhyCad			East of HAVO	Highway 130	Highway 130	14	left	Linda Pratt		19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Rhynchospora caduca	RhyCad			East of HAVO	Highway 130	Highway 130	16	right	Keali'i Bio		19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Rhynchospora caduca	RhyCad			East of HAVO	Stainback Highway	Stainback Highway	9	right	Keali'i Bio		24-Jan-05	272678	2166769	UTM Zone 5 NAD 83	694	2277
Rhynchospora caduca	RhyCad			East of HAVO	Stainback Highway	Stainback Highway	10	both	Keali'i Bio	Linda Pratt	24-Jan-05	271239	2166177	UTM Zone 5 NAD 83	793	2602
Rhynchospora caduca	RhyCad			East of HAVO	Stainback Highway	Stainback Highway	11	both	Keali'i Bio	Linda Pratt	24-Jan-05	269708	2165751	UTM Zone 5 NAD 83	882	2894
Rhynchospora caduca	RhyCad			East of HAVO	Stainback Highway	Stainback Highway	12	right	Keali'i Bio		24-Jan-05	268168	2165427	UTM Zone 5 NAD 83	954	3130
Rhynchospora caduca	RhyCad			East of HAVO	Stainback Highway	Stainback Highway	13	left	Linda Pratt		24-Jan-05	266627	2165328	UTM Zone 5 NAD 83	1032	3386
Rhynchospora caduca	RhyCad			East of HAVO	Stainback Highway	Stainback Highway	14	right	Keali'i Bio		24-Jan-05	265311	2164578	UTM Zone 5 NAD 83	1130	3707
Rhynchospora caduca	RhyCad			East of HAVO	Stainback Highway	Stainback Highway	15	both	Keali'i Bio	Linda Pratt	24-Jan-05	263807	2164694	UTM Zone 5 NAD 83	1213	3980
Rhynchospora caduca	RhyCad			East of HAVO	Stainback Highway	Stainback Highway	16	both	Keali'i Bio	Linda Pratt	24-Jan-05	262244	2164420	UTM Zone 5 NAD 83	1328	4357
Rhynchospora caduca	RhyCad			East of HAVO	Stainback Highway	Stainback Highway	17	both	Keali'i Bio	Linda Pratt	24-Jan-05	260706	2164215	UTM Zone 5 NAD 83	1434	4705
Rhynchospora caduca	RhyCad			HAVO	Highway 11	Highway 11	23	makai	Keali'i Bio		17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858

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Rhynchospora caduca	RhyCad			HAVO	Highway 11	Highway 11	24	both	Keali'i Bio	Linda Pratt	17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Rhynchospora caduca	RhyCad			HAVO	Highway 11	Highway 11	25	both	Keali'i Bio	Linda Pratt	17-May-01	267829	2151333	UTM Zone 5 NAD 83	1029	3376
Rhynchospora caduca	RhyCad			HAVO	Highway 11	Highway 11	26	both	Keali'i Bio	Linda Pratt	17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Rhynchospora caduca	RhyCad			HAVO	Highway 11	Highway 11	27	both	Keali'i Bio	Linda Pratt	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Rhynchospora caduca	RhyCad			HAVO	Highway 11	Highway 11	30	mauka	Keali'i Bio		21-May-01	261165	2150609	UTM Zone 5 NAD 83	1226	4022
Rhynchospora caduca	RhyCad			HAVO	Wright Rd	Wright Rd	1	right	Keali'i Bio		06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Rhynchospora caduca	RhyCad			HAVO	Wright Rd	Wright Rd	2	right	Keali'i Bio		06-Oct-03	264381	2152867	UTM Zone 5 NAD 83	1161	3809
Ricinus communis	RicCom			East of HAVO	Highway 130	Highway 130	12	right	Keali'i Bio		19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Ricinus communis	RicCom			East of HAVO	Highway 130	Highway 130	19	left	Chelsie Javar	Keali'i Bio	20-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Ricinus communis	RicCom			East of HAVO	Highway 130	Highway 130	20	right	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Ricinus communis	RicCom			HAVO	Highway 11	Highway 11	39	mauka	Keali'i Bio		21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
Ricinus communis	RicCom			HAVO	Highway 11	Highway 11	45	mauka	Keali'i Bio		30-May-01	244911	2133713	UTM Zone 5 NAD 83	628	2060
Ricinus communis	RicCom			HAVO	Highway 11	Highway 11	47	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699
Ricinus communis	RicCom			HAVO	Highway 11	Highway 11	49	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Ricinus communis	RicCom			HAVO	Highway 11	Highway 11	65	both	Keali'i Bio	Laura Nelson	16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Ricinus communis	RicCom			HAVO	Highway 11	Highway 11	66	both	Keali'i Bio	Laura Nelson	16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Ricinus communis	RicCom			HAVO	Highway 11	Highway 11	67	both	Keali'i Bio	Laura Nelson	16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Ricinus communis	RicCom			HAVO	Highway 11	Highway 11	68	right	Keali'i Bio		03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Ricinus communis	RicCom			HAVO	Highway 11	Highway 11	69	right	Keali'i Bio		03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Ricinus communis	RicCom			HAVO	Highway 11	Highway 11	71	right	Keali'i Bio		03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047
Ricinus communis	RicCom			HAVO	Highway 11	Highway 11	76	left	Laura Nelson		02-Apr-02	210081	2111710	UTM Zone 5 NAD 83	594	1949
Ricinus communis	RicCom			HAVO	Highway 11	Highway 11	77	left	Laura Nelson		02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Rubus argutus**	RubArg			HAVO	Chain of Craters Rd	Chain of Craters Rd	0	both	Keali'i Bio	Linda Pratt	31-May-01	263393	2147218	UTM Zone 5 NAD 83	1135	3724
Rubus argutus**	RubArg			HAVO	Chain of Craters Rd	Chain of Craters Rd	1	both	Keali'i Bio	Linda Pratt	31-May-01	263783	2145709	UTM Zone 5 NAD 83	1107	3632
Rubus argutus**	RubArg			HAVO	Chain of Craters Rd	Chain of Craters Rd	2	right (odd mile	Keali'i Bio		31-May-01	264754	2144382	UTM Zone 5 NAD 83	1045	3428
Rubus argutus**	RubArg			HAVO	Chain of Craters Rd	Chain of Craters Rd	3	both	Keali'i Bio	Linda Pratt	31-May-01	265912	2143452	UTM Zone 5 NAD 83	1002	3287
Rubus argutus**	RubArg			HAVO	Crater Rim Rd	Crater Rim Rd	0	both	Linda Pratt	Keali'i Bio	23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Rubus argutus**	RubArg			HAVO	Crater Rim Rd	Crater Rim Rd	1	right	Keali'i Bio		23-Jul-01	261717	2150216	UTM Zone 5 NAD 83	1210	3970
Rubus argutus**	RubArg			HAVO	Crater Rim Rd	Crater Rim Rd	7	both	Linda Pratt	Keali'i Bio	23-Jul-01	262735	2147218	UTM Zone 5 NAD 83	1146	3760
Rubus argutus**	RubArg			HAVO	Crater Rim Rd	Crater Rim Rd	8	both	Linda Pratt	Keali'i Bio	23-Jul-01	264190	2147608	UTM Zone 5 NAD 83	1153	3783
Rubus argutus**	RubArg			HAVO	Crater Rim Rd	Crater Rim Rd	9	both	Linda Pratt	Keali'i Bio	23-Jul-01	264678	2148282	UTM Zone 5 NAD 83	1194	3917
Rubus argutus**	RubArg			HAVO	Crater Rim Rd	Crater Rim Rd	10	right	Linda Pratt		23-Jul-01	263738	2149287	UTM Zone 5 NAD 83	1181	3875
Rubus argutus**	RubArg			HAVO	Highway 11	Highway 11	23	both	Keali'i Bio	Linda Pratt	17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Rubus argutus**	RubArg			HAVO	Highway 11	Highway 11	24	both	Keali'i Bio	Linda Pratt	17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Rubus argutus**	RubArg			HAVO	Highway 11	Highway 11	25	both	Keali'i Bio	Linda Pratt	17-May-01	267829	2151333	UTM Zone 5 NAD 83	1029	3376
Rubus argutus**	RubArg			HAVO	Highway 11	Highway 11	26	both	Keali'i Bio	Linda Pratt	17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Rubus argutus**	RubArg			HAVO	Highway 11	Highway 11	27	both	Keali'i Bio	Linda Pratt	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Rubus argutus**	RubArg			HAVO	Highway 11	Highway 11	28	both	Keali'i Bio	Robert Yamanoha	21-May-01	263792	2149317	UTM Zone 5 NAD 83	1182	3878
Rubus argutus**	RubArg			HAVO	Highway 11	Highway 11	29	both	Keali'i Bio	Robert Yamanoha	21-May-01	262687	2150443	UTM Zone 5 NAD 83	1219	3999
Rubus argutus**	RubArg			HAVO	Highway 11	Highway 11	30	mauka	Keali'i Bio		18-May-01	261165	2150609	UTM Zone 5 NAD 83	1226	4022
Rubus argutus**	RubArg			HAVO	Highway 11	Highway 11	31	mauka	Keali'i Bio		18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009
Rubus argutus**	RubArg			HAVO	Mauna Loa Rd	Mauna Loa Rd	0	both	Linda Pratt		20-Jun-01	260232	2150037	UTM Zone 5 NAD 83	1228	4029
Rubus argutus**	RubArg			HAVO	Mauna Loa Rd	Mauna Loa Rd	1	both	Linda Pratt		20-Jun-01	258888	2150444	UTM Zone 5 NAD 83	1221	3973
Rubus argutus**	RubArg			HAVO	Mauna Loa Rd	Mauna Loa Rd	2	both	Linda Pratt		20-Jun-01	257651	2151066	UTM Zone 5 NAD 83	1223	4012
Rubus argutus**	RubArg			HAVO	Mauna Loa Rd	Mauna Loa Rd	3	both	Linda Pratt		20-Jun-01	256794	2151494	UTM Zone 5 NAD 83	1285	4216
Rubus argutus**	RubArg			HAVO	Mauna Loa Rd	Mauna Loa Rd	4	both	Linda Pratt		20-Jun-01	255333	2151589	UTM Zone 5 NAD 83	1356	4449
Rubus argutus**	RubArg			HAVO	Mauna Loa Rd	Mauna Loa Rd	5	both	Linda Pratt		20-Jun-01	254743	2152431	UTM Zone 5 NAD 83	1429	4688
Rubus argutus**	RubArg			HAVO	Mauna Loa Rd	Mauna Loa Rd	6	both	Linda Pratt		20-Jun-01	253984	2153448	UTM Zone 5 NAD 83	1500	4921
Rubus argutus**	RubArg			HAVO	Wright Rd	Wright Rd	0	both	Keali'i Bio	Linda Pratt	06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Rubus argutus**	RubArg			HAVO	Wright Rd	Wright Rd	1	both	Keali'i Bio	Linda Pratt	06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Rubus argutus**	RubArg			HAVO	Wright Rd	Wright Rd	2	both	Keali'i Bio	Linda Pratt	06-Oct-03	264381	2152867	UTM Zone 5 NAD 83	1161	3809

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Rubus argutus**	RubArg			HAVO	Wright Rd	Wright Rd	3	both	Keali'i Bio	Linda Pratt	06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Rubus argutus**	RubArg			HAVO	Wright Rd	Wright Rd	4	both	Keali'i Bio	Linda Pratt	06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Rubus argutus**	RubArg			Residential	Mauna Loa Estates	10th			Keali'i Bio	Linda Pratt	05-Aug-03	267706	2149734	UTM Zone 5 NAD 83	1070	3510
Rubus argutus**	RubArg			Residential	Mauna Loa Estates	12th			Keali'i Bio	Linda Pratt	05-Aug-03	267613	2149349	UTM Zone 5 NAD 83	1084	3556
Rubus argutus**	RubArg			Residential	Mauna Loa Estates	1st			Keali'i Bio	Linda Pratt	12-Aug-03	266167	2150096	UTM Zone 5 NAD 83	1117	3665
Rubus argutus**	RubArg			Residential	Mauna Loa Estates	2nd			Keali'i Bio	Linda Pratt	12-Aug-03	267113	2150594	UTM Zone 5 NAD 83	1077	3533
Rubus argutus**	RubArg			Residential	Mauna Loa Estates	3rd			Keali'i Bio	Linda Pratt	12-Aug-03	266174	2149775	UTM Zone 5 NAD 83	1122	3681
Rubus argutus**	RubArg			Residential	Mauna Loa Estates	4th			Keali'i Bio	Linda Pratt	12-Aug-03	267267	2150381	UTM Zone 5 NAD 83	1074	3524
Rubus argutus**	RubArg			Residential	Mauna Loa Estates	5th			Keali'i Bio	Linda Pratt	12-Aug-03	266327	2149568	UTM Zone 5 NAD 83	1120	3675
Rubus argutus**	RubArg			Residential	Mauna Loa Estates	6th			Keali'i Bio	Linda Pratt	12-Aug-03	267422	2150179	UTM Zone 5 NAD 83	1063	3488
Rubus argutus**	RubArg			Residential	Mauna Loa Estates	7th			Keali'i Bio	Linda Pratt	12-Aug-03	266470	2149349	UTM Zone 5 NAD 83	1121	3678
Rubus argutus**	RubArg			Residential	Mauna Loa Estates	8th			Keali'i Bio	Linda Pratt	12-Aug-03	266498	2149211	UTM Zone 5 NAD 83	1123	3684
Rubus argutus**	RubArg			Residential	Mauna Loa Estates	9th			Keali'i Bio	Linda Pratt	05-Aug-03	266599	2149121	UTM Zone 5 NAD 83	1119	3671
Rubus argutus**	RubArg			Residential	Mauna Loa Estates	Jade			Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Rubus argutus**	RubArg			Residential	Mauna Loa Estates	Jade			Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Rubus argutus**	RubArg			Residential	Mauna Loa Estates	Pearl			Keali'i Bio	Linda Pratt	05-Aug-03	266271	2150161	UTM Zone 5 NAD 83	1113	3652
Rubus argutus**	RubArg			Residential	Mauna Loa Estates	Pearl			Keali'i Bio	Linda Pratt	05-Aug-03	267039	2149092	UTM Zone 5 NAD 83	1108	3635
Rubus argutus**	RubArg			Residential	Mauna Loa Estates	Ruby			Keali'i Bio	Linda Pratt	05-Aug-03	266531	2150362	UTM Zone 5 NAD 83	1101	3612
Rubus argutus**	RubArg			Residential	Volcano Golf Course	Ka'akia			Keali'i Bio	Linda Pratt	12-Aug-03	260531	2151897	UTM Zone 5 NAD 83	1227	4026
Rubus argutus**	RubArg			Residential	Volcano Golf Course	Kaekaha			Keali'i Bio	Linda Pratt	12-Aug-03	260497	2151315	UTM Zone 5 NAD 83	1219	3999
Rubus argutus**	RubArg			Residential	Volcano Golf Course	Kanaio			Keali'i Bio	Linda Pratt	12-Aug-03	260089	2151454	UTM Zone 5 NAD 83	1220	4003
Rubus argutus**	RubArg			Residential	Volcano Golf Course	Kanawao			Keali'i Bio	Linda Pratt	12-Aug-03	260338	2151218	UTM Zone 5 NAD 83	1218	3996
Rubus argutus**	RubArg			Residential	Volcano Golf Course	Kanawao			Keali'i Bio	Linda Pratt	12-Aug-03	260269	2151514	UTM Zone 5 NAD 83	1221	4006
Rubus argutus**	RubArg			Residential	Volcano Golf Course	Kanoni			Keali'i Bio	Linda Pratt	12-Aug-03	260302	2151756	UTM Zone 5 NAD 83	1225	4019
Rubus argutus**	RubArg			Residential	Volcano Golf Course	Kaohelo			Keali'i Bio	Linda Pratt	12-Aug-03	260961	2151805	UTM Zone 5 NAD 83	1228	4029
Rubus argutus**	RubArg			Residential	Volcano Golf Course	Kapoha			Keali'i Bio	Linda Pratt	12-Aug-03	260904	2151945	UTM Zone 5 NAD 83	1228	4029
Rubus argutus**	RubArg			Residential	Volcano Golf Course	Kilau			Keali'i Bio	Linda Pratt	12-Aug-03	260465	2151503	UTM Zone 5 NAD 83	1222	4009
Rubus argutus**	RubArg			Residential	Volcano Golf Course	Kolokea			Keali'i Bio	Linda Pratt	12-Aug-03	260806	2152014	UTM Zone 5 NAD 83	1227	4026
Rubus argutus**	RubArg			Residential	Volcano Golf Course	Painiu			Keali'i Bio	Linda Pratt	12-Aug-03	260928	2151431	UTM Zone 5 NAD 83	1226	4022
Rubus argutus**	RubArg			Residential	Volcano Golf Course	Palaa			Keali'i Bio	Linda Pratt	12-Aug-03	260126	2151287	UTM Zone 5 NAD 83	1219	3999
Rubus argutus**	RubArg			Residential	Volcano Golf Course	Piimauna			Keali'i Bio	Linda Pratt	12-Aug-03	260714	2151220	UTM Zone 5 NAD 83	1223	4012
Rubus argutus**	RubArg			Residential	Volcano Golf Course	Piimauna			Keali'i Bio	Linda Pratt	12-Aug-03	260201	2151733	UTM Zone 5 NAD 83	1224	4016
Rubus argutus**	RubArg			Residential	Volcano Golf Course	Popohau			Keali'i Bio	Linda Pratt	12-Aug-03	260694	2151250	UTM Zone 5 NAD 83	1223	4012
Rubus argutus**	RubArg			Residential	Volcano Golf Course	Pukiawe Circle E			Keali'i Bio	Linda Pratt	12-Aug-03	260735	2151256	UTM Zone 5 NAD 83	1223	4012
Rubus argutus**	RubArg			Residential	Volcano Golf Course	Pukiawe Circle E			Keali'i Bio	Linda Pratt	12-Aug-03	260894	2151948	UTM Zone 5 NAD 83	1228	4029
Rubus argutus**	RubArg			Residential	Volcano Golf Course	Pukiawe Circle W			Keali'i Bio	Linda Pratt	12-Aug-03	260317	2151596	UTM Zone 5 NAD 83	1223	4012
Rubus argutus**	RubArg			Residential	Volcano Golf Course	Pukiawe Circle W			Keali'i Bio	Linda Pratt	12-Aug-03	260379	2151269	UTM Zone 5 NAD 83	1219	3999
Rubus argutus**	RubArg			Residential	Volcano Golf Course	Pukiawe Pl.			Keali'i Bio	Linda Pratt	12-Aug-03	260609	2151405	UTM Zone 5 NAD 83	1223	4012
Rubus argutus**	RubArg			Residential	Volcano Golf Course	Uluhe Pl.			Keali'i Bio	Linda Pratt	12-Aug-03	260922	2151449	UTM Zone 5 NAD 83	1226	4022
Rubus argutus**	RubArg			Residential	Volcano Village	Elepaio			Keali'i Bio	Linda Pratt	05-Aug-03	264484	2151364	UTM Zone 5 NAD 83	1170	3839
Rubus argutus**	RubArg			Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264300	2151658	UTM Zone 5 NAD 83	1172	3845
Rubus argutus**	RubArg			Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264690	2150983	UTM Zone 5 NAD 83	1158	3799
Rubus argutus**	RubArg			Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	265062	2150323	UTM Zone 5 NAD 83	1141	3743
Rubus argutus**	RubArg			Residential	Volcano Village	I'wi Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	263829	2151195	UTM Zone 5 NAD 83	1195	3921
Rubus argutus**	RubArg			Residential	Volcano Village	Laukapu			Keali'i Bio	Linda Pratt	05-Aug-03	265110	2151069	UTM Zone 5 NAD 83	1145	3757
Rubus argutus**	RubArg			Residential	Volcano Village	Old Volcano Hwy			Keali'i Bio	Linda Pratt	05-Aug-03	265876	2150043	UTM Zone 5 NAD 83	1127	3698
Rubus argutus**	RubArg			Residential	Volcano Village	Road B			Keali'i Bio	Linda Pratt	05-Aug-03	265452	2151277	UTM Zone 5 NAD 83	1135	3724
Rubus argutus**	RubArg			Residential	Volcano Village	Road C			Keali'i Bio	Linda Pratt	05-Aug-03	265199	2151994	UTM Zone 5 NAD 83	1137	3730
Rubus ellipticus var. obcord	RubEllObc			East of HAVO	Highway 130	Highway 130	14	left	Linda Pratt		19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Rubus ellipticus var. obcord	RubEllObc			East of HAVO	Stainback Highway	Stainback Highway	13	both	Keali'i Bio	Linda Pratt	24-Jan-05	266627	2165328	UTM Zone 5 NAD 83	1032	3386
Rubus ellipticus var. obcord	RubEllObc			East of HAVO	Stainback Highway	Stainback Highway	14	right	Keali'i Bio		24-Jan-05	265311	2164578	UTM Zone 5 NAD 83	1130	3707

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Rubus ellipticus var. obcord	RubElIObc			East of HAVO	Stainback Highway	Stainback Highway	17	right	Keali'i Bio		24-Jan-05	260706	2164215	UTM Zone 5 NAD 83	1434	4705
Rubus ellipticus var. obcord	RubElIObc			HAVO	Crater Rim Rd	Crater Rim Rd	0	left	Linda Pratt		23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Rubus ellipticus var. obcord	RubElIObc			HAVO	Crater Rim Rd	Crater Rim Rd	8	both	Linda Pratt	Keali'i Bio	23-Jul-01	264190	2147608	UTM Zone 5 NAD 83	1153	3783
Rubus ellipticus var. obcord	RubElIObc			HAVO	Highway 11	Highway 11	23	both	Keali'i Bio	Linda Pratt	17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Rubus ellipticus var. obcord	RubElIObc			HAVO	Highway 11	Highway 11	24	both	Keali'i Bio	Linda Pratt	17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Rubus ellipticus var. obcord	RubElIObc			HAVO	Highway 11	Highway 11	25	both	Keali'i Bio	Linda Pratt	17-May-01	267829	2151333	UTM Zone 5 NAD 83	1029	3376
Rubus ellipticus var. obcord	RubElIObc			HAVO	Highway 11	Highway 11	26	both	Keali'i Bio	Linda Pratt	17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Rubus ellipticus var. obcord	RubElIObc			HAVO	Highway 11	Highway 11	27	both	Keali'i Bio	Linda Pratt	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Rubus ellipticus var. obcord	RubElIObc			HAVO	Highway 11	Highway 11	28	mauka	Keali'i Bio		21-May-01	263792	2149317	UTM Zone 5 NAD 83	1182	3878
Rubus ellipticus var. obcord	RubElIObc			HAVO	Highway 11	Highway 11	29	mauka	Keali'i Bio		21-May-01	262687	2150443	UTM Zone 5 NAD 83	1219	3999
Rubus ellipticus var. obcord	RubElIObc			HAVO	Wright Rd	Wright Rd	0	both	Keali'i Bio	Linda Pratt	06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Rubus ellipticus var. obcord	RubElIObc			HAVO	Wright Rd	Wright Rd	1	both	Keali'i Bio	Linda Pratt	06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Rubus ellipticus var. obcord	RubElIObc			HAVO	Wright Rd	Wright Rd	2	both	Keali'i Bio	Linda Pratt	06-Oct-03	264381	2152867	UTM Zone 5 NAD 83	1161	3809
Rubus ellipticus var. obcord	RubElIObc			HAVO	Wright Rd	Wright Rd	3	both	Keali'i Bio	Linda Pratt	06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Rubus ellipticus var. obcord	RubElIObc			HAVO	Wright Rd	Wright Rd	4	both	Keali'i Bio	Linda Pratt	06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Rubus ellipticus var. obcord	RubElIObc			Residential	Mauna Loa Estates	10th			Keali'i Bio	Linda Pratt	05-Aug-03	267706	2149734	UTM Zone 5 NAD 83	1070	3510
Rubus ellipticus var. obcord	RubElIObc			Residential	Mauna Loa Estates	12th			Keali'i Bio	Linda Pratt	05-Aug-03	267613	2149349	UTM Zone 5 NAD 83	1084	3556
Rubus ellipticus var. obcord	RubElIObc			Residential	Mauna Loa Estates	13th			Keali'i Bio	Linda Pratt	05-Aug-03	267308	2148966	UTM Zone 5 NAD 83	1095	3593
Rubus ellipticus var. obcord	RubElIObc			Residential	Mauna Loa Estates	1st			Keali'i Bio	Linda Pratt	12-Aug-03	267037	2150700	UTM Zone 5 NAD 83	1077	3533
Rubus ellipticus var. obcord	RubElIObc			Residential	Mauna Loa Estates	2nd			Keali'i Bio	Linda Pratt	12-Aug-03	267113	2150594	UTM Zone 5 NAD 83	1077	3533
Rubus ellipticus var. obcord	RubElIObc			Residential	Mauna Loa Estates	3rd			Keali'i Bio	Linda Pratt	12-Aug-03	266174	2149775	UTM Zone 5 NAD 83	1122	3681
Rubus ellipticus var. obcord	RubElIObc			Residential	Mauna Loa Estates	4th			Keali'i Bio	Linda Pratt	12-Aug-03	267267	2150381	UTM Zone 5 NAD 83	1074	3524
Rubus ellipticus var. obcord	RubElIObc			Residential	Mauna Loa Estates	5th			Keali'i Bio	Linda Pratt	12-Aug-03	266327	2149568	UTM Zone 5 NAD 83	1120	3675
Rubus ellipticus var. obcord	RubElIObc			Residential	Mauna Loa Estates	6th			Keali'i Bio	Linda Pratt	12-Aug-03	267422	2150179	UTM Zone 5 NAD 83	1063	3488
Rubus ellipticus var. obcord	RubElIObc			Residential	Mauna Loa Estates	7th			Keali'i Bio	Linda Pratt	12-Aug-03	266470	2149349	UTM Zone 5 NAD 83	1121	3678
Rubus ellipticus var. obcord	RubElIObc			Residential	Mauna Loa Estates	8th			Keali'i Bio	Linda Pratt	12-Aug-03	266498	2149211	UTM Zone 5 NAD 83	1123	3684
Rubus ellipticus var. obcord	RubElIObc			Residential	Mauna Loa Estates	9th			Keali'i Bio	Linda Pratt	05-Aug-03	266599	2149121	UTM Zone 5 NAD 83	1119	3671
Rubus ellipticus var. obcord	RubElIObc			Residential	Mauna Loa Estates	Jade			Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Rubus ellipticus var. obcord	RubElIObc			Residential	Mauna Loa Estates	Jade			Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Rubus ellipticus var. obcord	RubElIObc			Residential	Mauna Loa Estates	Jade			Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Rubus ellipticus var. obcord	RubElIObc			Residential	Mauna Loa Estates	Pearl			Keali'i Bio	Linda Pratt	05-Aug-03	266271	2150161	UTM Zone 5 NAD 83	1113	3652
Rubus ellipticus var. obcord	RubElIObc			Residential	Mauna Loa Estates	Pearl			Keali'i Bio	Linda Pratt	05-Aug-03	267039	2149092	UTM Zone 5 NAD 83	1108	3635
Rubus ellipticus var. obcord	RubElIObc			Residential	Mauna Loa Estates	Ruby			Keali'i Bio	Linda Pratt	05-Aug-03	266531	2150362	UTM Zone 5 NAD 83	1101	3612
Rubus ellipticus var. obcord	RubElIObc			Residential	Volcano Golf Course	Ka'akia			Keali'i Bio	Linda Pratt	12-Aug-03	260531	2151897	UTM Zone 5 NAD 83	1227	4026
Rubus ellipticus var. obcord	RubElIObc			Residential	Volcano Golf Course	Kanawao			Keali'i Bio	Linda Pratt	12-Aug-03	260269	2151514	UTM Zone 5 NAD 83	1221	4006
Rubus ellipticus var. obcord	RubElIObc			Residential	Volcano Golf Course	Kanoni			Keali'i Bio	Linda Pratt	12-Aug-03	260302	2151756	UTM Zone 5 NAD 83	1225	4019
Rubus ellipticus var. obcord	RubElIObc			Residential	Volcano Golf Course	Kaohelo			Keali'i Bio	Linda Pratt	12-Aug-03	260961	2151805	UTM Zone 5 NAD 83	1228	4029
Rubus ellipticus var. obcord	RubElIObc			Residential	Volcano Golf Course	Kilau			Keali'i Bio	Linda Pratt	12-Aug-03	260465	2151503	UTM Zone 5 NAD 83	1222	4009
Rubus ellipticus var. obcord	RubElIObc			Residential	Volcano Golf Course	Painiu			Keali'i Bio	Linda Pratt	12-Aug-03	260928	2151431	UTM Zone 5 NAD 83	1226	4022
Rubus ellipticus var. obcord	RubElIObc			Residential	Volcano Golf Course	Piimauna			Keali'i Bio	Linda Pratt	12-Aug-03	260714	2151220	UTM Zone 5 NAD 83	1223	4012
Rubus ellipticus var. obcord	RubElIObc			Residential	Volcano Golf Course	Piimauna			Keali'i Bio	Linda Pratt	12-Aug-03	260201	2151733	UTM Zone 5 NAD 83	1224	4016
Rubus ellipticus var. obcord	RubElIObc			Residential	Volcano Golf Course	Popohau			Keali'i Bio	Linda Pratt	12-Aug-03	260694	2151250	UTM Zone 5 NAD 83	1223	4012
Rubus ellipticus var. obcord	RubElIObc			Residential	Volcano Golf Course	Pukiawe Circle E			Keali'i Bio	Linda Pratt	12-Aug-03	260894	2151948	UTM Zone 5 NAD 83	1228	4029
Rubus ellipticus var. obcord	RubElIObc			Residential	Volcano Golf Course	Pukiawe Circle E			Keali'i Bio	Linda Pratt	12-Aug-03	260735	2151256	UTM Zone 5 NAD 83	1223	4012
Rubus ellipticus var. obcord	RubElIObc			Residential	Volcano Golf Course	Pukiawe Circle W			Keali'i Bio	Linda Pratt	12-Aug-03	260379	2151269	UTM Zone 5 NAD 83	1219	3999
Rubus ellipticus var. obcord	RubElIObc			Residential	Volcano Golf Course	Pukiawe Pl.			Keali'i Bio	Linda Pratt	12-Aug-03	260609	2151405	UTM Zone 5 NAD 83	1223	4012
Rubus ellipticus var. obcord	RubElIObc			Residential	Volcano Golf Course	Uluhe Pl.			Keali'i Bio	Linda Pratt	12-Aug-03	260922	2151449	UTM Zone 5 NAD 83	1226	4022
Rubus ellipticus var. obcord	RubElIObc			Residential	Volcano Village	Elepaio			Keali'i Bio	Linda Pratt	05-Aug-03	264484	2151364	UTM Zone 5 NAD 83	1170	3839
Rubus ellipticus var. obcord	RubElIObc			Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264300	2151658	UTM Zone 5 NAD 83	1172	3845
Rubus ellipticus var. obcord	RubElIObc			Residential	Volcano Village	I'wi Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	263829	2151195	UTM Zone 5 NAD 83	1195	3921
Rubus ellipticus var. obcord	RubElIObc			Residential	Volcano Village	Kalanikoa			Keali'i Bio	Linda Pratt	05-Aug-03	264726	2149897	UTM Zone 5 NAD 83	1160	3806

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Rubus ellipticus var. obcord	RubEllObc			Residential	Volcano Village	Kilauea			Keali'i Bio	Linda Pratt	05-Aug-03	265390	2150283	UTM Zone 5 NAD 83	1134	3720
Rubus ellipticus var. obcord	RubEllObc			Residential	Volcano Village	Laukapu			Keali'i Bio	Linda Pratt	05-Aug-03	265865	2151504	UTM Zone 5 NAD 83	1117	3665
Rubus ellipticus var. obcord	RubEllObc			Residential	Volcano Village	Laukapu			Keali'i Bio	Linda Pratt	05-Aug-03	265110	2151069	UTM Zone 5 NAD 83	1145	3757
Rubus ellipticus var. obcord	RubEllObc			Residential	Volcano Village	Old Volcano Hwy			Keali'i Bio	Linda Pratt	05-Aug-03	265216	2149679	UTM Zone 5 NAD 83	1143	3750
Rubus ellipticus var. obcord	RubEllObc			Residential	Volcano Village	Old Volcano Hwy			Keali'i Bio	Linda Pratt	05-Aug-03	265876	2150043	UTM Zone 5 NAD 83	1127	3698
Rubus ellipticus var. obcord	RubEllObc			Residential	Volcano Village	Old Volcano Hwy			Keali'i Bio	Linda Pratt	05-Aug-03	264660	2149194	UTM Zone 5 NAD 83	1164	3819
Rubus ellipticus var. obcord	RubEllObc			Residential	Volcano Village	Road B			Keali'i Bio	Linda Pratt	05-Aug-03	265452	2151277	UTM Zone 5 NAD 83	1135	3724
Rubus ellipticus var. obcord	RubEllObc			Residential	Volcano Village	Road C			Keali'i Bio	Linda Pratt	05-Aug-03	265199	2151994	UTM Zone 5 NAD 83	1137	3730
Rubus ellipticus var. obcord	RubEllObc			Residential	Volcano Village	Road D			Keali'i Bio	Linda Pratt	05-Aug-03	265712	2151426	UTM Zone 5 NAD 83	1125	3691
Rubus ellipticus var. obcord	RubEllObc			Residential	Volcano Village	Road E			Keali'i Bio	Linda Pratt	05-Aug-03	265470	2152152	UTM Zone 5 NAD 83	1129	3704
Rubus glaucus	RubGla			HAVO	Wright Rd	Wright Rd	4	both	Keali'i Bio	Linda Pratt	06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Rubus niveus**	RubNiv		Y	HAVO	Highway 11	Highway 11	81	makai	Laura Nelson		20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Rubus rosifolius	RubRos			East of HAVO	Highway 130	Highway 130	11	left	Linda Pratt		19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Rubus rosifolius	RubRos			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Rubus rosifolius	RubRos			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Rubus rosifolius	RubRos			East of HAVO	Highway 130	Highway 130	14	right	Keali'i Bio		19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Rubus rosifolius	RubRos			East of HAVO	Highway 130	Highway 130	15	both	Keali'i Bio	Linda Pratt	19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Rubus rosifolius	RubRos			East of HAVO	Highway 130	Highway 130	16	right	Keali'i Bio		19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Rubus rosifolius	RubRos			East of HAVO	Highway 130	Highway 130	17	left	Linda Pratt		19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Rubus rosifolius	RubRos			East of HAVO	Highway 130	Highway 130	18	right	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Rubus rosifolius	RubRos			East of HAVO	Highway 130	Highway 130	19	left	Chelsie Javar	Keali'i Bio	20-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Rubus rosifolius	RubRos			East of HAVO	Stainback Highway	Stainback Highway	10	right	Keali'i Bio		24-Jan-05	271239	2166177	UTM Zone 5 NAD 83	793	2602
Rubus rosifolius	RubRos			East of HAVO	Stainback Highway	Stainback Highway	11	both	Keali'i Bio	Linda Pratt	24-Jan-05	269708	2165751	UTM Zone 5 NAD 83	882	2894
Rubus rosifolius	RubRos			East of HAVO	Stainback Highway	Stainback Highway	12	left	Linda Pratt		24-Jan-05	268168	2165427	UTM Zone 5 NAD 83	954	3130
Rubus rosifolius	RubRos			East of HAVO	Stainback Highway	Stainback Highway	13	left	Linda Pratt		24-Jan-05	266627	2165328	UTM Zone 5 NAD 83	1032	3386
Rubus rosifolius	RubRos			East of HAVO	Stainback Highway	Stainback Highway	14	both	Keali'i Bio	Linda Pratt	24-Jan-05	265311	2164578	UTM Zone 5 NAD 83	1130	3707
Rubus rosifolius	RubRos			HAVO	Chain of Craters Rd	Chain of Craters Rd	0	both	Keali'i Bio	Linda Pratt	31-May-01	263393	2147218	UTM Zone 5 NAD 83	1135	3724
Rubus rosifolius	RubRos			HAVO	Chain of Craters Rd	Chain of Craters Rd	3	both	Keali'i Bio	Linda Pratt	31-May-01	265912	2143452	UTM Zone 5 NAD 83	1002	3287
Rubus rosifolius	RubRos			HAVO	Highway 11	Highway 11	23	mauka	Linda Pratt		17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Rubus rosifolius	RubRos			HAVO	Highway 11	Highway 11	30	mauka	Keali'i Bio		18-May-01	261165	2150609	UTM Zone 5 NAD 83	1226	4022
Rubus rosifolius	RubRos			HAVO	Highway 11	Highway 11	68	left	Laura Nelson		03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Rubus rosifolius	RubRos			HAVO	Highway 11	Highway 11	69	left	Laura Nelson		03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Rubus rosifolius	RubRos			HAVO	Highway 11	Highway 11	81	mauka	Keali'i Bio		20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Rubus rosifolius	RubRos			HAVO	Mauna Loa Rd	Mauna Loa Rd	5	both	Linda Pratt		20-Jun-01	254743	2152431	UTM Zone 5 NAD 83	1429	4688
Rubus sp.	RubSp1			HAVO	Highway 11	Highway 11	27	makai	Keali'i Bio		17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Samanea saman	SamSam			HAVO	Highway 11	Highway 11	49	mauka	Keali'i Bio		04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Sambucus mexicana	SamMex			HAVO	Wright Rd	Wright Rd	0	both	Keali'i Bio	Linda Pratt	06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Sambucus mexicana	SamMex			HAVO	Wright Rd	Wright Rd	1	right	Keali'i Bio		06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Sambucus mexicana	SamMex			HAVO	Wright Rd	Wright Rd	3	left	Linda Pratt		06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Schedonorus arundinaceus	SchAru		Y	East of HAVO	Stainback Highway	Stainback Highway	13	right	Keali'i Bio		24-Jan-05	266627	2165328	UTM Zone 5 NAD 83	1032	3386
Schedonorus arundinaceus	SchAru		Y	HAVO	Crater Rim Rd	Crater Rim Rd	1	left	Linda Pratt		23-Jul-01	261717	2150216	UTM Zone 5 NAD 83	1210	3970
Schefflera actinophylla	SchAct			East of HAVO	Highway 130	Highway 130	11	right	Keali'i Bio		19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Schefflera actinophylla	SchAct			East of HAVO	Highway 130	Highway 130	12	left	Linda Pratt		19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Schefflera actinophylla	SchAct			East of HAVO	Highway 130	Highway 130	13	left	Linda Pratt		19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Schefflera actinophylla	SchAct			East of HAVO	Highway 130	Highway 130	14	right	Keali'i Bio		19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Schefflera actinophylla	SchAct			East of HAVO	Highway 130	Highway 130	16	left	Linda Pratt		19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Schefflera actinophylla	SchAct			East of HAVO	Highway 130	Highway 130	19	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Schefflera actinophylla	SchAct			East of HAVO	Highway 130	Highway 130	20	both	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Schefflera actinophylla	SchAct			HAVO	Highway 11	Highway 11	65	both	Keali'i Bio	Laura Nelson	16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Schefflera actinophylla	SchAct			HAVO	Highway 11	Highway 11	68	left	Laura Nelson		03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Schefflera actinophylla	SchAct			HAVO	Highway 11	Highway 11	71	left	Laura Nelson		03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047

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Schefflera actinophylla	SchAct			HAVO	Highway 11	Highway 11	77	both	Keali'i Bio	Laura Nelson	02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Schefflera actinophylla	SchAct			HAVO	Highway 11	Highway 11	78	left	Laura Nelson		02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Schefflera actinophylla	SchAct			HAVO	Highway 11	Highway 11	79	both	Keali'i Bio	Laura Nelson	20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
Schefflera actinophylla	SchAct			Residential	Mauna Loa Estates	10th			Keali'i Bio	Linda Pratt	05-Aug-03	267706	2149734	UTM Zone 5 NAD 83	1070	3510
Schefflera actinophylla	SchAct			Residential	Mauna Loa Estates	Jade			Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Schefflera arboricola	SchArb		Y	HAVO	Highway 11	Highway 11	66	makai	Keali'i Bio		16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Schefflera arboricola	SchArb		Y	Residential	Mauna Loa Estates	1st			Keali'i Bio	Linda Pratt	12-Aug-03	266167	2150096	UTM Zone 5 NAD 83	1117	3665
Schefflera arboricola	SchArb		Y	Residential	Mauna Loa Estates	6th			Keali'i Bio	Linda Pratt	12-Aug-03	266319	2149399	UTM Zone 5 NAD 83	1125	3691
Schefflera arboricola	SchArb		Y	Residential	Mauna Loa Estates	8th			Keali'i Bio	Linda Pratt	12-Aug-03	267572	2149962	UTM Zone 5 NAD 83	1067	3501
Schefflera arboricola	SchArb		Y	Residential	Mauna Loa Estates	Pearl			Keali'i Bio	Linda Pratt	05-Aug-03	267039	2149092	UTM Zone 5 NAD 83	1108	3635
Schinus molle	SchMol		Y	HAVO	Highway 11	Highway 11	65	mauka	Laura Nelson		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Schinus molle	SchMol		Y	HAVO	Highway 11	Highway 11	76	left	Laura Nelson		02-Apr-02	210081	2111710	UTM Zone 5 NAD 83	594	1949
Schinus molle	SchMol		Y	HAVO	Highway 11	Highway 11	77	left	Laura Nelson		02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Schinus molle	SchMol		Y	HAVO	Highway 11	Highway 11	78	left	Laura Nelson		02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Schinus molle	SchMol		Y	Residential	Volcano Golf Course	Kanawao			Keali'i Bio	Linda Pratt	12-Aug-03	260269	2151514	UTM Zone 5 NAD 83	1221	4006
Schinus molle	SchMol		Y	Residential	Volcano Golf Course	Palaa			Keali'i Bio	Linda Pratt	12-Aug-03	260126	2151287	UTM Zone 5 NAD 83	1219	3999
Schinus terebinthifolius	SchTer			East of HAVO	Highway 130	Highway 130	16	right	Keali'i Bio		19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Schinus terebinthifolius	SchTer			East of HAVO	Highway 130	Highway 130	17	both	Keali'i Bio	Linda Pratt	19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Schinus terebinthifolius	SchTer			East of HAVO	Highway 130	Highway 130	18	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Schinus terebinthifolius	SchTer			East of HAVO	Highway 130	Highway 130	19	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Schinus terebinthifolius	SchTer			East of HAVO	Highway 130	Highway 130	20	both	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Schinus terebinthifolius	SchTer			HAVO	Chain of Craters Rd	Chain of Craters Rd	13	left (even)	Linda Pratt		06-Jun-01	275080	2136341	UTM Zone 5 NAD 83	281	922
Schinus terebinthifolius	SchTer			HAVO	Chain of Craters Rd	Chain of Craters Rd	15	right (odd)	Keali'i Bio		06-Jun-01	274404	2134602	UTM Zone 5 NAD 83	109	358
Schinus terebinthifolius	SchTer			HAVO	Chain of Craters Rd	Chain of Craters Rd	17	right (odd)	Keali'i Bio		06-Jun-01	277363	2133480	UTM Zone 5 NAD 83	18	59
Schinus terebinthifolius	SchTer			HAVO	Chain of Craters Rd	Chain of Craters Rd	18	both	Keali'i Bio	Linda Pratt	06-Jun-01	278716	2134304	UTM Zone 5 NAD 83	13	43
Schinus terebinthifolius	SchTer			HAVO	Chain of Craters Rd	Chain of Craters Rd	19	left (even)	Linda Pratt		06-Jun-01	280123	2135093	UTM Zone 5 NAD 83	14	46
Schinus terebinthifolius	SchTer			HAVO	Highway 11	Highway 11	43	both	Keali'i Bio	Robert Yamanoha	30-May-01	246380	2136565	UTM Zone 5 NAD 83	726	2382
Schinus terebinthifolius	SchTer			HAVO	Highway 11	Highway 11	44	both	Keali'i Bio	Robert Yamanoha	30-May-01	245606	2135157	UTM Zone 5 NAD 83	682	2238
Schinus terebinthifolius	SchTer			HAVO	Highway 11	Highway 11	45	both	Keali'i Bio	Robert Yamanoha	30-May-01	244911	2133713	UTM Zone 5 NAD 83	628	2060
Schinus terebinthifolius	SchTer			HAVO	Highway 11	Highway 11	46	both	Keali'i Bio	Robert Yamanoha	30-May-01	244057	2132365	UTM Zone 5 NAD 83	586	1923
Schinus terebinthifolius	SchTer			HAVO	Highway 11	Highway 11	47	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699
Schinus terebinthifolius	SchTer			HAVO	Highway 11	Highway 11	48	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	242779	2129420	UTM Zone 5 NAD 83	483	1585
Schinus terebinthifolius	SchTer			HAVO	Highway 11	Highway 11	49	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Schinus terebinthifolius	SchTer			HAVO	Highway 11	Highway 11	65	both	Keali'i Bio	Laura Nelson	16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Schinus terebinthifolius	SchTer			HAVO	Highway 11	Highway 11	66	both	Keali'i Bio	Laura Nelson	16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Schinus terebinthifolius	SchTer			HAVO	Highway 11	Highway 11	67	both	Keali'i Bio	Laura Nelson	16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Schinus terebinthifolius	SchTer			HAVO	Highway 11	Highway 11	68	both	Keali'i Bio	Laura Nelson	03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Schinus terebinthifolius	SchTer			HAVO	Highway 11	Highway 11	69	both	Keali'i Bio	Laura Nelson	03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Schinus terebinthifolius	SchTer			HAVO	Highway 11	Highway 11	70	both	Keali'i Bio	Laura Nelson	03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Schinus terebinthifolius	SchTer			HAVO	Highway 11	Highway 11	71	right	Keali'i Bio		03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047
Schinus terebinthifolius	SchTer			HAVO	Highway 11	Highway 11	72	both	Keali'i Bio	Laura Nelson	03-Apr-02	215850	2109628	UTM Zone 5 NAD 83	602	1975
Schinus terebinthifolius	SchTer			HAVO	Highway 11	Highway 11	73	both	Keali'i Bio	Laura Nelson	02-Apr-02	214329	2110073	UTM Zone 5 NAD 83	597	1959
Schinus terebinthifolius	SchTer			HAVO	Highway 11	Highway 11	75	both	Keali'i Bio	Laura Nelson	02-Apr-02	211522	2111153	UTM Zone 5 NAD 83	596	1955
Schinus terebinthifolius	SchTer			HAVO	Highway 11	Highway 11	76	both	Keali'i Bio	Laura Nelson	02-Apr-02	210081	2111710	UTM Zone 5 NAD 83	594	1949
Schinus terebinthifolius	SchTer			HAVO	Highway 11	Highway 11	77	both	Keali'i Bio	Laura Nelson	02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
Schinus terebinthifolius	SchTer			HAVO	Highway 11	Highway 11	78	right	Keali'i Bio		02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Schinus terebinthifolius	SchTer			HAVO	Highway 11	Highway 11	79	makai	Laura Nelson		20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
Schinus terebinthifolius	SchTer			HAVO	Highway 11	Highway 11	80	both	Keali'i Bio	Laura Nelson	20-Mar-02	204197	2114294	UTM Zone 5 NAD 83	583	1913
Schinus terebinthifolius	SchTer			HAVO	Highway 11	Highway 11	81	both	Keali'i Bio	Laura Nelson	20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Schizachyrium condensatur	SchCon			East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Schizachyrium condensatur	SchCon			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715

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Schizachyrium condensatur	SchCon			East of HAVO	Highway 130	Highway 130	13	right	Keali'i Bio		19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Schizachyrium condensatur	SchCon			East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Schizachyrium condensatur	SchCon			East of HAVO	Highway 130	Highway 130	15	both	Keali'i Bio	Linda Pratt	19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Schizachyrium condensatur	SchCon			East of HAVO	Highway 130	Highway 130	16	both	Keali'i Bio	Linda Pratt	19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Schizachyrium condensatur	SchCon			East of HAVO	Highway 130	Highway 130	17	both	Keali'i Bio	Linda Pratt	19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Schizachyrium condensatur	SchCon			East of HAVO	Highway 130	Highway 130	18	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Schizachyrium condensatur	SchCon			East of HAVO	Highway 130	Highway 130	19	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Schizachyrium condensatur	SchCon			East of HAVO	Highway 130	Highway 130	20	both	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Schizachyrium condensatur	SchCon			East of HAVO	Stainback Highway	Stainback Highway	9	both	Keali'i Bio	Linda Pratt	24-Jan-05	272678	2166769	UTM Zone 5 NAD 83	694	2277
Schizachyrium condensatur	SchCon			East of HAVO	Stainback Highway	Stainback Highway	10	both	Keali'i Bio	Linda Pratt	24-Jan-05	271239	2166177	UTM Zone 5 NAD 83	793	2602
Schizachyrium condensatur	SchCon			East of HAVO	Stainback Highway	Stainback Highway	11	both	Keali'i Bio	Linda Pratt	24-Jan-05	269708	2165751	UTM Zone 5 NAD 83	882	2894
Schizachyrium condensatur	SchCon			East of HAVO	Stainback Highway	Stainback Highway	12	right	Keali'i Bio		24-Jan-05	268168	2165427	UTM Zone 5 NAD 83	954	3130
Schizachyrium condensatur	SchCon			East of HAVO	Stainback Highway	Stainback Highway	13	both	Keali'i Bio	Linda Pratt	24-Jan-05	266627	2165328	UTM Zone 5 NAD 83	1032	3386
Schizachyrium condensatur	SchCon			East of HAVO	Stainback Highway	Stainback Highway	14	both	Keali'i Bio	Linda Pratt	24-Jan-05	265311	2164578	UTM Zone 5 NAD 83	1130	3707
Schizachyrium condensatur	SchCon			East of HAVO	Stainback Highway	Stainback Highway	15	both	Keali'i Bio	Linda Pratt	24-Jan-05	263807	2164694	UTM Zone 5 NAD 83	1213	3980
Schizachyrium condensatur	SchCon			East of HAVO	Stainback Highway	Stainback Highway	16	both	Keali'i Bio	Linda Pratt	24-Jan-05	262244	2164420	UTM Zone 5 NAD 83	1328	4357
Schizachyrium condensatur	SchCon			East of HAVO	Stainback Highway	Stainback Highway	17	both	Keali'i Bio	Linda Pratt	24-Jan-05	260706	2164215	UTM Zone 5 NAD 83	1434	4705
Schizachyrium condensatur	SchCon			East of HAVO	Stainback Highway	Stainback Highway	18	both	Keali'i Bio	Linda Pratt	24-Jan-05	259274	2163747	UTM Zone 5 NAD 83	1528	5013
Schizachyrium condensatur	SchCon			HAVO	Chain of Craters Rd	Chain of Craters Rd	0	both	Keali'i Bio	Linda Pratt	31-May-01	263393	2147218	UTM Zone 5 NAD 83	1135	3724
Schizachyrium condensatur	SchCon			HAVO	Chain of Craters Rd	Chain of Craters Rd	1	both	Keali'i Bio	Linda Pratt	31-May-01	263783	2145709	UTM Zone 5 NAD 83	1107	3632
Schizachyrium condensatur	SchCon			HAVO	Chain of Craters Rd	Chain of Craters Rd	2	both	Keali'i Bio	Linda Pratt	31-May-01	264754	2144382	UTM Zone 5 NAD 83	1045	3428
Schizachyrium condensatur	SchCon			HAVO	Chain of Craters Rd	Chain of Craters Rd	3	both	Keali'i Bio	Linda Pratt	31-May-01	265912	2143452	UTM Zone 5 NAD 83	1002	3287
Schizachyrium condensatur	SchCon			HAVO	Chain of Craters Rd	Chain of Craters Rd	4	both	Keali'i Bio	Linda Pratt	31-May-01	266449	2142261	UTM Zone 5 NAD 83	975	3199
Schizachyrium condensatur	SchCon			HAVO	Chain of Craters Rd	Chain of Craters Rd	5	both	Keali'i Bio	Linda Pratt	31-May-01	266926	2140904	UTM Zone 5 NAD 83	908	2979
Schizachyrium condensatur	SchCon			HAVO	Chain of Craters Rd	Chain of Craters Rd	6	both	Keali'i Bio	Linda Pratt	31-May-01	268022	2139839	UTM Zone 5 NAD 83	843	2766
Schizachyrium condensatur	SchCon			HAVO	Chain of Craters Rd	Chain of Craters Rd	7	both	Keali'i Bio	Linda Pratt	31-May-01	269208	2138981	UTM Zone 5 NAD 83	770	2526
Schizachyrium condensatur	SchCon			HAVO	Chain of Craters Rd	Chain of Craters Rd	8	both	Keali'i Bio	Linda Pratt	31-May-01	270524	2138448	UTM Zone 5 NAD 83	730	2395
Schizachyrium condensatur	SchCon			HAVO	Chain of Craters Rd	Chain of Craters Rd	9	right (odd mile	Keali'i Bio		31-May-01	271712	2137525	UTM Zone 5 NAD 83	641	2103
Schizachyrium condensatur	SchCon			HAVO	Chain of Craters Rd	Chain of Craters Rd	11	left (even)	Linda Pratt		06-Jun-01	274716	2136863	UTM Zone 5 NAD 83	487	1598
Schizachyrium condensatur	SchCon			HAVO	Chain of Craters Rd	Chain of Craters Rd	12	left (even)	Linda Pratt		06-Jun-01	276347	2137027	UTM Zone 5 NAD 83	389	1276
Schizachyrium condensatur	SchCon			HAVO	Chain of Craters Rd	Chain of Craters Rd	13	left (even)	Linda Pratt		06-Jun-01	275080	2136341	UTM Zone 5 NAD 83	281	922
Schizachyrium condensatur	SchCon			HAVO	Chain of Craters Rd	Chain of Craters Rd	14	both	Keali'i Bio	Linda Pratt	06-Jun-01	273674	2135766	UTM Zone 5 NAD 83	195	640
Schizachyrium condensatur	SchCon			HAVO	Chain of Craters Rd	Chain of Craters Rd	19	left (even)	Linda Pratt		06-Jun-01	280123	2135093	UTM Zone 5 NAD 83	14	46
Schizachyrium condensatur	SchCon			HAVO	Crater Rim Rd	Crater Rim Rd	0	both	Linda Pratt	Keali'i Bio	23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Schizachyrium condensatur	SchCon			HAVO	Crater Rim Rd	Crater Rim Rd	1	both	Linda Pratt	Keali'i Bio	23-Jul-01	261717	2150216	UTM Zone 5 NAD 83	1210	3970
Schizachyrium condensatur	SchCon			HAVO	Crater Rim Rd	Crater Rim Rd	2	both	Linda Pratt	Keali'i Bio	23-Jul-01	260209	2149821	UTM Zone 5 NAD 83	1228	4029
Schizachyrium condensatur	SchCon			HAVO	Crater Rim Rd	Crater Rim Rd	3	both	Linda Pratt	Keali'i Bio	23-Jul-01	259205	2148667	UTM Zone 5 NAD 83	1214	3983
Schizachyrium condensatur	SchCon			HAVO	Crater Rim Rd	Crater Rim Rd	6	both	Linda Pratt	Keali'i Bio	23-Jul-01	261322	2146491	UTM Zone 5 NAD 83	1109	3638
Schizachyrium condensatur	SchCon			HAVO	Crater Rim Rd	Crater Rim Rd	7	both	Linda Pratt	Keali'i Bio	23-Jul-01	262735	2147218	UTM Zone 5 NAD 83	1146	3760
Schizachyrium condensatur	SchCon			HAVO	Crater Rim Rd	Crater Rim Rd	8	both	Linda Pratt	Keali'i Bio	23-Jul-01	264190	2147608	UTM Zone 5 NAD 83	1153	3783
Schizachyrium condensatur	SchCon			HAVO	Crater Rim Rd	Crater Rim Rd	9	both	Linda Pratt	Keali'i Bio	23-Jul-01	264678	2148282	UTM Zone 5 NAD 83	1194	3917
Schizachyrium condensatur	SchCon			HAVO	Crater Rim Rd	Crater Rim Rd	10	right	Linda Pratt		23-Jul-01	263738	2149287	UTM Zone 5 NAD 83	1181	3875
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	23	both	Keali'i Bio	Linda Pratt	17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	24	both	Keali'i Bio	Linda Pratt	17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	25	makai	Keali'i Bio		17-May-01	267829	2151333	UTM Zone 5 NAD 83	1029	3376
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	26	both	Keali'i Bio	Linda Pratt	17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	27	both	Keali'i Bio	Linda Pratt	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	28	both	Keali'i Bio	Robert Yamanoha	21-May-01	263792	2149317	UTM Zone 5 NAD 83	1182	3878
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	29	both	Keali'i Bio	Robert Yamanoha	21-May-01	262687	2150443	UTM Zone 5 NAD 83	1219	3999
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	30	both	Keali'i Bio	Linda Pratt	18-May-01	261165	2150609	UTM Zone 5 NAD 83	1226	4022
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	31	both	Keali'i Bio	Linda Pratt	18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009

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Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	32	both	Keali'i Bio	Linda Pratt	18-May-01	258337	2149127	UTM Zone 5 NAD 83	1185	3888
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	33	both	Keali'i Bio	Linda Pratt	18-May-01	256886	2148424	UTM Zone 5 NAD 83	1127	3698
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	34	both	Keali'i Bio	Linda Pratt	18-May-01	255546	2147576	UTM Zone 5 NAD 83	1087	3566
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	35	both	Keali'i Bio	Linda Pratt	18-May-01	254327	2146502	UTM Zone 5 NAD 83	1046	3432
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	36	both	Keali'i Bio	Linda Pratt	18-May-01	253248	2145389	UTM Zone 5 NAD 83	1010	3314
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	37	both	Keali'i Bio	Robert Yamanoha	21-May-01	252204	2144180	UTM Zone 5 NAD 83	960	3150
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	38	both	Keali'i Bio	Robert Yamanoha	21-May-01	251039	2143084	UTM Zone 5 NAD 83	919	3015
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	39	both	Keali'i Bio	Robert Yamanoha	21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	40	both	Keali'i Bio	Robert Yamanoha	21-May-01	248932	2140652	UTM Zone 5 NAD 83	847	2779
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	41	both	Keali'i Bio	Robert Yamanoha	21-May-01	248047	2139309	UTM Zone 5 NAD 83	803	2635
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	42	both	Keali'i Bio	Robert Yamanoha	30-May-01	247211	2137934	UTM Zone 5 NAD 83	754	2474
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	43	both	Keali'i Bio	Robert Yamanoha	30-May-01	246380	2136565	UTM Zone 5 NAD 83	726	2382
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	44	both	Keali'i Bio	Robert Yamanoha	30-May-01	245606	2135157	UTM Zone 5 NAD 83	682	2238
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	45	both	Keali'i Bio	Robert Yamanoha	30-May-01	244911	2133713	UTM Zone 5 NAD 83	628	2060
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	46	both	Keali'i Bio	Robert Yamanoha	30-May-01	244057	2132365	UTM Zone 5 NAD 83	586	1923
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	47	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	243420	2130891	UTM Zone 5 NAD 83	518	1699
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	48	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	242779	2129420	UTM Zone 5 NAD 83	483	1585
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	49	makai	Robert Yamanoha		04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	66	mauka	Laura Nelson		16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	68	both	Keali'i Bio	Laura Nelson	03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	69	both	Keali'i Bio	Laura Nelson	03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	70	both	Keali'i Bio	Laura Nelson	03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	71	both	Keali'i Bio	Laura Nelson	03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	72	both	Keali'i Bio	Laura Nelson	03-Apr-02	215850	2109628	UTM Zone 5 NAD 83	602	1975
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	75	left	Laura Nelson		02-Apr-02	211522	2111153	UTM Zone 5 NAD 83	596	1955
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	76	right	Keali'i Bio		02-Apr-02	210081	2111710	UTM Zone 5 NAD 83	594	1949
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	78	both	Keali'i Bio	Laura Nelson	02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	79	both	Keali'i Bio	Laura Nelson	20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
Schizachyrium condensatur	SchCon			HAVO	Highway 11	Highway 11	80	both	Keali'i Bio	Laura Nelson	20-Mar-02	204197	2114294	UTM Zone 5 NAD 83	583	1913
Schizachyrium condensatur	SchCon			HAVO	Hilina Pali Rd	Hilina Pali Rd	0	both	Keali'i Bio	Linda Pratt	08-Aug-01	264928	2144119	UTM Zone 5 NAD 83	1034	3392
Schizachyrium condensatur	SchCon			HAVO	Hilina Pali Rd	Hilina Pali Rd	1	both	Keali'i Bio	Linda Pratt	08-Aug-01	263904	2142819	UTM Zone 5 NAD 83	1013	3323
Schizachyrium condensatur	SchCon			HAVO	Hilina Pali Rd	Hilina Pali Rd	2	both	Keali'i Bio	Linda Pratt	08-Aug-01	263132	2141554	UTM Zone 5 NAD 83	997	3271
Schizachyrium condensatur	SchCon			HAVO	Hilina Pali Rd	Hilina Pali Rd	3	boh	Keali'i Bio	Linda Pratt	08-Aug-01	261892	2140618	UTM Zone 5 NAD 83	981	3219
Schizachyrium condensatur	SchCon			HAVO	Hilina Pali Rd	Hilina Pali Rd	4	both	Keali'i Bio	Linda Pratt	08-Aug-01	261042	2139784	UTM Zone 5 NAD 83	958	3143
Schizachyrium condensatur	SchCon			HAVO	Hilina Pali Rd	Hilina Pali Rd	5	both	Keali'i Bio	Linda Pratt	08-Aug-01	260579	2138426	UTM Zone 5 NAD 83	888	2913
Schizachyrium condensatur	SchCon			HAVO	Hilina Pali Rd	Hilina Pali Rd	6	both	Keali'i Bio	Linda Pratt	08-Aug-01	259221	2137810	UTM Zone 5 NAD 83	859	2818
Schizachyrium condensatur	SchCon			HAVO	Hilina Pali Rd	Hilina Pali Rd	7	both	Keali'i Bio	Linda Pratt	08-Aug-01	258530	2136558	UTM Zone 5 NAD 83	799	2621
Schizachyrium condensatur	SchCon			HAVO	Hilina Pali Rd	Hilina Pali Rd	8	both	Keali'i Bio	Linda Pratt	08-Aug-01	257632	2135674	UTM Zone 5 NAD 83	733	2405
Schizachyrium condensatur	SchCon			HAVO	Mauna Loa Rd	Mauna Loa Rd	0	both	Linda Pratt		20-Jun-01	260232	2150037	UTM Zone 5 NAD 83	1228	4029
Schizachyrium condensatur	SchCon			HAVO	Mauna Loa Rd	Mauna Loa Rd	1	both	Linda Pratt		20-Jun-01	258888	2150444	UTM Zone 5 NAD 83	1211	3973
Schizachyrium condensatur	SchCon			HAVO	Mauna Loa Rd	Mauna Loa Rd	2	both	Linda Pratt		20-Jun-01	257651	2151066	UTM Zone 5 NAD 83	1223	4012
Schizachyrium condensatur	SchCon			HAVO	Mauna Loa Rd	Mauna Loa Rd	3	both	Linda Pratt		20-Jun-01	256794	2151494	UTM Zone 5 NAD 83	1285	4216
Schizachyrium condensatur	SchCon			HAVO	Mauna Loa Rd	Mauna Loa Rd	4	both	Linda Pratt		20-Jun-01	255333	2151589	UTM Zone 5 NAD 83	1356	4449
Schizachyrium condensatur	SchCon			HAVO	Mauna Loa Rd	Mauna Loa Rd	5	both	Linda Pratt		20-Jun-01	254743	2152431	UTM Zone 5 NAD 83	1429	4688
Schizachyrium condensatur	SchCon			HAVO	Mauna Loa Rd	Mauna Loa Rd	6	both	Linda Pratt		20-Jun-01	253984	2153448	UTM Zone 5 NAD 83	1500	4921
Schizachyrium condensatur	SchCon			HAVO	Mauna Loa Rd	Mauna Loa Rd	7	both	Linda Pratt		20-Jun-01	253220	2154160	UTM Zone 5 NAD 83	1580	5184
Schizachyrium condensatur	SchCon			HAVO	Mauna Loa Rd	Mauna Loa Rd	8	both	Linda Pratt		20-Jun-01	252221	2155114	UTM Zone 5 NAD 83	1686	5531
Schizachyrium condensatur	SchCon			HAVO	Mauna Loa Rd	Mauna Loa Rd	9	both	Linda Pratt		20-Jun-01	250854	2155424	UTM Zone 5 NAD 83	1778	5833
Schizachyrium condensatur	SchCon			HAVO	Mauna Loa Rd	Mauna Loa Rd	10	both	Linda Pratt		20-Jun-01	250386	2156103	UTM Zone 5 NAD 83	1883	6178
Schizachyrium condensatur	SchCon			HAVO	Wright Rd	Wright Rd	0	left	Linda Pratt		06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Schizachyrium condensatur	SchCon			HAVO	Wright Rd	Wright Rd	1	right	Keali'i Bio		06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747

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Schizachyrium condensatur	SchCon			HAVO	Wright Rd	Wright Rd	3	right	Keali'i Bio		06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Senecio madagascariensis*	SenMad	Y		HAVO	Highway 11	Highway 11	31	makai	Linda Pratt	Steve Dougill	18-May-01	259796	2149836	UTM Zone 5 NAD 83	1222	4009
Senecio madagascariensis*	SenMad	Y		HAVO	Highway 11	Highway 11	32	makai	Linda Pratt	Steve Dougill	18-May-01	258337	2149127	UTM Zone 5 NAD 83	1185	3888
Senecio madagascariensis*	SenMad	Y		HAVO	Highway 11	Highway 11	68	left	Laura Nelson		03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Senecio madagascariensis*	SenMad	Y		HAVO	Highway 11	Highway 11	69	both	Keali'i Bio	Laura Nelson	03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Senecio madagascariensis*	SenMad	Y		HAVO	Highway 11	Highway 11	70	both	Keali'i Bio	Laura Nelson	03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Senecio madagascariensis*	SenMad	Y		HAVO	Highway 11	Highway 11	71	left	Laura Nelson		03-Apr-02	217486	2109486	UTM Zone 5 NAD 83	624	2047
Senna occidentalis	SenOcc			East of HAVO	Highway 130	Highway 130	11	left	Linda Pratt		19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Senna occidentalis	SenOcc			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Senna occidentalis	SenOcc			East of HAVO	Highway 130	Highway 130	14	left	Linda Pratt		19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Senna occidentalis	SenOcc			East of HAVO	Highway 130	Highway 130	15	left	Linda Pratt		19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Senna occidentalis	SenOcc			East of HAVO	Highway 130	Highway 130	16	left	Linda Pratt		19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Senna occidentalis	SenOcc			East of HAVO	Highway 130	Highway 130	19	left	Chelsie Javar	Keali'i Bio	20-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Senna occidentalis	SenOcc			East of HAVO	Highway 130	Highway 130	20	both	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Senna occidentalis	SenOcc			HAVO	Highway 11	Highway 11	66	makai	Keali'i Bio		16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Senna pendula	SenPen			HAVO	Highway 11	Highway 11	65	makai	Keali'i Bio		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Senna pendula	SenPen			HAVO	Highway 11	Highway 11	81	mauka	Keali'i Bio		20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Setaria palmifolia	SetPal			East of HAVO	Highway 130	Highway 130	11	left	Linda Pratt		19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Setaria palmifolia	SetPal			East of HAVO	Highway 130	Highway 130	12	left	Linda Pratt		19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Setaria palmifolia	SetPal			East of HAVO	Highway 130	Highway 130	13	left	Linda Pratt		19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Setaria palmifolia	SetPal			East of HAVO	Highway 130	Highway 130	17	right	Keali'i Bio		19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Setaria palmifolia	SetPal			East of HAVO	Stainback Highway	Stainback Highway	9	left	Linda Pratt		24-Jan-05	272678	2166769	UTM Zone 5 NAD 83	694	2277
Setaria palmifolia	SetPal			East of HAVO	Stainback Highway	Stainback Highway	10	both	Keali'i Bio	Linda Pratt	24-Jan-05	271239	2166177	UTM Zone 5 NAD 83	793	2602
Setaria palmifolia	SetPal			East of HAVO	Stainback Highway	Stainback Highway	11	both	Keali'i Bio	Linda Pratt	24-Jan-05	269708	2165751	UTM Zone 5 NAD 83	882	2894
Setaria palmifolia	SetPal			East of HAVO	Stainback Highway	Stainback Highway	12	both	Keali'i Bio	Linda Pratt	24-Jan-05	268168	2165427	UTM Zone 5 NAD 83	954	3130
Setaria palmifolia	SetPal			East of HAVO	Stainback Highway	Stainback Highway	13	both	Keali'i Bio	Linda Pratt	24-Jan-05	266627	2165328	UTM Zone 5 NAD 83	1032	3386
Setaria palmifolia	SetPal			East of HAVO	Stainback Highway	Stainback Highway	14	both	Keali'i Bio	Linda Pratt	24-Jan-05	265311	2164578	UTM Zone 5 NAD 83	1130	3707
Setaria palmifolia	SetPal			East of HAVO	Stainback Highway	Stainback Highway	15	right	Keali'i Bio		24-Jan-05	263807	2164694	UTM Zone 5 NAD 83	1213	3980
Setaria palmifolia	SetPal			HAVO	Crater Rim Rd	Crater Rim Rd	7	right	Linda Pratt		23-Jul-01	262735	2147218	UTM Zone 5 NAD 83	1146	3760
Setaria palmifolia	SetPal			HAVO	Crater Rim Rd	Crater Rim Rd	8	both	Linda Pratt	Keali'i Bio	23-Jul-01	264190	2147608	UTM Zone 5 NAD 83	1153	3783
Setaria palmifolia	SetPal			HAVO	Crater Rim Rd	Crater Rim Rd	10	left	Keali'i Bio		23-Jul-01	263738	2149287	UTM Zone 5 NAD 83	1181	3875
Setaria palmifolia	SetPal			HAVO	Highway 11	Highway 11	23	mauka	Linda Pratt		17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Setaria palmifolia	SetPal			HAVO	Highway 11	Highway 11	24	mauka	Linda Pratt		17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Setaria palmifolia	SetPal			HAVO	Highway 11	Highway 11	26	makai	Keali'i Bio		17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Setaria palmifolia	SetPal			HAVO	Highway 11	Highway 11	28	mauka	Keali'i Bio		21-May-01	263792	2149317	UTM Zone 5 NAD 83	1182	3878
Setaria palmifolia	SetPal			HAVO	Highway 11	Highway 11	39	mauka	Keali'i Bio		21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
Setaria palmifolia	SetPal			HAVO	Highway 11	Highway 11	42	makai	Robert Yamanoha		30-May-01	247211	2137934	UTM Zone 5 NAD 83	754	2474
Setaria palmifolia	SetPal			HAVO	Highway 11	Highway 11	43	makai	Robert Yamanoha		30-May-01	246380	2136565	UTM Zone 5 NAD 83	726	2382
Setaria palmifolia	SetPal			HAVO	Wright Rd	Wright Rd	0	left	Linda Pratt		06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Setaria palmifolia	SetPal			HAVO	Wright Rd	Wright Rd	1	both	Keali'i Bio	Linda Pratt	06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Setaria palmifolia	SetPal			HAVO	Wright Rd	Wright Rd	3	both	Keali'i Bio	Linda Pratt	06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Setaria palmifolia	SetPal			Residential	Mauna Loa Estates	2nd			Keali'i Bio	Linda Pratt	12-Aug-03	267113	2150594	UTM Zone 5 NAD 83	1077	3533
Setaria palmifolia	SetPal			Residential	Mauna Loa Estates	3rd			Keali'i Bio	Linda Pratt	12-Aug-03	266174	2149775	UTM Zone 5 NAD 83	1122	3681
Setaria palmifolia	SetPal			Residential	Mauna Loa Estates	4th			Keali'i Bio	Linda Pratt	12-Aug-03	267267	2150381	UTM Zone 5 NAD 83	1074	3524
Setaria palmifolia	SetPal			Residential	Mauna Loa Estates	Pearl			Keali'i Bio	Linda Pratt	05-Aug-03	266271	2150161	UTM Zone 5 NAD 83	1113	3652
Setaria palmifolia	SetPal			Residential	Mauna Loa Estates	Pearl			Keali'i Bio	Linda Pratt	05-Aug-03	267039	2149092	UTM Zone 5 NAD 83	1108	3635
Setaria palmifolia	SetPal			Residential	Mauna Loa Estates	Ruby			Keali'i Bio	Linda Pratt	05-Aug-03	266531	2150362	UTM Zone 5 NAD 83	1101	3612
Setaria palmifolia	SetPal			Residential	Volcano Golf Course	Kaohelo			Keali'i Bio	Linda Pratt	12-Aug-03	260961	2151805	UTM Zone 5 NAD 83	1228	4029
Setaria palmifolia	SetPal			Residential	Volcano Golf Course	Pukiawe Circle E			Keali'i Bio	Linda Pratt	12-Aug-03	260735	2151256	UTM Zone 5 NAD 83	1223	4012
Setaria palmifolia	SetPal			Residential	Volcano Village	Laukapu			Keali'i Bio	Linda Pratt	05-Aug-03	265865	2151504	UTM Zone 5 NAD 83	1117	3665
Setaria palmifolia	SetPal			Residential	Volcano Village	Road B			Keali'i Bio	Linda Pratt	05-Aug-03	265452	2151277	UTM Zone 5 NAD 83	1135	3724

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Setaria palmifolia	SetPal			Residential	Volcano Village	Road C			Keali'i Bio	Linda Pratt	05-Aug-03	265199	2151994	UTM Zone 5 NAD 83	1137	3730
Setaria palmifolia	SetPal			Residential	Volcano Village	Road D			Keali'i Bio	Linda Pratt	05-Aug-03	265712	2151426	UTM Zone 5 NAD 83	1125	3691
Setaria sphacelata	SetSph	Y		HAVO	Highway 11	Highway 11	39	mauka	Keali'i Bio		21-May-01	249928	2141904	UTM Zone 5 NAD 83	880	2887
Setaria sphacelata	SetSph	Y		HAVO	Highway 11	Highway 11	42	makai	Robert Yamanoha		30-May-01	247211	2137934	UTM Zone 5 NAD 83	754	2474
Solanum pseudocapsicum	SolPse			HAVO	Mauna Loa Rd	Mauna Loa Rd	1	both	Linda Pratt		20-Jun-01	258888	2150444	UTM Zone 5 NAD 83	1211	3973
Solanum pseudocapsicum	SolPse			HAVO	Mauna Loa Rd	Mauna Loa Rd	2	both	Linda Pratt		20-Jun-01	257651	2151066	UTM Zone 5 NAD 83	1223	4012
Solanum pseudocapsicum	SolPse			HAVO	Mauna Loa Rd	Mauna Loa Rd	4	both	Linda Pratt		20-Jun-01	255333	2151589	UTM Zone 5 NAD 83	1356	4449
Sorghum arundinaceum	SorAru		Y	East of HAVO	Highway 130	Highway 130	11	left	Linda Pratt		19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Sorghum arundinaceum	SorAru		Y	HAVO	Highway 11	Highway 11	49	mauka	Keali'i Bio		04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Spathodea campanulata	SpaCam			East of HAVO	Highway 130	Highway 130	11	right	Keali'i Bio		19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Spathodea campanulata	SpaCam			East of HAVO	Highway 130	Highway 130	13	left	Linda Pratt		19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Spathodea campanulata	SpaCam			East of HAVO	Highway 130	Highway 130	17	left	Linda Pratt		19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Spathodea campanulata	SpaCam			East of HAVO	Highway 130	Highway 130	19	right	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Spathodea campanulata	SpaCam			HAVO	Highway 11	Highway 11	65	both	Keali'i Bio	Laura Nelson	16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Spathodea campanulata	SpaCam			HAVO	Highway 11	Highway 11	68	left	Laura Nelson		03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Sphaeropteris cooperi	SphCoo			HAVO	Wright Rd	Wright Rd	3	left	Linda Pratt		06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Sphaeropteris cooperi	SphCoo			Residential	Volcano Golf Course	Kolokea			Keali'i Bio	Linda Pratt	12-Aug-03	260806	2152014	UTM Zone 5 NAD 83	1227	4026
Sphaeropteris cooperi	SphCoo			Residential	Volcano Golf Course	Pukiawe Circle W			Keali'i Bio	Linda Pratt	12-Aug-03	260317	2151596	UTM Zone 5 NAD 83	1223	4012
Sphagneticola trilobata	SphTri	Y		East of HAVO	Highway 130	Highway 130	11	right	Keali'i Bio		19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Sphagneticola trilobata	SphTri	Y		East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Sphagneticola trilobata	SphTri	Y		East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Sphagneticola trilobata	SphTri	Y		East of HAVO	Highway 130	Highway 130	15	left	Linda Pratt		19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Sphagneticola trilobata	SphTri	Y		East of HAVO	Highway 130	Highway 130	16	right	Keali'i Bio		19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Sphagneticola trilobata	SphTri	Y		East of HAVO	Highway 130	Highway 130	17	both	Keali'i Bio	Linda Pratt	19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Sphagneticola trilobata	SphTri	Y		HAVO	Crater Rim Rd	Crater Rim Rd	8	left	Keali'i Bio		23-Jul-01	264190	2147608	UTM Zone 5 NAD 83	1153	3783
Sphagneticola trilobata	SphTri	Y		HAVO	Highway 11	Highway 11	65	both	Keali'i Bio	Laura Nelson	16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Sphagneticola trilobata	SphTri	Y		HAVO	Highway 11	Highway 11	66	mauka	Laura Nelson		16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Sphagneticola trilobata	SphTri	Y		HAVO	Highway 11	Highway 11	67	makai	Keali'i Bio		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Sphagneticola trilobata	SphTri	Y		HAVO	Highway 11	Highway 11	75	right	Keali'i Bio		02-Apr-02	211522	2111153	UTM Zone 5 NAD 83	596	1955
Sphagneticola trilobata	SphTri	Y		Residential	Mauna Loa Estates	2nd			Keali'i Bio	Linda Pratt	12-Aug-03	267113	2150594	UTM Zone 5 NAD 83	1077	3533
Sphagneticola trilobata	SphTri	Y		Residential	Mauna Loa Estates	5th			Keali'i Bio	Linda Pratt	12-Aug-03	266327	2149568	UTM Zone 5 NAD 83	1120	3675
Sporobolus indicus	Spolnd	Y		HAVO	Chain of Craters Rd	Chain of Craters Rd	12	left (even)	Linda Pratt		06-Jun-01	276347	2137027	UTM Zone 5 NAD 83	389	1276
Sporobolus indicus	Spolnd	Y		HAVO	Crater Rim Rd	Crater Rim Rd	1	left	Linda Pratt		23-Jul-01	261717	2150216	UTM Zone 5 NAD 83	1210	3970
Sporobolus indicus	Spolnd	Y		HAVO	Hilina Pali Rd	Hilina Pali Rd	1	left	Linda Pratt		08-Aug-01	263904	2142819	UTM Zone 5 NAD 83	1013	3323
Syzygium cumini	SyzCum			East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Syzygium cumini	SyzCum			East of HAVO	Highway 130	Highway 130	12	left	Linda Pratt		19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Syzygium cumini	SyzCum			East of HAVO	Highway 130	Highway 130	17	left	Linda Pratt		19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Syzygium cumini	SyzCum			East of HAVO	Highway 130	Highway 130	18	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Syzygium cumini	SyzCum			East of HAVO	Highway 130	Highway 130	19	both	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Syzygium cumini	SyzCum			East of HAVO	Highway 130	Highway 130	20	both	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Syzygium cumini	SyzCum			HAVO	Highway 11	Highway 11	65	both	Keali'i Bio	Laura Nelson	16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Syzygium cumini	SyzCum			HAVO	Highway 11	Highway 11	66	makai	Keali'i Bio		16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Syzygium cumini	SyzCum			HAVO	Highway 11	Highway 11	67	makai	Keali'i Bio		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Syzygium jambos	SyzJam			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Syzygium jambos	SyzJam			East of HAVO	Highway 130	Highway 130	14	right	Keali'i Bio		19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Syzygium jambos	SyzJam			East of HAVO	Highway 130	Highway 130	15	left	Linda Pratt		19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Syzygium jambos	SyzJam			East of HAVO	Highway 130	Highway 130	19	left	Chelsie Javar	Keali'i Bio	20-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Syzygium jambos	SyzJam			HAVO	Highway 11	Highway 11	66	both	Keali'i Bio	Laura Nelson	16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Syzygium jambos	SyzJam			HAVO	Highway 11	Highway 11	68	left	Laura Nelson		03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Syzygium jambos	SyzJam			HAVO	Highway 11	Highway 11	81	mauka	Keali'i Bio		20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Syzygium jambos	SyzJam			HAVO	Wright Rd	Wright Rd	0	left	Linda Pratt		06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678

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<i>Terminalia catappa</i>	TerCat			East of HAVO	Highway 130	Highway 130	11	right	Keali'i Bio		19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
<i>Themeda villosa</i> **	TheVil			East of HAVO	Highway 130	Highway 130	11	right	Keali'i Bio		19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
<i>Themeda villosa</i> **	TheVil			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
<i>Themeda villosa</i> **	TheVil			East of HAVO	Highway 130	Highway 130	13	right	Keali'i Bio		19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
<i>Themeda villosa</i> **	TheVil			East of HAVO	Highway 130	Highway 130	14	right	Keali'i Bio		19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
<i>Themeda villosa</i> **	TheVil			East of HAVO	Highway 130	Highway 130	19	left	Chelsie Javar	Keali'i Bio	20-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
<i>Thevetia peruviana</i>	ThePer		Y	HAVO	Highway 11	Highway 11	65	mauka	Laura Nelson		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
<i>Thevetia peruviana</i>	ThePer		Y	HAVO	Highway 11	Highway 11	66	mauka	Laura Nelson		16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
<i>Thevetia peruviana</i>	ThePer		Y	HAVO	Highway 11	Highway 11	67	makai	Keali'i Bio		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
<i>Thevetia peruviana</i>	ThePer		Y	HAVO	Highway 11	Highway 11	77	left	Laura Nelson		02-Apr-02	208555	2112284	UTM Zone 5 NAD 83	601	1972
<i>Thunbergia alata</i>	ThuAla			HAVO	Highway 11	Highway 11	66	mauka	Laura Nelson		16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
<i>Thunbergia alata</i>	ThuAla			HAVO	Wright Rd	Wright Rd	0	right	Keali'i Bio		06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
<i>Thunbergia alata</i>	ThuAla			HAVO	Wright Rd	Wright Rd	1	right	Keali'i Bio		06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
<i>Thunbergia alata</i>	ThuAla			HAVO	Wright Rd	Wright Rd	4	left	Linda Pratt		06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
<i>Thunbergia alata</i>	ThuAla			Residential	Mauna Loa Estates	6th			Keali'i Bio	Linda Pratt	12-Aug-03	267422	2150179	UTM Zone 5 NAD 83	1063	3488
<i>Thunbergia alata</i>	ThuAla			Residential	Mauna Loa Estates	7th			Keali'i Bio	Linda Pratt	12-Aug-03	266470	2149349	UTM Zone 5 NAD 83	1121	3678
<i>Thunbergia alata</i>	ThuAla			Residential	Volcano Golf Course	Kaohelo			Keali'i Bio	Linda Pratt	12-Aug-03	260961	2151805	UTM Zone 5 NAD 83	1228	4029
<i>Thunbergia alata</i>	ThuAla			Residential	Volcano Golf Course	Palaa			Keali'i Bio	Linda Pratt	12-Aug-03	260126	2151287	UTM Zone 5 NAD 83	1219	3999
<i>Thunbergia alata</i>	ThuAla			Residential	Volcano Golf Course	Pukiawe Circle E			Keali'i Bio	Linda Pratt	12-Aug-03	260735	2151256	UTM Zone 5 NAD 83	1223	4012
<i>Thunbergia alata</i>	ThuAla			Residential	Volcano Golf Course	Pukiawe Circle W			Keali'i Bio	Linda Pratt	12-Aug-03	260317	2151596	UTM Zone 5 NAD 83	1223	4012
<i>Thunbergia alata</i>	ThuAla			Residential	Volcano Golf Course	Pukiawe Pl.			Keali'i Bio	Linda Pratt	12-Aug-03	260609	2151405	UTM Zone 5 NAD 83	1223	4012
<i>Thunbergia alata</i>	ThuAla			Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264690	2150983	UTM Zone 5 NAD 83	1158	3799
<i>Thunbergia alata</i>	ThuAla			Residential	Volcano Village	Keonelehua			Keali'i Bio	Linda Pratt	05-Aug-03	265525	2150832	UTM Zone 5 NAD 83	1138	3734
<i>Thunbergia alata</i>	ThuAla			Residential	Volcano Village	Road B			Keali'i Bio	Linda Pratt	05-Aug-03	265452	2151277	UTM Zone 5 NAD 83	1135	3724
<i>Thunbergia alata</i>	ThuAla			Residential	Volcano Village	Road C			Keali'i Bio	Linda Pratt	05-Aug-03	265199	2151994	UTM Zone 5 NAD 83	1137	3730
<i>Thunbergia fragrans</i>	ThuFra		Y	East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
<i>Thunbergia fragrans</i>	ThuFra		Y	East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
<i>Thunbergia fragrans</i>	ThuFra		Y	East of HAVO	Highway 130	Highway 130	15	both	Keali'i Bio	Linda Pratt	19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
<i>Thunbergia fragrans</i>	ThuFra		Y	East of HAVO	Highway 130	Highway 130	17	right	Keali'i Bio		19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
<i>Thunbergia fragrans</i>	ThuFra		Y	East of HAVO	Highway 130	Highway 130	18	right	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
<i>Thunbergia fragrans</i>	ThuFra		Y	East of HAVO	Highway 130	Highway 130	20	right	Keali'i Bio	Chelsie Javar	16-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
<i>Thunbergia fragrans</i>	ThuFra		Y	HAVO	Highway 11	Highway 11	65	both	Keali'i Bio	Laura Nelson	16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
<i>Thunbergia fragrans</i>	ThuFra		Y	HAVO	Highway 11	Highway 11	66	both	Keali'i Bio	Laura Nelson	16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
<i>Thunbergia fragrans</i>	ThuFra		Y	HAVO	Highway 11	Highway 11	67	mauka	Laura Nelson		16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
<i>Tibouchina granulosa</i> **	TibGra			HAVO	Wright Rd	Wright Rd	0	right	Keali'i Bio		06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
<i>Tibouchina granulosa</i> **	TibGra			Residential	Volcano Village	Laukapu			Keali'i Bio	Linda Pratt	05-Aug-03	265865	2151504	UTM Zone 5 NAD 83	1117	3665
<i>Tibouchina granulosa</i> **	TibGra			Residential	Volcano Village	Laukapu			Keali'i Bio	Linda Pratt	05-Aug-03	265110	2151069	UTM Zone 5 NAD 83	1145	3757
<i>Tibouchina herbacea</i> **	TibHer			East of HAVO	Highway 130	Highway 130	11	left	Linda Pratt		19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
<i>Tibouchina herbacea</i> **	TibHer			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
<i>Tibouchina herbacea</i> **	TibHer			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
<i>Tibouchina herbacea</i> **	TibHer			East of HAVO	Highway 130	Highway 130	14	both	Keali'i Bio	Linda Pratt	19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
<i>Tibouchina herbacea</i> **	TibHer			East of HAVO	Highway 130	Highway 130	15	right	Keali'i Bio		19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
<i>Tibouchina herbacea</i> **	TibHer			East of HAVO	Highway 130	Highway 130	16	right	Keali'i Bio		19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
<i>Tibouchina herbacea</i> **	TibHer			East of HAVO	Stainback Highway	Stainback Highway	9	both	Keali'i Bio	Linda Pratt	24-Jan-05	272678	2166769	UTM Zone 5 NAD 83	694	2277
<i>Tibouchina herbacea</i> **	TibHer			East of HAVO	Stainback Highway	Stainback Highway	10	both	Keali'i Bio	Linda Pratt	24-Jan-05	271239	2166177	UTM Zone 5 NAD 83	793	2602
<i>Tibouchina herbacea</i> **	TibHer			East of HAVO	Stainback Highway	Stainback Highway	11	both	Keali'i Bio	Linda Pratt	24-Jan-05	269708	2165751	UTM Zone 5 NAD 83	882	2894
<i>Tibouchina herbacea</i> **	TibHer			East of HAVO	Stainback Highway	Stainback Highway	12	both	Keali'i Bio	Linda Pratt	24-Jan-05	268168	2165427	UTM Zone 5 NAD 83	954	3130
<i>Tibouchina herbacea</i> **	TibHer			East of HAVO	Stainback Highway	Stainback Highway	13	left	Linda Pratt		24-Jan-05	266627	2165328	UTM Zone 5 NAD 83	1032	3386
<i>Tibouchina herbacea</i> **	TibHer			East of HAVO	Stainback Highway	Stainback Highway	14	both	Keali'i Bio	Linda Pratt	24-Jan-05	265311	2164578	UTM Zone 5 NAD 83	1130	3707
<i>Tibouchina herbacea</i> **	TibHer			East of HAVO	Stainback Highway	Stainback Highway	15	left	Linda Pratt		24-Jan-05	263807	2164694	UTM Zone 5 NAD 83	1213	3980
<i>Tibouchina herbacea</i> **	TibHer			East of HAVO	Stainback Highway	Stainback Highway	16	left	Linda Pratt		24-Jan-05	262244	2164420	UTM Zone 5 NAD 83	1328	4357

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Tibouchina herbacea**	TibHer			HAVO	Highway 11	Highway 11	23	both	Keali'i Bio	Linda Pratt	17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Tibouchina herbacea**	TibHer			HAVO	Highway 11	Highway 11	24	both	Keali'i Bio	Linda Pratt	17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Tibouchina herbacea**	TibHer			HAVO	Wright Rd	Wright Rd	0	both	Keali'i Bio	Linda Pratt	06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Tibouchina herbacea**	TibHer			HAVO	Wright Rd	Wright Rd	1	right	Keali'i Bio		06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Tibouchina herbacea**	TibHer			Residential	Mauna Loa Estates	10th			Keali'i Bio	Linda Pratt	05-Aug-03	267706	2149734	UTM Zone 5 NAD 83	1070	3510
Tibouchina herbacea**	TibHer			Residential	Mauna Loa Estates	13th			Keali'i Bio	Linda Pratt	05-Aug-03	267308	2148966	UTM Zone 5 NAD 83	1095	3593
Tibouchina herbacea**	TibHer			Residential	Mauna Loa Estates	1st			Keali'i Bio	Linda Pratt	12-Aug-03	266167	2150096	UTM Zone 5 NAD 83	1117	3665
Tibouchina herbacea**	TibHer			Residential	Mauna Loa Estates	2nd			Keali'i Bio	Linda Pratt	12-Aug-03	267113	2150594	UTM Zone 5 NAD 83	1077	3533
Tibouchina herbacea**	TibHer			Residential	Mauna Loa Estates	3rd			Keali'i Bio	Linda Pratt	12-Aug-03	266174	2149775	UTM Zone 5 NAD 83	1122	3681
Tibouchina herbacea**	TibHer			Residential	Mauna Loa Estates	4th			Keali'i Bio	Linda Pratt	12-Aug-03	267267	2150381	UTM Zone 5 NAD 83	1074	3524
Tibouchina herbacea**	TibHer			Residential	Mauna Loa Estates	6th			Keali'i Bio	Linda Pratt	12-Aug-03	267422	2150179	UTM Zone 5 NAD 83	1063	3488
Tibouchina herbacea**	TibHer			Residential	Mauna Loa Estates	7th			Keali'i Bio	Linda Pratt	12-Aug-03	266470	2149349	UTM Zone 5 NAD 83	1121	3678
Tibouchina herbacea**	TibHer			Residential	Mauna Loa Estates	8th			Keali'i Bio	Linda Pratt	12-Aug-03	266498	2149211	UTM Zone 5 NAD 83	1123	3684
Tibouchina herbacea**	TibHer			Residential	Mauna Loa Estates	9th			Keali'i Bio	Linda Pratt	05-Aug-03	266599	2149121	UTM Zone 5 NAD 83	1119	3671
Tibouchina herbacea**	TibHer			Residential	Mauna Loa Estates	Jade			Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Tibouchina herbacea**	TibHer			Residential	Mauna Loa Estates	Pearl			Keali'i Bio	Linda Pratt	05-Aug-03	267039	2149092	UTM Zone 5 NAD 83	1108	3635
Tibouchina herbacea**	TibHer			Residential	Mauna Loa Estates	Ruby			Keali'i Bio	Linda Pratt	05-Aug-03	266531	2150362	UTM Zone 5 NAD 83	1101	3612
Tibouchina longifolia**	TibLon			East of HAVO	Highway 130	Highway 130	14	right	Keali'i Bio		19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Tibouchina urvilleana**	TibUrvUrv			HAVO	Crater Rim Rd	Crater Rim Rd	0	left	Linda Pratt		23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Tibouchina urvilleana**	TibUrvUrv			HAVO	Crater Rim Rd	Crater Rim Rd	1	right	Keali'i Bio		23-Jul-01	261717	2150216	UTM Zone 5 NAD 83	1210	3970
Tibouchina urvilleana**	TibUrvUrv			HAVO	Crater Rim Rd	Crater Rim Rd	10	left	Keali'i Bio		23-Jul-01	263738	2149287	UTM Zone 5 NAD 83	1181	3875
Tibouchina urvilleana**	TibUrvUrv			HAVO	Highway 11	Highway 11	23	mauka	Linda Pratt		17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Tibouchina urvilleana**	TibUrvUrv			HAVO	Highway 11	Highway 11	24	both	Keali'i Bio	Linda Pratt	17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Tibouchina urvilleana**	TibUrvUrv			HAVO	Highway 11	Highway 11	25	both	Keali'i Bio	Linda Pratt	17-May-01	267829	2151333	UTM Zone 5 NAD 83	1029	3376
Tibouchina urvilleana**	TibUrvUrv			HAVO	Highway 11	Highway 11	26	both	Keali'i Bio	Linda Pratt	17-May-01	266494	2150449	UTM Zone 5 NAD 83	1098	3602
Tibouchina urvilleana**	TibUrvUrv			HAVO	Highway 11	Highway 11	27	both	Keali'i Bio	Linda Pratt	17-May-01	265289	2149373	UTM Zone 5 NAD 83	1145	3757
Tibouchina urvilleana**	TibUrvUrv			HAVO	Wright Rd	Wright Rd	0	both	Keali'i Bio	Linda Pratt	06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Tibouchina urvilleana**	TibUrvUrv			HAVO	Wright Rd	Wright Rd	1	both	Keali'i Bio	Linda Pratt	06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Tibouchina urvilleana**	TibUrvUrv			Residential	Mauna Loa Estates	10th			Keali'i Bio	Linda Pratt	05-Aug-03	267706	2149734	UTM Zone 5 NAD 83	1070	3510
Tibouchina urvilleana**	TibUrvUrv			Residential	Mauna Loa Estates	13th			Keali'i Bio	Linda Pratt	05-Aug-03	267308	2148966	UTM Zone 5 NAD 83	1095	3593
Tibouchina urvilleana**	TibUrvUrv			Residential	Mauna Loa Estates	1st			Keali'i Bio	Linda Pratt	12-Aug-03	266167	2150096	UTM Zone 5 NAD 83	1117	3665
Tibouchina urvilleana**	TibUrvUrv			Residential	Mauna Loa Estates	2nd			Keali'i Bio	Linda Pratt	12-Aug-03	267113	2150594	UTM Zone 5 NAD 83	1077	3533
Tibouchina urvilleana**	TibUrvUrv			Residential	Mauna Loa Estates	3rd			Keali'i Bio	Linda Pratt	12-Aug-03	266174	2149775	UTM Zone 5 NAD 83	1122	3681
Tibouchina urvilleana**	TibUrvUrv			Residential	Mauna Loa Estates	4th			Keali'i Bio	Linda Pratt	12-Aug-03	267267	2150381	UTM Zone 5 NAD 83	1074	3524
Tibouchina urvilleana**	TibUrvUrv			Residential	Mauna Loa Estates	5th			Keali'i Bio	Linda Pratt	12-Aug-03	266327	2149568	UTM Zone 5 NAD 83	1120	3675
Tibouchina urvilleana**	TibUrvUrv			Residential	Mauna Loa Estates	6th			Keali'i Bio	Linda Pratt	12-Aug-03	267422	2150179	UTM Zone 5 NAD 83	1063	3488
Tibouchina urvilleana**	TibUrvUrv			Residential	Mauna Loa Estates	7th			Keali'i Bio	Linda Pratt	12-Aug-03	266470	2149349	UTM Zone 5 NAD 83	1121	3678
Tibouchina urvilleana**	TibUrvUrv			Residential	Mauna Loa Estates	8th			Keali'i Bio	Linda Pratt	12-Aug-03	266498	2149211	UTM Zone 5 NAD 83	1123	3684
Tibouchina urvilleana**	TibUrvUrv			Residential	Mauna Loa Estates	Jade			Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Tibouchina urvilleana**	TibUrvUrv			Residential	Mauna Loa Estates	Pearl			Keali'i Bio	Linda Pratt	05-Aug-03	267039	2149092	UTM Zone 5 NAD 83	1108	3635
Tibouchina urvilleana**	TibUrvUrv			Residential	Volcano Village	Elepaio			Keali'i Bio	Linda Pratt	05-Aug-03	264484	2151364	UTM Zone 5 NAD 83	1170	3839
Tibouchina urvilleana**	TibUrvUrv			Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	265443	2149531	UTM Zone 5 NAD 83	1143	3750
Tibouchina urvilleana**	TibUrvUrv			Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264300	2151658	UTM Zone 5 NAD 83	1172	3845
Tibouchina urvilleana**	TibUrvUrv			Residential	Volcano Village	I'wi Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264207	2150551	UTM Zone 5 NAD 83	1180	3871
Tibouchina urvilleana**	TibUrvUrv			Residential	Volcano Village	I'wi Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264670	2149864	UTM Zone 5 NAD 83	1161	3809
Tibouchina urvilleana**	TibUrvUrv			Residential	Volcano Village	Kalani Honua			Keali'i Bio	Linda Pratt	05-Aug-03	265018	2150400	UTM Zone 5 NAD 83	1142	3747
Tibouchina urvilleana**	TibUrvUrv			Residential	Volcano Village	Kalani Honua			Keali'i Bio	Linda Pratt	05-Aug-03	264556	2150447	UTM Zone 5 NAD 83	1165	3822
Tibouchina urvilleana**	TibUrvUrv			Residential	Volcano Village	Kalanikoa			Keali'i Bio	Linda Pratt	05-Aug-03	264726	2149897	UTM Zone 5 NAD 83	1160	3806
Tibouchina urvilleana**	TibUrvUrv			Residential	Volcano Village	Keonelehua			Keali'i Bio	Linda Pratt	05-Aug-03	265525	2150832	UTM Zone 5 NAD 83	1138	3734
Tibouchina urvilleana**	TibUrvUrv			Residential	Volcano Village	Kilauea			Keali'i Bio	Linda Pratt	05-Aug-03	265390	2150283	UTM Zone 5 NAD 83	1134	3720
Tibouchina urvilleana**	TibUrvUrv			Residential	Volcano Village	Kilauea			Keali'i Bio	Linda Pratt	05-Aug-03	264649	2149873	UTM Zone 5 NAD 83	1162	3812

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Tibouchina urvilleana**	TibUrvUrv			Residential	Volcano Village	Laukapu			Keali'i Bio	Linda Pratt	05-Aug-03	265865	2151504	UTM Zone 5 NAD 83	1117	3665
Tibouchina urvilleana**	TibUrvUrv			Residential	Volcano Village	Laukapu			Keali'i Bio	Linda Pratt	05-Aug-03	265110	2151069	UTM Zone 5 NAD 83	1145	3757
Tibouchina urvilleana**	TibUrvUrv			Residential	Volcano Village	Old Volcano Hwy			Keali'i Bio	Linda Pratt	05-Aug-03	264660	2149194	UTM Zone 5 NAD 83	1164	3819
Tibouchina urvilleana**	TibUrvUrv			Residential	Volcano Village	Old Volcano Hwy			Keali'i Bio	Linda Pratt	05-Aug-03	265216	2149679	UTM Zone 5 NAD 83	1143	3750
Tibouchina urvilleana**	TibUrvUrv			Residential	Volcano Village	Old Volcano Hwy			Keali'i Bio	Linda Pratt	05-Aug-03	265876	2150043	UTM Zone 5 NAD 83	1127	3698
Tibouchina urvilleana**	TibUrvUrv			Residential	Volcano Village	Road B			Keali'i Bio	Linda Pratt	05-Aug-03	265452	2151277	UTM Zone 5 NAD 83	1135	3724
Tibouchina urvilleana**	TibUrvUrv			Residential	Volcano Village	Road C			Keali'i Bio	Linda Pratt	05-Aug-03	265199	2151994	UTM Zone 5 NAD 83	1137	3730
Tibouchina urvilleana**	TibUrvUrv			Residential	Volcano Village	Road E			Keali'i Bio	Linda Pratt	05-Aug-03	265470	2152152	UTM Zone 5 NAD 83	1129	3704
Tithonia diversifolia	TitDiv		Y	HAVO	Highway 11	Highway 11	65	both	Keali'i Bio	Laura Nelson	16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Tithonia diversifolia	TitDiv		Y	HAVO	Highway 11	Highway 11	66	makai	Keali'i Bio		16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Tithonia diversifolia	TitDiv		Y	HAVO	Highway 11	Highway 11	74	left	Laura Nelson		02-Apr-02	213016	2110579	UTM Zone 5 NAD 83	596	1955
Toona ciliata	TooCil		Y	East of HAVO	Stainback Highway	Stainback Highway	10	both	Keali'i Bio	Linda Pratt	24-Jan-05	271239	2166177	UTM Zone 5 NAD 83	793	2602
Toona ciliata	TooCil		Y	HAVO	Highway 11	Highway 11	69	right	Keali'i Bio		03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Toona ciliata	TooCil		Y	HAVO	Highway 11	Highway 11	81	both	Keali'i Bio	Laura Nelson	20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Toona ciliata	TooCil		Y	HAVO	Wright Rd	Wright Rd	4	right	Keali'i Bio		06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Tree sp. 2, unidentified	TreeSp2			HAVO	Highway 11	Highway 11	49	both	Keali'i Bio		04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Trema orientalis	TreOri			East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Trema orientalis	TreOri			East of HAVO	Highway 130	Highway 130	12	both	Keali'i Bio	Linda Pratt	19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Trema orientalis	TreOri			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Trema orientalis	TreOri			East of HAVO	Highway 130	Highway 130	14	left	Linda Pratt		19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Trema orientalis	TreOri			East of HAVO	Highway 130	Highway 130	15	right	Keali'i Bio		19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Trema orientalis	TreOri			East of HAVO	Highway 130	Highway 130	16	both	Keali'i Bio	Linda Pratt	19-May-05	295434	2149172	UTM Zone 5 NAD 83	268	879
Trema orientalis	TreOri			East of HAVO	Highway 130	Highway 130	17	right	Keali'i Bio		19-May-05	294944	2147631	UTM Zone 5 NAD 83	231	758
Trema orientalis	TreOri			East of HAVO	Highway 130	Highway 130	18	right	Keali'i Bio	Chelsie Javar	16-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Trema orientalis	TreOri			East of HAVO	Highway 130	Highway 130	19	right	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Trema orientalis	TreOri			East of HAVO	Highway 130	Highway 130	20	left	Chelsie Javar	Keali'i Bio	20-Jun-05	293650	2143116	UTM Zone 5 NAD 83	35	115
Trema orientalis	TreOri			HAVO	Chain of Craters Rd	Chain of Craters Rd	3	both	Keali'i Bio	Linda Pratt	31-May-01	265912	2143452	UTM Zone 5 NAD 83	1002	3287
Trema orientalis	TreOri			HAVO	Highway 11	Highway 11	49	both	Keali'i Bio	Robert Yamanoha	04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Trema orientalis	TreOri			HAVO	Highway 11	Highway 11	66	makai	Keali'i Bio		16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Trema orientalis	TreOri			HAVO	Highway 11	Highway 11	70	left	Laura Nelson		03-Apr-02	219010	2109674	UTM Zone 5 NAD 83	607	1991
Trema orientalis	TreOri			HAVO	Highway 11	Highway 11	74	right	Keali'i Bio		02-Apr-02	213016	2110579	UTM Zone 5 NAD 83	596	1955
Trema orientalis	TreOri			HAVO	Highway 11	Highway 11	78	left	Laura Nelson		02-Apr-02	207067	2112844	UTM Zone 5 NAD 83	596	1955
Trema orientalis	TreOri			HAVO	Highway 11	Highway 11	81	makai	Laura Nelson		20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Trema orientalis	TreOri			Residential	Mauna Loa Estates	8th			Keali'i Bio	Linda Pratt	12-Aug-03	266498	2149211	UTM Zone 5 NAD 83	1123	3684
Tropaeolum majus	TroMaj			HAVO	Highway 11	Highway 11	23	makai	Keali'i Bio		17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Tropaeolum majus	TroMaj			HAVO	Highway 11	Highway 11	24	mauka	Linda Pratt		17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Tropaeolum majus	TroMaj			HAVO	Highway 11	Highway 11	66	both	Keali'i Bio	Laura Nelson	16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Tropaeolum majus	TroMaj			HAVO	Wright Rd	Wright Rd	0	left	Linda Pratt		06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Tropaeolum majus	TroMaj			HAVO	Wright Rd	Wright Rd	1	right	Keali'i Bio		06-Oct-03	265189	2151458	UTM Zone 5 NAD 83	1142	3747
Tropaeolum majus	TroMaj			HAVO	Wright Rd	Wright Rd	3	both	Keali'i Bio	Linda Pratt	06-Oct-03	263412	2153562	UTM Zone 5 NAD 83	1187	3894
Tropaeolum majus	TroMaj			HAVO	Wright Rd	Wright Rd	4	both	Keali'i Bio	Linda Pratt	06-Oct-03	262560	2154715	UTM Zone 5 NAD 83	1237	4058
Tropaeolum majus	TroMaj			Residential	Mauna Loa Estates	10th			Keali'i Bio	Linda Pratt	05-Aug-03	267706	2149734	UTM Zone 5 NAD 83	1070	3510
Tropaeolum majus	TroMaj			Residential	Mauna Loa Estates	1st			Keali'i Bio	Linda Pratt	12-Aug-03	266167	2150096	UTM Zone 5 NAD 83	1117	3665
Tropaeolum majus	TroMaj			Residential	Mauna Loa Estates	2nd			Keali'i Bio	Linda Pratt	12-Aug-03	267113	2150594	UTM Zone 5 NAD 83	1077	3533
Tropaeolum majus	TroMaj			Residential	Mauna Loa Estates	8th			Keali'i Bio	Linda Pratt	12-Aug-03	266498	2149211	UTM Zone 5 NAD 83	1123	3684
Tropaeolum majus	TroMaj			Residential	Mauna Loa Estates	Jade			Keali'i Bio	Linda Pratt	05-Aug-03	266756	2150520	UTM Zone 5 NAD 83	1089	3573
Tropaeolum majus	TroMaj			Residential	Volcano Golf Course	Kaohelo			Keali'i Bio	Linda Pratt	12-Aug-03	260961	2151805	UTM Zone 5 NAD 83	1228	4029
Tropaeolum majus	TroMaj			Residential	Volcano Golf Course	Kolokea			Keali'i Bio	Linda Pratt	12-Aug-03	260806	2152014	UTM Zone 5 NAD 83	1227	4026
Tropaeolum majus	TroMaj			Residential	Volcano Golf Course	Painiu			Keali'i Bio	Linda Pratt	12-Aug-03	260928	2151431	UTM Zone 5 NAD 83	1226	4022
Tropaeolum majus	TroMaj			Residential	Volcano Golf Course	Pukiawe Circle E			Keali'i Bio	Linda Pratt	12-Aug-03	260735	2151256	UTM Zone 5 NAD 83	1223	4012
Tropaeolum majus	TroMaj			Residential	Volcano Golf Course	Pukiawe Circle W			Keali'i Bio	Linda Pratt	12-Aug-03	260379	2151269	UTM Zone 5 NAD 83	1219	3999

Survey of roadside alien plants in Hawai'i Volcanoes National Park and adjacent residential areas 2001–2005

Tropaeolum majus	TroMaj			Residential	Volcano Village	Elepaio			Keali'i Bio	Linda Pratt	05-Aug-03	264484	2151364	UTM Zone 5 NAD 83	1170	3839
Tropaeolum majus	TroMaj			Residential	Volcano Village	Haunani Rd.			Keali'i Bio	Linda Pratt	05-Aug-03	264690	2150983	UTM Zone 5 NAD 83	1158	3799
Tropaeolum majus	TroMaj			Residential	Volcano Village	Kilauea			Keali'i Bio	Linda Pratt	05-Aug-03	265390	2150283	UTM Zone 5 NAD 83	1134	3720
Tropaeolum majus	TroMaj			Residential	Volcano Village	Road B			Keali'i Bio	Linda Pratt	05-Aug-03	265452	2151277	UTM Zone 5 NAD 83	1135	3724
Urochloa mutica	UroMut			East of HAVO	Highway 130	Highway 130	11	both	Keali'i Bio	Linda Pratt	19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Urochloa mutica	UroMut			East of HAVO	Highway 130	Highway 130	12	right	Keali'i Bio		19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Urochloa mutica	UroMut			East of HAVO	Highway 130	Highway 130	13	both	Keali'i Bio	Linda Pratt	19-May-05	296241	2153860	UTM Zone 5 NAD 83	275	902
Urochloa mutica	UroMut			East of HAVO	Highway 130	Highway 130	14	left	Linda Pratt		19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017
Urochloa mutica	UroMut			East of HAVO	Highway 130	Highway 130	15	right	Keali'i Bio		19-May-05	295926	2150684	UTM Zone 5 NAD 83	315	1033
Urochloa mutica	UroMut			HAVO	Crater Rim Rd	Crater Rim Rd	0	both	Linda Pratt	Keali'i Bio	23-Jul-01	263427	2149845	UTM Zone 5 NAD 83	1202	3944
Urochloa mutica	UroMut			HAVO	Highway 11	Highway 11	23	both	Keali'i Bio	Linda Pratt	17-May-01	270816	2152407	UTM Zone 5 NAD 83	871	2858
Urochloa mutica	UroMut			HAVO	Highway 11	Highway 11	24	mauka	Linda Pratt		17-May-01	269256	2152070	UTM Zone 5 NAD 83	946	3104
Urochloa mutica	UroMut			HAVO	Highway 11	Highway 11	49	makai	Robert Yamanoha		04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Urochloa mutica	UroMut			HAVO	Highway 11	Highway 11	65	makai	Keali'i Bio		16-May-02	226128	2109719	UTM Zone 5 NAD 83	292	958
Urochloa mutica	UroMut			HAVO	Highway 11	Highway 11	66	makai	Keali'i Bio		16-May-02	224806	2110310	UTM Zone 5 NAD 83	337	1106
Urochloa mutica	UroMut			HAVO	Highway 11	Highway 11	67	both	Keali'i Bio	Laura Nelson	16-May-02	223571	2109776	UTM Zone 5 NAD 83	441	1447
Urochloa mutica	UroMut			HAVO	Highway 11	Highway 11	68	right	Keali'i Bio		03-Apr-02	222181	2109843	UTM Zone 5 NAD 83	543	1781
Urochloa mutica	UroMut			HAVO	Highway 11	Highway 11	69	right	Keali'i Bio		03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Urochloa mutica	UroMut			HAVO	Highway 11	Highway 11	81	mauka	Keali'i Bio		20-Mar-02	202909	2115106	UTM Zone 5 NAD 83	545	1788
Urochloa mutica	UroMut			HAVO	Wright Rd	Wright Rd	0	right	Keali'i Bio		06-Oct-03	266020	2150042	UTM Zone 5 NAD 83	1121	3678
Urochloa plantaginea	UroPla			Y East of HAVO	Highway 130	Highway 130	12	left	Linda Pratt		19-May-05	296270	2155466	UTM Zone 5 NAD 83	218	715
Urochloa plantaginea	UroPla			Y East of HAVO	Highway 130	Highway 130	19	right	Keali'i Bio	Chelsie Javar	16-Jun-05	294324	2144543	UTM Zone 5 NAD 83	84	276
Urochloa plantaginea	UroPla			Y HAVO	Highway 11	Highway 11	49	mauka	Keali'i Bio		04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Urochloa sp.	UroSp			East of HAVO	Highway 130	Highway 130	11	left	Linda Pratt		19-May-05	296070	2157058	UTM Zone 5 NAD 83	184	604
Urochloa sp.	UroSp			HAVO	Highway 11	Highway 11	49	mauka	Keali'i Bio		04-Jun-01	241873	2128130	UTM Zone 5 NAD 83	406	1332
Verbascum thapsus**	VerTha			HAVO	Highway 11	Highway 11	79	makai	Laura Nelson		20-Mar-02	205637	2113569	UTM Zone 5 NAD 83	590	1936
Verbascum thapsus**	VerTha			HAVO	Mauna Loa Rd	Mauna Loa Rd	5	both	Linda Pratt		20-Jun-01	254743	2152431	UTM Zone 5 NAD 83	1429	4688
Verbascum virgatum	VerVir			HAVO	Highway 11	Highway 11	69	left	Laura Nelson		03-Apr-02	220595	2109630	UTM Zone 5 NAD 83	586	1923
Vine, unidentified	VineSp			East of HAVO	Highway 130	Highway 130	18	left	Chelsie Javar	Keali'i Bio	20-Jun-05	294579	2146013	UTM Zone 5 NAD 83	166	545
Wisteria sp.	WisSp			East of HAVO	Highway 130	Highway 130	14	left	Linda Pratt		19-May-05	296232	2152260	UTM Zone 5 NAD 83	310	1017