Terrestrial flora and vegetation of the Western Australian wheatbelt

N. Gibson, G.J. Keighery, M.N. Lyons and A. Webb

Appendix 1: Soil attributes of quadrats sampled

Appendix 2: Location and climate estimates of quadrats sampled

Appendix 3: List of species and codes

Appendix 4: Terrestrial flora data set

Appendix 5: Spearman rank intercorrelations between physical attributes of quadrats

Appendix 1. Soil attributes for 682 quadrats. EC, electrical conductivity (mS m-1); pH, pH; OrgC, organic carbon (%); NTOT, total nitrogen (ppm); PTOT, total phosphorus (ppm); Pav, (HCO3) available phosphorus (ppm); Kav, (HCO3) available potassium (ppm); Mg, exchangeable magnesium (me%); Ca, exchangeable calcium (me%); Na, exchangeable sodium (me%); Clay, % clay; Silt, % silt; Sand, % sand; Stype, soil type (1-deep sand; 2-laterite; 3-siltstone; 4-duplex; 5-granite); Sdep, soil depth class to impeding layer(1,< 10cm; 2, 11-20 cm; 3, 21-30 cm; 4, 31-40 cm; 5, 41-50 cm; 6, 51-60 cm; 7, 61-70 cm; 8, 71-80 cm; 9, > 80 cm).

Quadrat	EC	pH	OrgC	NTOT	PTOT	Pav	Kav	Mg	Ca	K	Clay	Silt	Sand	Stype	Sdep
BE01	2	5.4	0.65	0.02	31	0.2	36	0.15	0.3	0.07	2.8	2.4	94.8	1	9
BE02	3	6.4	0.82	0.05	68	0.2	120	1.14	2.83	0.24	3.2	4.7	92.1	2	1
BE03	2	5.9	1.09	0.07	240	0.2	180	0.34	1.95	0.3	1.3	3.9	94.9	5	4
BE04	4	6.1	0.77	0.06	110	3	230	1.42	2.71	0.49	4.1	4.3	91.6	5	4
BE05	16	8.3	1.84	0.14	140	16	550	2.13	12.5	1.72	1.2	3.5	95.3	4	4
BE06	670	7.1	1.15	0.07	240	5	860	3.25	11.1	2.04	1.6	6.9	91.5	4	3
BE07	4	6.4	0.58	0.04	77	0.2	84	0.36	1.57	0.13	2.8	2.4	94.8	5	5
BE08	6	6.7	0.77	0.06	82	2	210	2.03	3.92	0.5	5.2	4	90.8	4	1
BE09	5	5.3	0.74	0.04	81	0.2	57	0.14	0.63	0.09	2.9	1.7	95.4	1	9
BE12	5	6.2	0.84	0.05	66	2	140	0.6	2.17	0.28	2.8	2.5	94.7	5	2
BE13	5	7.1	1.43	0.1	100	7	450	3.38	6.58	1.15	2.3	5	92.7	4	2
BE14	14	6.5	1.31	0.07	63	5	150	0.97	3.94	0.32	1.3	2.1	96.7	1	9
BE15	4	7.1	1.13	0.08	76	2	210	1.76	4.96	0.53	3.3	3.2	93.5	5	5
BE17	7	5.5	1.29	0.07	48	2	59	0.42	2.27	0.12	2.4	1.7	95.9	1	9
BE18	12	6.3	2.68	0.15	160	5	290	0.25	0.67	0.11	3.3	3.8	92.9	2	2
BE19	20	5.1	0.59	0.03	42	0.2	64	0.24	0.71	0.11	2.8	2.5	94.7	5	2
DA01	8	6.3	4.19	0.19	160	3	170	1.45	9.33	0.37	9.6	2.9	87.5	4	1
DA02	1600	6.2	3.65	0.18	97	3	100	11.9	5.19	0.1	2.7	6.3	91.1	4	3
DA03	6	5.7	1.44	0.07	44	2	65	0.64	1.2	0.12	2.8	2.5	94.7	4	4
DA04	8	6	4.93	0.15	88	6	110	1.5	6.37	0.21	1.8	2.5	95.7	2	4
DA05	14	5.9	1.34	0.07	52	2	75	0.94	1.23	0.17	2.8	1.8	95.4	4	1
DA06	7	6.3	2.82	0.13	91	3	120	1.06	5.33	0.23	2.8	1.5	95.7	2	1
DA08	3	5.9	1.42	0.04	29	2	31	0.45	1.93	0.08	2.2	1.7	96.1	2	2
DA09	6	5.5	2.04	0.08	44	0.2	61	0.59	1.9	0.13	2.8	2.5	94.7	4	1
DA10	4	6	4.75	0.13	96	2	82	1.69	7.09	0.14	1.9	2.9	95.2	2	3
DA11	4	6.2	2.54	0.12	73	0.2	130	0.77	3.86	0.28	1.7	2.4	95.9	5	2
DA12	5	5.2	2.4	0.06	30	2	29	0.78	3.19	0.06	2.3	0.8	96.9	1	9
DA13	8	6.1	3.47	0.23	120	2	220	1.32	12.1	0.41	3.7	4.2	92.2	4	2
DA14	10	4.9	5.99	0.35	170	7	73	0.54	0.71	0.1	3.8	9.5	86.7	5	2
DA15	23	5.4	2.38	0.1	62	2	94	1.34	3.22	0.16	2.5	3.7	93.8	2	2
DA16	25	5.8	1.4	0.06	42	2	34	1.31	1.42	0.06	2.2	2.3	95.6	4	1
DA17	5	5.5	2.11	0.06	25	2	34	0.76	4.29	0.06	2.3	0.8	96.9	1	9
DA19	52	6	11.1	0.28	170	7	390	6.41	13.9	0.63	2.1	4.8	93.1	4	2
DA22	3	5.8	1.17	0.05	22	0.2	29	0.31	1.54	0.07	1.8	0.9	97.2	1	9
DA23	7	5.7	2.97	0.1	62	2	110	1.4	4.36	0.24	3.6	2.3	94	2	2
DA24	230	6.5	4.14	0.18	110	4	350	13.2	11.2	0.53	5.9	1.5	92.7	4	1
DA25	10	5.3	2.67	0.09	41	3	48	1.22	4.3	0.12	16.6	7.5	75.9	1	9
DA26	8	5.7	1.52	0.06	40	2	110	1.32	2.68	0.18	5.8	2.5	91.7	4	1
DA27	8	6	0.82	0.05	40	2	160	2.37	1.45	0.28	19.6	4.6	75.8	4	1
DN01	4	5.7	0.42	0.02	10	3	67	0.13	0.23	0.14	2.3	0.8	96.9	4	4
DN02	5	5.6	0.85	0.05	26	3	73	0.2	0.59	0.16	3.1	4.6	92.3	2	1
DN03	4	6.1	0.54	0.02	20	2	48	0.22	0.94	0.09	1.8	2	96.3	1	9
DN04	11	6.5	1.51	0.08	52	4	180	2.05	4.24	0.39	2.7	2.2	95.2	1	9
DN05	2	6.1	0.56	0.02	12	0.2	20	0.11	0.81	0.02	1.1	1.3	97.6	1	9
DN06	13	7.4	1.11	0.07	89	6	200	0.99	5.1	0.5	5.7	3.7	90.7	4	1
DN08	2	6.3	0.34	0.01	11	0.2	14	0	0.46	0	2.9	1	96.1	1	2
DN09	3	5.8	0.95	0.02	14	5	24	0.24	1.71	0.04	1.9	1.5	96.7	4	7
DN10	3	6	0.74	0.02	1	0.2	27	0.25	1.47	0.06	1.3	1.1	97.6	1	9
DN11	2	5.9	0.57	0.02	1	0.2	1	0	0.56	0	2.9	0.7	96.4	1	9
DN12	2	5.8	0.56	0.02	12	0.2	1	0	0.53	0	2.7	1.4	95.9	1	9
DU01	7	5.2	3.41	0.15	67	4	110	1.06	2.68	0.22	1.4	3	95.6	5	4
DU02	5	5.5	2.15	0.1	86	2	98	0.91	2.76	0.18	2.9	2.9	94.2	5	3
DU03	4	6	2.8	0.1	61	2	76	0.82	3.52	0.16	2.8	2.1	95.1	4	2
DU04	7	5.5	1.24	0.04	26	2	26	0.28	1.34	0.06	1.5	0.7	97.9	1	9
DU06	130	5.7	1.81	0.1	79	2	120	12.5	10.1	0.53	1.2	3.5	95.3	4	2
DU07	210	6.2	1.47	0.08	60	3	95	5.57	4.69	0.2	5.2	2.9	94.8	4	2
DU09	12	5.8	1.76	0.06	41	2	63	1.26	2.94	0.14	4.5	3.1	92.4	4	1

Quadrat	EC	pH	OrgC	NTOT	PTOT	Pav	Kav	Mg	Ca	K	Clay	Silt	Sand	Stype	Sdep
DU10	56	6.2	3.64	0.18	290	27	450	6.32	11.4	0.75	11.1	4.8	84.1	4	1
DU11	11	6.5	3.69	0.12	72	3	310	2.49	9.79	0.6	4.9	2.2	92.9	2	2
DU12	2	5.9	0.95	0.03	28	0.2	100	0.19	0.84	0.04	6.6	1.2	92.2	1	9
DU14	37	5.5	7.49	0.18	84	5	260	3.04	4.1	0.43	3.8	2.4	93.8	4	3
DU15	6	6.4	3.32	0.14	120	6	220	1.53	7.57	0.36	7.5	2.4	90.1	4	2
DU16	11	6	3.26	0.14	110	7	180	1.92	7.36	0.34	6.7	1.7	91.5	2	2
DU17	14	5.9	2.82	0.12	92	6	150	2.16	5.64	0.28	3	2.1	94.9	4	1
DU18	92	6.2	2.34	0.1	64	2	200	5.78	4.79	0.34	3.9	1.9	94.3	4	2
DU19	4	5.4	0.9	0.03	17	0.2	17	0.2	1.14	0.03	6.4	1.1	92.5	1	9
DU20	36	6.7	1.59	0.08	62	4	130	5.6	4.13	0.27	24	2.5	73.6	4	2
DU21	4	5.8	1.03	0.04	30	2	28	0.29	1.34	0.06	9.2	1	89.9	1	9
DU24	6	6.1	3.07	0.12	72	2	150	1.59	3.42	0.31	10.9	4.5	84.6	2	1
DU25	4	5.6	1.45	0.05	31	2	34	0.35	1.5	0.08	9.9	0.6	89.5	2	4
ES01	3	5.5	0.71	0.03	1	2	18	0.17	0.78	0.02	2.3	0.8	96.9	1	9
ES02	4	5.8	0.46	0.03	1	0.2	68	0.27	0.49	0.13	1.7	2	96.3	2	3
ES05	4	6	0.87	0.03	10	2	65	0.6	1.34	0.12	1.7	2.1	96.2	4	1
ES07	3	5.9	0.59	0.03	17	2	68	0.43	1.09	0.12	1.6	2.6	95.8	2	1
ES08	4	6.3	0.93	0.04	11	2	75	0.78	2	0.17	1	2.4	96.6	5	1
ES09	4	5.9	0.86	0.03	1	3	46	0.28	1.04	0.07	1.7	1.9	96.5	4	2
ES11	4	5.5	2.99	0.14	80	2	23	0.22	0.61	0.04	1.8	1.4	96.8	1	9
ES14	7	6	1.38	0.08	79	3	97	0.71	1.2	0.17	2.3	2.5	95.2	5	2
ES15	9	6	2.7	0.18	83	2	260	1.7	5.5	0.45	3.7	2.4	93.9	5	2
ES16	5	6.6	2.25	0.1	80	3	260	2.72	4.95	0.54	1.4	4.7	93.9	4	1
ES17	2	6	0.76	0.04	26	0.2	140	0.97	1.76	0.24	2.7	3.6	93.8	2	2
ES18	36	8	1.08	0.04	20	2	230	2.49	4.28	0.51	2.2	2.8	95	4	1
ES19	3	5.7	0.84	0.02	10	2	22	0.27	0.91	0.06	0.6	1.6	97.8	2	2
ES20	9	6.3	2.36	0.06	61	2	150	1.15	2.98	0.34	2.7	1.8	95.5	1	9
ES21	10	6	2.39	0.04	35	0.2	160	1.33	2.91	0.29	4.3	0.8	94.9	1	9
ES22	2	6.4	0.7	0.03	26	0.2	140	1	2.04	0.25	2.1	4.5	93.4	2	2
ES23	25	7.8	1.91	0.08	35	2	320	3.64	8.25	0.78	2.3	4.6	93	4	2
ES24	6	6.9	1.9	0.05	35	2	170	2.36	5.07	0.44	4.3	5.9	89.8	4	2
GP01	4	6.2	0.84	0.03	11	0.2	56	0.39	1.39	0.12	2.1	2.5	95.4	2	2
GP02	4	6.2	1.27	0.07	28	0.2	150	0.59	1.78	0.3	2.5	3.7	93.8	5	2
GP03	29	8.4	2.02	0.09	42	2	500	3.19	10.7	1.84	2.9	5.6	91.5	4	2
GP04	10	7.2	1.79	0.07	68	2	230	1.43	6.73	0.55	1.8	2.2	96	1	9
GP06	3	5.8	0.46	0.02	1	0.2	24	0.17	1.2	0.05	1.8	1.7	96.6	1	9
GP07	380	6.9	1.81	0.1	170	6	460	8.31	1.68	1.39	5.4	6.7	87.9	4	1
GP08	7	7.6	1.2	0.04	13	0.2	71	0.98	4.22	0.15	1.1	2.5	96.4	4	2
GP09	24	8	1.1	0.04	17	0.2	170	1.54	2.9	0.36	2	3.3	94.7	4	3
GP10	20	7.9	1.09	0.05	23	3	290	2.57	17.2	0.79	4.4	5.1	90.4	4	2
GP12	4	6.4	0.97	0.04	12	0.2	59	0.81	2.56	0.1	3.2	1.5	95.4	4	1
GP13	4	5.6	0.67	0.03	14	2	65	0.42	1.11	0.11	2.7	2.2	95.2	2	2
GP14	6	6.4	0.96	0.04	25	2	58	0.35	1.8	0.12	1.7	1.4	96.9	4	5
GP15	33	8.1	1.49	0.1	64	4	340	1.74	8.08	0.77	2.2	2.1	95.7	1	9
GP16	120	8.5	2.86	0.21	92	6	710	8.26	14.8	2.23	2.3	4.1	93.6	4	4
GP17	250	8.4	4.2	0.28	140	14	1100	9.4	13.3	2.46	3.4	3.6	93	4	4
GP18	6	6.5	1.57	0.05	33	2	120	1.81	2.36	0.32	3	4.4	92.6	2	1
GP19	8	6	1.68	0.11	83	2	100	0.94	1.48	0.18	3.6	3.5	93	5	1
GP20	7	7	2.26	0.08	35	2	180	2.52	6.98	0.46	1.5	2.8	95.7	4	2
GP21	2	5.8	0.69	0.02	12	0.2	20	0.18	0.88	0.04	1.3	1.1	97.6	1	9
GP22	1	6.2	0.45	0.02	11	0.2	26	0.06	0.5	0.03	1.7	1.8	96.5	2	2
GP23	10	6.2	2.23	0.09	58	5	87	2.31	3.63	0.15	4.2	2.3	93.5	4	2
GP24	2	6.4	0.99	0.04	25	0.2	100	0.7	2.21	0.15	2.5	3.7	93.8	2	2
GP25	5	7.5	1.03	0.06	37	2	170	2.37	6.64	0.39	0.2	2.2	97.6	4	2
HY01	4	6.3	1.25	0.04	46	2	73	0.87	2.26	0.12	1.3	2.4	96.4	4	2
HY03	15	6.5	2.1	0.09	84	4	290	4.5	5.29	0.61	0.3	1.8	98	4	2
HY04	4	6.1	0.99	0.03	17	0.2	120	0.66	1.19	0.24	1.2	2.3	96.6	2	1
HY05	5	6.2	1.63	0.05	22	0.2	78	0.72	3.68	0.15	2.7	3.3	94	2	3
HY06	2	6.1	0.69	0.03	10	0.2	35	0.21	1.03	0.05	3.2	4.3	92.5	1	9
HY07	2	6.1	0.43	0.02	18	0.2	32	0.11	0.75	0.03	1.2	1.5	97.2	1	1
HY09	5	5.7	0.53	0.02	14	0.2	73	0.49	0.91	0.15	2.7	2.5	94.8	1	9
HY10	13	6.2	1.64	0.1	80	2	150	0.98	5.21	0.34	1.8	1.7	96.4	5	4
HY12	29	7.4	2.08	0.12	110	5	540	5.01	8	1.53	2.1	3.9	94.1	4	3
HY13	18	6.4	0.85	0.03	28	0.2	88	1.18	2.77	0.22	2.8	2.6	94.5	4	2
HY14	19	6.5	0.67	0.03	27	2	120	0.95	3.84	0.31	4.7	3.3	92.1	2	3

Quadrat	EC	pH	OrgC	NTOT	PTOT	Pav	Kav	Mg	Ca	K	Clay	Silt	Sand	Stype	Sdep
HY15	21	6.8	2.25	0.08	37	3	160	3.74	5.59	0.31	4.9	2.9	92.2	4	2
HY16	13	6.6	1.94	0.08	74	5	240	3.54	5.27	0.64	4.3	3.8	91.9	4	2
HY17	4	5.7	0.5	0.02	20	0.2	52	0.21	0.56	0.11	2.9	2.9	94.3	2	2
HY18	10	6.6	0.99	0.05	50	0.2	77	0.64	3.46	0.19	1.2	3.1	95.7	5	7
HY19	69	5.8	2.52	0.07	46	0.2	100	2.95	1.93	0.2	9.8	3.3	86.9	4	1
HY21	37	6.9	2.75	0.12	69	2	470	6.31	8.67	1.31	4.6	5.4	90	4	1
HY22	3	6.1	1.18	0.05	40	0.2	110	0.42	1.7	0.22	2.3	2.3	95.4	2	2
HY23	8	6.6	1.24	0.05	41	3	86	2.29	2.51	0.2	4.3	2.7	92.9	4	1
HY24	33	7.9	2.46	0.12	64	4	300	2.22	13.8	0.74	2.2	2.4	95.4	1	9
HY26	8	5.8	1.2	0.04	29	0.2	71	0.43	1.44	0.08	3.3	1.6	95.1	2	4
HY27	4	6.2	0.7	0.03	18	0.2	96	0.34	0.88	0.18	3.1	2	94.8	2	1
HY28	3	6.2	0.53	0.03	21	0.2	98	0.36	0.85	0.19	3.7	3.1	93.2	2	1
HY29	6	6.7	2.74	0.09	73	2	350	2.98	7.51	0.97	2.5	3.7	93.8	2	1
HY30	4	6.2	1.08	0.04	30	0.2	94	0.5	1.74	0.16	2.6	2.7	94.6	4	1
HY31	3	6.2	1.02	0.04	43	0.2	150	0.52	1.82	0.27	2.6	3.3	94.1	2	2
HY32	4	6.2	0.74	0.04	31	0.2	180	0.98	1.69	0.35	3.7	2.8	93.4	2	4
HY33	3	6.3	0.62	0.03	19	0.2	72	0.22	0.94	0.14	1.7	2.2	96	2	1
HY34	6	6.5	1.21	0.06	72	0.2	150	1.08	3.54	0.44	1.8	2.3	95.9	5	1
HY35	11	6.9	2.65	0.11	97	3	300	4.79	5.17	0.74	4.7	2.4	92.9	4	1
HY36	4	6.4	1.38	0.05	45	0.2	150	0.66	2.87	0.3	3	3.5	93.5	2	3
HY37	15	5.8	2.41	0.08	52	2	150	5.28	6.46	0.54	10.7	2.3	87	4	2
HY38	4	6.4	0.67	0.03	24	0.2	130	0.97	1.51	0.29	3.7	2.8	93.4	2	2
HY39	4	6.1	0.84	0.03	27	2	150	0.99	1.48	0.3	3.6	2.7	93.6	2	1
HY40	4	6.2	0.77	0.03	20	0.2	88	0.41	0.98	0.19	3.6	2.5	93.9	2	2
HY41	16	6.8	3.03	0.14	150	5	280	3.9	9.04	0.75	6.7	2.7	90.6	4	1
HY42	19	7.1	2.74	0.11	66	4	290	4.64	10.4	0.74	3.9	2.7	93.4	4	1
HY43	59	6	4.36	0.13	54	4	280	5.26	9.65	0.55	4.2	1	94.8	4	3
HY44	3	6.3	0.53	0.02	16	0.2	54	0.16	0.67	0.12	1.7	2	96.3	1	9
HY45	4	6.4	1.23	0.05	44	2	150	0.4	1.64	0.31	4.2	4.4	91.3	4	1
HY46	4	6.1	1.12	0.05	35	2	79	0.4	2.26	0.17	4.1	2.5	93.4	5	3
HY47	11	6.8	2.11	0.1	72	3	180	2.3	6.57	0.46	4.3	4.7	91	4	2
HY48	4	6.2	1.09	0.05	34	0.2	140	0.53	1.2	0.24	3.6	3	93.3	2	1
HY49	5	6.8	1.63	0.08	66	2	210	2.55	4.52	0.51	2.8	2.9	94.3	4	1
HY50	3	6.4	1.05	0.04	33	0.2	120	0.37	1.66	0.21	3.6	3.3	93	2	2
HY51	5	6.9	1.01	0.06	43	2	150	0.99	3.72	0.36	3.3	3.4	93.3	5	2
HY52	11	5.9	3.6	0.22	78	3	210	2.12	10.2	0.42	3.9	2.6	93.5	5	2
HY53	35	7.4	3.5	0.19	280	24	580	6.62	17.5	1.56	1.7	2	96.3	4	1
HY54	10	6.2	1.57	0.07	36	3	140	1.5	3.73	0.31	2.9	1.3	95.8	4	3
HY55	3	6.8	0.61	0.03	28	2	84	1.02	2.03	0.23	5.8	2.1	92.1	4	1
HY56	2	6	0.61	0.03	24	0.2	99	0.46	1.22	0.16	2.8	2.3	94.8	2	2
HY57	11	6.4	1	0.03	33	2	120	1.04	2.7	0.2	3.3	1.6	95.1	4	1
HY58	5	6	0.91	0.03	25	0.2	76	0.5	1.65	0.14	2.2	2.1	95.7	2	1
HY59	6	6	0.8	0.05	83	2	120	0.5	4.26	0.2	1.8	1.8	96.4	5	5
HY60	6	6	1.86	0.13	140	3	110	0.47	1.79	0.16	3.7	3.1	93.2	5	1
HY62	10	6.9	0.75	0.03	14	2	74	0.73	3.25	0.21	2.9	1	96.1	4	3
HY63	37	6.1	1.25	0.05	20	2	47	1.41	3.08	0.1	2.8	1.2	96	1	9
HY64	63	8.3	2.49	0.16	100	5	620	4.69	16.3	2.16	2.5	4.8	92.7	4	5
HY66	24	7.4	2.18	0.13	95	5	540	4.64	10.2	1.56	2.2	2.8	95	4	2
HY67	13	7.8	1.59	0.11	140	8	580	3.18	9.07	1.67	4	3.9	92.2	4	1
HY68	4	5.8	0.66	0.04	34	2	120	0.47	1.32	0.25	3.3	2.2	94.5	2	3
HY69	4	6.3	1.36	0.06	41	3	110	0.97	3.95	0.19	4.3	2.5	93.2	4	2
HY72	18	7.9	0.96	0.06	45	2	370	2.38	8.1	1.1	3.2	3	93.8	4	1
HY73	9	6.8	0.69	0.03	25	2	85	0.99	3.26	0.29	4.2	1.8	93.9	4	2
HY74	3	6.2	0.96	0.05	53	2	120	0.74	2.76	0.21	5.2	4.3	90.5	4	2
HY77	8	7.6	1.36	0.09	81	4	480	4.14	7.67	1.58	3.8	3.2	93	4	2
HY78	9	7.7	1.77	0.12	100	4	580	3.48	10.8	1.84	4.1	4.6	91.4	4	1
HY79	3	6.2	0.48	0.03	30	2	120	0.64	1.14	0.23	4.8	1.8	93.4	2	1
HY80	4	6.5	0.8	0.03	49	2	80	1.14	3.32	0.39	3.7	3.1	93.2	4	2
HY81	11	6.4	1.85	0.1	140	6	300	2.66	6.12	0.5	3.7	3	93.3	4	1
HY82	28	6.4	2.54	0.11	59	5	440	5.01	8.72	0.86	4.7	2.1	93.2	4	1
JB01	7	5.3	2.13	0.12	72	3	110	0.72	1.12	0.24	2.2	4.1	93.7	4	2
JB02	10	5.9	2.86	0.13	89	3	120	1.16	5.16	0.25	1.2	3.8	95	5	1
JB05	8	5.6	2.91	0.1	67	4	75	0.95	2.77	0.16	3.3	2.8	93.8	4	1
JB06	6	5.8	1.58	0.09	75	3	160	0.79	2.54	0.33	4.4	3.7	91.9	4	1
JB07	2	6	0.6	0.02	21	0.2	15	0.18	0.91	0.04	0.3	2.1	97.6	1	9

Quadrat	EC	pH	OrgC	NTOT	PTOT	Pav	Kav	Mg	Ca	K	Clay	Silt	Sand	Stype	Sdep
JB08	8	6.3	2.34	0.11	110	4	160	2.07	5.28	0.35	2.4	4.5	93	4	3
JB09	6	5.9	5.49	0.18	83	3	89	1.45	9.15	0.18	2	3.3	94.7	4	2
JB10	7	6	6.53	0.18	190	6	150	2.64	11.1	0.35	1.6	3.6	94.9	2	3
JB11	170	6.3	4.38	0.16	210	5	140	8.9	1.51	0.2	1.8	7.7	90.5	4	2
JB12	2	5.8	0.99	0.02	27	2	23	0.5	1.87	0.06	0.4	1.9	97.7	2	4
JB13	3	6.3	1.32	0.05	47	2	60	0.61	2.44	0.1	0.8	2.3	97	1	9
JB14	19	5.9	9.06	0.23	120	7	300	3.44	10.4	0.48	2	2.1	95.9	4	1
JB15	6	6.1	1.45	0.06	62	4	120	0.54	1.98	0.24	2.3	3	94.7	2	4
JB16	9	5.6	5.96	0.19	90	4	190	1.69	5.87	0.41	2	3.3	94.7	2	2
JB19	10	6.9	1.96	0.09	80	2	120	0.8	4.6	0.27	2.6	2.8	94.6	4	1
JB21	7	6.2	8.36	0.26	190	5	190	2.51	12	0.35	1.5	3.8	94.8	2	1
JB22	83	5.6	8.97	0.3	160	4	360	4.85	7.55	0.59	3.3	4.8	91.9	4	1
JB23	31	6.2	4.26	0.23	260	7	440	7.88	11.5	0.67	3.4	5.5	91.1	4	2
KL02	24	6.7	1.63	0.1	140	10	560	4.14	5.56	1.45	3.2	4.6	92.1	4	2
KL03	3	6.1	0.58	0.03	23	2	49	0.26	0.97	0.06	1.4	1.2	97.5	1	9
KL04	6	6.1	1.3	0.06	55	3	180	1.63	3.08	0.33	3.6	3.7	92.7	4	2
KL05	2	6.1	0.59	0.03	23	2	58	0.2	1.11	0.09	1.7	3.3	95	5	5
KL06	2	5.4	0.76	0.03	19	0.2	28	0.22	0.58	0.06	2.8	1.9	95.3	1	9
KL07	7	6.4	1.26	0.05	63	2	140	1.84	3.09	0.26	3.7	2.8	93.5	4	2
KL08	4	5.8	1.12	0.06	57	0.2	120	0.32	1.98	0.19	2.8	2.6	94.5	5	2
KL09	2	5.8	0.5	0.02	16	0.2	38	0.14	0.42	0.05	3	1.9	95.1	2	1
KL10	2	5.6	0.44	0.02	23	0.2	38	0.2	0.46	0.06	2.8	1.8	95.4	1	9
KL11	2	5.5	0.62	0.03	20	0.2	23	0.1	0.49	0.04	1.8	0.9	97.3	2	2
KL12	5	7.4	1.1	0.07	76	4	370	3.23	9.9	1.22	4.1	5.4	90.5	4	2
KL13	14	5.9	1.18	0.06	53	3	130	2.37	2.85	0.25	3.3	2.9	93.8	4	2
KL14	2	5.5	0.5	0.02	18	0.2	72	0.27	0.79	0.13	2.8	2.5	94.8	2	6
KL15	4	5.8	0.97	0.04	21	0.2	69	0.33	0.74	0.14	2.8	1.5	95.7	2	2
KL18	79	8.4	2.57	0.17	160	9	970	3.43	18.7	2.43	1.9	6.8	91.3	4	2
KL19	17	6.2	1.32	0.06	62	2	180	2.29	3.61	0.35	4.6	3.7	91.7	4	2
KL20	61	6.6	2.73	0.1	85	3	120	5.44	2.27	0.23	6.8	3.8	89.4	4	1
KL21	8	5.4	2.42	0.08	55	3	110	1.38	2.6	0.2	12.3	3.4	84.3	4	1
KL22	3	5.5	1.32	0.06	44	2	87	0.52	0.98	0.17	2.2	3.7	94.2	2	5
KL23	8	5.2	0.84	0.04	27	2	61	0.26	0.64	0.11	1.3	5.3	93.4	1	9
KL24	6	5.5	0.98	0.06	46	2	150	0.25	2.39	0.26	5.8	4.6	89.6	5	2
KL25	4	5.4	0.62	0.03	35	2	59	0.17	0.59	0.09	3.2	3.2	93.5	1	9
KL26	3	6.6	0.83	0.04	49	2	120	0.53	2.35	0.24	2.8	3.3	93.9	1	9
KL27	4	5.8	0.54	0.04	32	2	62	0.12	0.74	0.09	3.2	2.6	94.1	4	7
KL30	2	5.9	0.59	0.03	24	0.2	57	0.25	1.04	0.12	2.3	2.5	95.2	2	2
KL31	5	6.4	2.47	0.1	70	3	140	1.88	5.32	0.25	2.2	2.4	95.4	4	1
KL32	1	5.6	0.6	0.03	29	0.2	44	0.35	0.94	0.08	2.8	1.8	95.4	1	9
KL33	5	6.3	1.75	0.07	51	3	63	1.03	3.17	0.1	1.8	2	96.2	4	2
KL34	1	5.5	0.55	0.03	22	0.2	28	0.13	0.53	0.06	1.3	1.6	97.1	1	9
KL35	3	5.8	1.19	0.04	29	0.2	61	0.43	0.82	0.1	2.3	1.3	96.4	2	1
KL36	2	5.9	0.54	0.03	25	2	47	0.14	0.84	0.1	3.4	2	94.6	1	9
KL37	2	5.6	0.58	0.03	22	0.2	37	0.12	0.54	0.07	2.3	1.3	96.4	1	9
KL38	2	5.9	0.88	0.04	21	0.2	28	0.23	1.99	0.02	3.9	0.7	95.4	1	9
KL39	10	6.3	1.53	0.06	52	3	96	3.57	2.27	0.17	5.6	3.6	90.8	4	1
KL40	3	5.5	0.42	0.02	20	0.2	30	0.32	0.57	0.06	3.8	2.3	93.8	2	2
KL41	6	6.7	1.2	0.07	50	2	100	2.28	1.58	0.22	5	3.4	91.6	4	1
KL42	3	5.7	1.26	0.05	34	2	56	0.5	1.02	0.1	3.3	1.6	95.1	2	2
KL43	8	6.3	2.01	0.09	66	4	160	2.27	4.8	0.27	4.2	2.7	93.1	4	2
KL44	12	6	1.98	0.08	88	4	130	1.66	3.91	0.25	3.4	1.4	95.2	4	2
KL45	2	6	0.98	0.05	28	2	31	0.36	2.04	0.08	3.4	1.2	95.4	1	9
KL46	3	6.1	1.12	0.06	38	2	57	0.41	2.54	0.11	3.2	2.7	94.1	2	5
KL47	6	6.6	1.88	0.09	62	2	110	1.27	4.3	0.21	24.3	0	79.6	4	2
KL48	2	6	0.96	0.06	52	0.2	89	0.42	1.37	0.13	5.4	3.4	91.1	5	2
KL49	12	6.2	2.36	0.11	120	9	200	3.09	5.98	0.41	3.4	1.4	95.2	4	1
KL50	4	6	2.04	0.1	56	2	110	0.8	5.14	0.19	3.1	2.2	94.8	5	7
KN01	62	6.2	1.72	0.09	67	2	140	2.3	6.02	0.24	1.7	3.2	95.1	5	2
KN02	5	5.7	0.51	0.02	16	0.2	26	0.22	0.44	0.05	3.2	1.5	95.3	1	9
KN03	13	5.7	0.45	0.02	15	2	54	0.16	0.51	0.12	2.4	1.1	96.5	2	5
KN04	6	6.3	0.9	0.03	25	2	81	0.49	1.79	0.15	1.3	2.9	95.9	2	7
KN05	15	6.1	0.85	0.05	42	2	180	1.42	2.34	0.32	2.6	5.2	92.2	5	3
KN06	73	8.3	5.01	0.32	190	12	950	4.69	24	2.99	3.3	5.8	90.9	4	7
KN07	17	7.1	2.04	0.1	74	4	420	5.54	8.9	1.32	2.7	4.1	93.2	4	2

Quadrat	EC	pH	OrgC	NTOT	PTOT	Pav	Kav	Mg	Ca	K	Clay	Silt	Sand	Stype	Sdep
KN10	13	5.5	1.42	0.08	65	0.2	190	0.37	3.37	0.32	1.8	2.8	95.5	5	5
KN11	20	5.6	0.86	0.03	25	2	80	0.4	0.76	0.16	2.8	1.7	95.4	2	7
KN12	12	6.1	0.79	0.04	55	2	94	1.19	0.97	0.17	4.2	3.1	92.7	4	3
KN13	16	7.1	0.94	0.04	46	0.2	240	1.61	4.08	0.57	6.5	2.8	90.7	4	1
KN14	16	5.8	0.74	0.04	37	0.2	120	0.49	1.88	0.23	1.2	2.9	95.8	5	4
KN15	4	5.6	0.85	0.04	20	0.2	60	0.29	1.22	0.11	2.8	1.2	96	1	9
KN16	27	8	2.09	0.09	54	3	200	6.27	6.82	0.6	5.5	4	90.5	4	2
KN17	28	8.4	1.24	0.07	45	2	220	6.62	13	0.56	2.9	2.7	94.4	4	1
KN18	54	8.4	2.18	0.14	93	4	610	7.52	17.4	1.78	0.5	3.9	95.6	4	2
KN19	28	5.3	0.42	0.02	21	0.2	130	1.41	0.28	0.16	3.5	4.8	91.7	4	3
KN20	16	6.3	1.58	0.05	35	2	110	1.05	3.78	0.25	3.6	3.3	93.1	4	3
KN22	6	5.8	0.94	0.07	56	3	190	1.31	3.79	0.35	8.9	5.3	85.8	5	2
KN23	45	7.9	2.66	0.15	100	7	740	8.9	17.9	2.41	2	6.8	91.2	4	3
KN24	76	5.6	3.62	0.1	88	4	91	2.07	1.2	0.18	4.8	2.8	92.4	4	2
KN25	9	5.8	0.74	0.03	20	2	38	0.46	1.44	0.13	2.5	3.5	94	2	3
KN26	8	5.5	1.06	0.05	47	3	78	0.4	1.7	0.15	6.2	5.9	87.9	2	3
KN27	12	7	2.19	0.13	190	8	250	8.89	6.64	0.62	2.9	2.3	94.8	4	2
KN28	13	7.3	2	0.1	67	4	120	1	7	0.24	1.3	2.1	96.6	1	9
KN29	12	6.5	2.84	0.16	160	7	230	1.53	7.14	0.54	3.6	5	91.5	4	1
KN30	4	6.6	1.34	0.06	52	2	81	0.81	3.11	0.23	3.7	2.5	93.7	2	4
KN31	8	6.4	2.26	0.11	94	3	260	3.12	4.51	0.41	3.7	2.5	93.7	4	1
KN32	7	6.5	1.84	0.1	62	3	190	2.97	3.54	0.39	4.2	2.9	93	4	1
KN33	5	6	1.67	0.06	61	2	72	1.32	2.61	0.18	5.1	2.6	92.3	4	1
KN34	13	6.5	2.36	0.11	94	4	210	4.41	4.05	0.48	5.1	3.8	91.1	4	2
KN35	8	6.5	2.55	0.09	74	2	130	2.68	5.42	0.33	3.1	2.6	94.3	4	2
KN36	2	6	0.76	0.04	26	0.2	46	0.45	1.41	0.11	2.8	1.8	95.4	2	4
KN37	4	6.3	2.32	0.09	85	2	140	1.56	3.69	0.23	4.1	3.6	92.3	4	2
KN38	2	6	0.95	0.04	32	2	51	0.36	1.18	0.12	2.3	2.5	95.2	2	2
KN39	3	6.1	0.83	0.04	46	2	160	0.66	1.37	0.28	2.6	3.9	93.5	2	2
KN40	2	6.5	0.52	0.03	30	0.2	35	0.58	1.74	0.12	2.8	1.8	95.4	1	9
KN41	2	6	0.78	0.03	30	2	97	0.38	0.76	0.19	3.2	2.9	94	2	2
KN42	2	5.8	0.64	0.03	22	0.2	63	0.18	0.62	0.14	3.3	2.2	94.5	1	9
KN43	6	6.4	2.06	0.08	88	2	180	1.51	5.15	0.32	3.3	3.8	92.9	4	2
LK02	7	6.6	1.48	0.07	44	0.2	260	2.13	4.41	0.65	2.8	2.5	94.7	4	1
LK04	7	6.4	1.33	0.07	60	2	160	1.17	5	0.33	4.2	3	92.8	5	2
LK05	21	5.9	2.68	0.13	93	7	170	2.76	7.17	0.4	3.8	2.2	94	5	2
LK06	4	6	1.07	0.04	18	0.2	52	0.38	1.14	0.13	1.9	1.5	96.7	2	2
LK07	8	6.2	2.04	0.12	47	0.2	170	0.81	5.94	0.33	2.4	1.7	95.9	5	3
LK08	31	6.2	1.3	0.04	22	2	140	1.12	3.28	0.28	1.8	3.1	95.1	2	3
LK10	3	6	0.63	0.03	28	0.2	92	0.48	0.82	0.2	4.2	2.1	93.7	2	1
LK11	5	6	0.65	0.02	13	2	47	0.25	0.92	0.12	2.2	1	96.8	1	9
LK12	19	6.6	1.46	0.05	29	2	180	3.68	3.15	0.39	5.2	4.9	89.9	4	1
LK13	5	6.6	1.15	0.04	38	2	100	1.95	2.21	0.2	4.2	2.7	93.1	4	2
LK14	230	7.7	2.05	0.12	85	7	440	1.31	15.2	1.08	5.6	2.7	91.7	1	9
LK15	52	5.5	1.14	0.04	18	0.2	88	0.73	1.22	0.18	3.3	1.6	95	2	2
LK16	32	6.1	2.19	0.1	54	3	150	2.15	7.66	0.32	2.8	2.5	94.7	4	1
LK17	5	6.1	0.99	0.05	61	3	88	0.49	1.79	0.19	2.8	2.8	94.4	5	1
LK18	29	6.5	1.5	0.07	40	2	220	3.78	4.44	0.45	19.8	2.7	77.6	4	2
LK19	11	5.8	0.54	0.03	18	0.2	83	0.43	1.03	0.18	9.9	1.6	88.5	2	1
LK20	7	6.8	1.53	0.08	53	4	360	3.13	6.7	1.07	7.9	3.1	89	4	1
LK22	96	6.6	2.63	0.11	58	3	320	6.55	6.18	0.81	1.7	2.7	95.6	4	1
LK23	6	6	0.76	0.03	16	0.2	42	0.21	1.18	0.1	1.9	1.2	96.9	1	9
LK24	9	6.8	1.3	0.07	58	2	130	1.11	4.58	0.28	1.5	2.3	96.3	4	2
ML01	3	6	0.61	0.03	29	0.2	16	0.15	1.18	0	1.2	1.5	97.2	2	2
ML02	2	5.8	0.43	0.03	31	0.2	16	0.06	0.73	0	1.9	1.6	96.5	1	9
ML03	4	5.8	0.66	0.04	37	0.2	39	0.3	1.04	0.05	2.4	1.4	96.1	1	9
ML04	8	7	1.33	0.11	220	4	18	0.58	4.51	0.42	2.6	4.1	93.3	4	1
ML05	20	5.6	0.97	0.08	98	2	230	0.71	3.13	0.44	4.8	4.3	90.9	5	2
ML06	3	6.3	0.65	0.05	130	4	130	0.54	1.78	0.25	4.9	2.9	92.2	4	2
ML07	4	5.8	0.58	0.05	100	2	210	0.36	0.7	0.38	3.5	4.6	91.9	5	2
ML08	2	6.2	0.44	0.02	40	0.2	30	0.2	1.16	0.04	2.8	1.5	95.7	1	9
ML09	6	5.3	0.65	0.03	35	0.2	57	0.17	0.31	0.09	4.7	2	93.3	3	2
ML10	12	6.9	1.44	0.12	160	6	330	2.98	3.08	0.71	6.4	6.4	87.2	5	5
ML11	3	6	1.23	0.06	49	0.2	43	0.28	1.41	0.06	1.7	2.2	96	3	1
ML13	2	6.1	0.38	0.02	25	0.2	20	0.17	0.64	0.02	1.9	0.7	97.3	1	9

Quadrat	EC	pH	OrgC	NTOT	PTOT	Pav	Kav	Mg	Ca	K	Clay	Silt	Sand	Stype	Sdep
ML14	3	6.2	0.88	0.05	130	2	110	0.52	2.27	0.2	2.8	3.1	94.1	1	9
ML15	69	6.7	1.84	0.12	240	8	200	2.71	3.22	0.44	3.8	3.2	93	4	2
ML17	3	6	0.77	0.03	28	0.2	24	0.27	1.45	0.03	1.3	1.6	97	1	9
ML18	2	5.6	0.79	0.05	89	2	77	0.38	1.29	0.13	3.7	3.6	92.7	1	9
ML19	2	5.9	0.49	0.02	24	0.2	17	0.1	0.49	0.03	1.4	1.4	97.2	1	9
ML20	2	6.1	0.86	0.05	87	3	120	0.48	1.58	0.21	1.9	4.3	93.8	4	2
ML21	4	6	1.46	0.08	87	2	49	0.43	3.72	0.07	1.3	3.2	95.5	4	2
ML23	5	6.1	0.73	0.05	82	2	230	1.04	1.64	0.44	3.2	4.3	92.5	5	3
ML24	2	6.2	0.62	0.04	58	0.2	110	0.52	2.07	0.2	1.5	4.4	94.1	4	2
ML25	100	5.8	0.7	0.03	42	2	58	1.29	0.62	0.07	5.4	3.9	90.7	4	2
ML26	15	5.4	1.67	0.07	40	0.2	47	0.55	1.68	0.05	6	3.3	90.7	4	2
MN01	2	6.8	0.54	0.03	38	2	180	1.9	2.38	0.44	5.8	3.2	91	4	1
MN02	36	8.3	3.34	0.22	170	11	720	3.28	19.3	2.32	4.5	5.5	90	4	3
MN03	3	5.9	1.09	0.03	28	0.2	48	0.36	0.95	0.08	2.5	2.5	95	2	1
MN04	6	5.8	1.05	0.05	46	2	120	1.02	2.55	0.2	7.2	3.1	89.7	4	2
MN05	2	5.5	0.53	0.02	22	0.2	33	0.24	0.51	0.06	2.8	2.3	94.9	1	9
MN06	7	6	1.5	0.07	50	0.2	91	0.82	4.15	0.15	0.7	2.5	96.8	5	4
MN07	2	5.9	0.66	0.05	77	2	120	0.29	1.21	0.19	1.8	2.6	95.6	5	2
MN10	3	6.6	0.77	0.05	86	3	250	0.96	3.36	0.54	3.8	3.4	92.7	4	2
MN11	19	5.1	0.96	0.04	44	2	82	0.92	0.65	0.14	10.2	2.6	87.3	2	2
MN12	20	8.6	1.78	0.13	130	6	610	1.8	16.4	1.92	2.1	6.6	91.3	4	6
MN13	20	6.9	0.62	0.04	93	3	190	1.54	3.27	0.47	5.8	4.9	89.4	4	5
MN14	8	7.8	1.38	0.09	92	5	420	2.88	11.4	1.31	3	4.1	92.9	4	4
MN15	6	6.9	1.38	0.05	81	0.2	140	0.6	5.55	0.39	1.7	2.2	96	1	9
MN17	5	5.8	1.56	0.07	62	0.2	110	1.43	1.7	0.2	7.7	3.1	89.1	4	3
MN18	2	6.1	0.76	0.03	32	2	72	0.56	1.42	0.13	4.8	2.9	92.3	4	4
MN19	5	6.2	1.66	0.07	58	2	150	2.98	3.25	0.25	7.6	4.4	88	4	1
MN20	4	6.3	0.86	0.04	51	0.2	140	1.36	2.23	0.26	2.6	4.4	93	5	2
MN21	4	5.7	0.83	0.03	24	0.2	27	0.2	0.38	0.06	2.8	1.8	95.5	2	2
MN22	4	6.6	0.7	0.04	55	0.2	110	0.5	1.63	0.25	2.4	2.7	94.9	5	2
MN23	24	4.9	2.28	0.08	41	4	93	1.31	1	0.14	12.1	4.4	83.5	4	1
MN24	8	5.7	0.41	0.02	22	0.2	44	0.27	0.75	0.09	2.3	1.9	95.8	1	9
MN25	3	6.4	0.85	0.03	33	2	45	0.42	2.58	0.07	1.8	2.5	95.8	4	5
MO01	2	6.1	0.45	0.03	40	0.2	60	0.25	0.55	0.13	1.3	3	95.7	1	9
MO02	7	7.4	1.11	0.09	210	16	510	2.75	6.83	1.5	3.3	5.4	91.3	4	1
MO03	5	6.6	0.85	0.06	140	4	180	0.57	1.85	0.39	2.5	5.3	92.2	5	4
MO05	3	5.3	0.53	0.03	46	0.2	47	0.13	0.3	0.09	2.5	2.9	94.7	2	2
MO06	3	5.9	0.74	0.06	74	2	220	0.57	1.49	0.39	1.7	4.2	94.1	5	3
MO07	310	7.3	1.12	0.08	180	10	300	4.2	3.84	0.62	2.7	4.2	93.1	4	2
MO09	2	5.5	1.05	0.05	130	2	130	0.32	0.83	0.22	2.4	5.2	92.4	2	2
MO10	2	6.1	0.71	0.05	73	2	130	0.39	1.97	0.23	2.8	3.9	93.3	5	5
MO12	7	7.1	0.98	0.07	160	4	240	1.68	4.04	0.62	4.3	3.4	92.2	4	1
MO13	12	5.8	0.99	0.06	220	3	280	0.99	1.54	0.52	5	6.4	88.6	4	1
MO14	3	6.1	1.58	0.08	220	2	140	0.85	2.8	0.26	4.5	4.7	90.8	5	2
MO15	2	5.8	0.89	0.04	69	2	71	0.37	1.09	0.13	1.8	2.8	95.4	5	4
MO16	7	6.8	0.62	0.05	94	4	200	1.42	1.94	0.39	4.8	7.2	88	5	1
MO17	6	6.9	0.64	0.05	94	3	150	0.85	2.62	0.3	4.2	5	90.8	4	1
NO01	9	6.4	1.02	0.07	110	3	240	0.74	2.78	0.43	2.3	4.2	93.5	5	3
NO02	12	5.8	1.19	0.07	64	3	170	0.96	1.97	0.33	1.7	4.5	93.8	5	1
NO03	8	6.4	1.9	0.11	74	4	150	1.72	5.08	0.27	0	4	96	3	1
NO04	3	5.5	1.44	0.05	23	0.2	18	0.39	1.37	0.05	0.9	1.3	97.8	1	1
NO05	6	5.4	1.08	0.05	52	2	71	0.24	0.89	0.15	1.1	4	94.9	2	1
NO06	4	5.8	0.78	0.03	22	0.2	33	0.27	1.17	0.07	0.4	1.9	97.7	1	9
NO07	6	6.8	1.39	0.08	120	6	190	1.11	4.1	0.42	2.7	3.7	93.7	4	1
NO10	9	7.9	1.03	0.08	69	2	52	0.6	9.68	0.14	2.4	0.6	97	1	9
NO11	2	5.9	0.42	0.02	30	0.2	27	0.16	0.45	0.06	8.6	6.9	84.4	1	9
NO13	5	6	1.31	0.06	73	2	82	0.83	1.34	0.16	7.3	3.9	88.8	3	2
NO14	4	5.9	1.19	0.05	56	2	80	0.53	0.98	0.13	3.5	4.4	92.1	3	1
NO15	3	6	0.72	0.03	27	0.2	28	0.3	1.41	0.05	0.4	1.7	97.8	3	1
NO16	5	6.1	0.49	0.02	20	0.2	26	0.21	0.73	0.05	1	1.1	97.9	1	9
NO18	6	6.2	0.93	0.05	120	0.2	110	0.52	1.65	0.19	2.1	4.6	93.3	2	1
NO20	85	8.3	2.63	0.22	360	11	79	1.77	8.12	0.16	0.4	2	97.5	1	9
NR01	4	5.9	0.69	0.03	27	0.2	35	0.16	0.8	0.06	1.8	1.3	96.8	1	9
NR02	6	6.1	1.58	0.05	35	2	47	0.56	3.01	0.12	1.2	2.1	96.7	1	9
NR03	9	6.6	4.37	0.15	120	0.2	220	2.27	8.71	0.59	3.7	3.6	92.7	4	2

Quadrat	EC	pH	OrgC	NTOT	PTOT	Pav	Kav	Mg	Ca	K	Clay	Silt	Sand	Stype	Sdep
NR04	9	6.4	2.47	0.11	120	2	180	1.82	5.92	0.33	2.6	4.7	92.7	4	2
NR05	9	5.6	4.19	0.16	96	0.2	130	2.11	4.18	0.35	1.1	2.6	96.3	5	3
NR06	28	6	3.68	0.14	120	9	210	2.26	8.21	0.46	2.7	2.2	95.1	4	4
NR07	5	5.7	1.51	0.07	47	2	60	0.36	2.03	0.12	1.7	3.4	95	5	2
NR08	4	6.1	0.91	0.03	31	0.2	64	0.3	0.84	0.13	2	2.2	95.8	2	5
NR09	5	5.9	1.93	0.07	20	0.2	55	0.56	3.14	0.1	0.3	1.3	98.3	1	9
NR10	12	6.2	3.61	0.19	84	0.2	280	3.44	11	0.52	5.1	3.9	90.9	4	2
NR11	5	5.7	2.79	0.09	93	0.2	120	0.78	1.39	0.22	2.6	3.8	93.6	2	3
NR12	10	5.3	8.01	0.18	81	0.2	170	0.93	2.13	0.31	3.9	1.7	94.4	4	2
NR13	8	5.7	1.19	0.04	22	2	55	0.39	1.02	0.1	2.7	0.8	96.4	1	9
NR14	8	6.3	2.47	0.13	94	2	220	0.9	6.79	0.43	2.7	4.5	92.9	5	4
NR15	13	6.1	7.89	0.18	140	5	330	4.18	14.3	0.69	3.2	2	94.9	4	1
NR16	11	5.6	2.53	0.09	96	0.2	120	0.77	0.96	0.24	2.5	4.2	93.3	2	2
NR17	10	5.8	1.94	0.07	67	0.2	97	0.49	0.78	0.2	2.7	2.4	94.9	1	9
NR18	11	6	4.03	0.14	80	3	150	1.06	4.69	0.27	4.8	1.8	93.4	4	2
NR19	14	6.3	2.59	0.13	140	8	300	2.59	7.72	0.56	3	4.5	92.5	4	1
NR20	180	6.2	3.61	0.22	150	4	200	8.16	9.2	0.33	1.6	3.3	95.1	4	1
NR21	7	6.5	2.74	0.11	130	2	200	0.91	5.15	0.52	3.2	4.8	91.9	2	4
NR22	11	5.4	1.26	0.06	50	2	110	0.96	0.86	0.22	4	3.8	92.2	4	2
NR23	120	6	4.06	0.14	87	4	180	5.67	7.17	0.37	6.3	3.4	90.2	4	6
PI01	3	6	0.55	0.02	17	2	75	0.49	0.99	0.15	2.8	1.8	95.4	1	9
PI02	7	6.4	1.01	0.05	39	0.2	140	0.88	2.96	0.3	2.8	1.8	95.4	4	1
PI05	9	5.9	0.86	0.05	35	14	120	0.66	1.42	0.23	3.8	2.5	93.7	5	4
PI06	4	6.1	0.68	0.03	15	0.2	72	0.61	1.18	0.16	2.9	2.4	94.6	2	2
PI07	9	6	2.63	0.08	35	0.2	180	1.82	4.25	0.35	3.8	2.5	93.7	2	2
PI08	94	6.6	3.7	0.18	90	4	420	8.51	8.52	1.08	2.8	1.2	96	4	1
PI09	5	6.3	0.74	0.03	18	3	230	0.26	1.59	0.1	1.9	1.5	96.7	1	9
PI10	500	7.9	3.93	0.3	200	8	620	4.95	8.5	2	5.7	8.7	85.7	4	9
PI11	4	5.9	0.6	0.03	15	0.2	39	0.17	0.68	0.09	2.3	1.8	95.9	1	9
PI12	54	6.4	2.4	0.1	68	3	150	3.09	8.07	0.29	2.9	2.9	94.3	4	1
PI13	4	5.7	0.66	0.02	14	0.2	28	0.22	0.74	0.07	2.3	1.9	95.8	2	1
PI14	4	6.3	2.54	0.13	65	4	320	8.29	12.3	0.64	3.3	3.3	93.3	4	1
PI15	7	6.3	1.1	0.05	38	3	130	1.42	2.91	0.31	3.8	2.6	93.6	4	2
PI16	23	6.2	0.99	0.04	17	0.2	130	2.64	0.86	0.2	6.6	6.9	86.5	4	1
PI17	4	6.3	1.18	0.04	16	0.2	79	0.72	1.37	0.18	2.8	1.8	95.4	2	2
PI18	3	5.9	0.45	0.01	11	2	17	0.13	0.56	0.05	2.9	0.5	96.6	1	9
PI19	4	6.6	1.14	0.05	40	2	110	0.71	4.99	0.26	2.9	2.9	94.3	2	2
PI21	4	6.2	1.14	0.05	33	2	130	0.92	1.69	0.27	2.3	2.6	95.1	2	1
PI23	4	6.1	1.22	0.04	24	2	23	0.34	2.14	0.06	3.4	0.9	95.7	1	9
PI24	37	6.8	2.48	0.1	74	5	310	7.67	5.61	0.66	3	4.7	92.3	4	2
PI25	11	7.2	1.33	0.07	70	2	290	1.33	2.05	0.67	6.2	8.1	85.7	5	2
QU01	5	5.7	0.81	0.05	42	0.2	86	0.23	1.76	0.17	2.3	2.7	95	5	4
QU02	3	6.2	0.56	0.02	15	0.2	53	0.22	0.77	0.1	2.8	1.7	95.4	2	1
QU03	6	6.1	2.44	0.11	82	3	180	0.85	3.53	0.38	2.4	4.1	93.5	2	1
QU04	2	5.7	0.5	0.02	23	0.2	42	0.17	0.5	0.1	1.9	1.5	96.5	1	9
QU05	59	6.2	1.67	0.11	98	5	210	2.32	6.36	0.36	4.1	4.8	91.2	5	5
QU06	18	6.8	1.31	0.08	56	3	140	5.45	3.13	0.34	17.7	4	78.3	4	1
QU09	8	7	0.99	0.06	100	4	330	2.36	4.37	0.82	5.2	5.2	89.7	4	1
QU10	2	5.7	0.76	0.03	28	0.2	37	0.15	0.63	0.06	3.7	2.2	94.1	2	2
QU11	3	5.9	0.43	0.02	42	0.2	62	0.17	0.48	0.11	0.6	2.8	96.6	2	4
QU12	3	6.5	0.94	0.05	57	2	150	1.4	2.91	0.3	1.2	3.2	95.6	4	2
QU14	7	6.1	1.73	0.06	33	2	80	0.62	3.52	0.17	2.1	2.8	95	2	6
QU15	43	5.5	5.88	0.18	98	9	180	3.49	6.08	0.35	7.5	8	84.5	4	2
QU16	16	6.4	1.67	0.09	71	5	240	3.16	4.06	0.44	4.2	6.1	89.8	4	2
QU17	6	6.2	1.3	0.07	74	4	200	2.41	3	0.39	1.7	4.7	93.7	4	2
QU18	5	6	0.88	0.04	47	0.2	75	0.3	1.26	0.13	1.8	2.8	95.4	4	9
QU19	8	6.1	1.37	0.07	72	4	150	1.93	2.77	0.26	4.1	3.6	92.3	4	1
QU20	3	5.8	1.26	0.09	81	2	130	0.23	2.98	0.23	1.6	3.5	94.9	5	3
QU21	11	6.7	1.62	0.06	48	3	120	2.72	2.82	0.23	2.8	3.1	94.1	4	2
QU22	2	5.6	1.81	0.13	150	6	73	0.71	1.34	0.12	1.5	4	94.6	5	1
QU23	2	5.6	0.37	0.02	25	0.2	50	0.39	0.59	0.12	1.7	2.2	96.1	1	9
QU24	2	6.3	0.48	0.04	36	2	48	0.19	1.19	0.06	3.3	1.6	95.1	5	9
QU25	2	5.9	0.52	0.03	30	2	62	0.24	0.37	0.07	3.8	2.1	94.1	4	1
QU26	4	6.7	1.46	0.07	67	2	89	0.65	3.83	0.2	1.6	3	95.4	5	5
QU27	2	6.2	1.06	0.05	45	2	42	0.22	1.07	0.08	2.3	2.5	95.2	4	1

Quadrat	EC	pH	OrgC	NTOT	PTOT	Pav	Kav	Mg	Ca	K	Clay	Silt	Sand	Stype	Sdep
QU28	1	5.7	0.51	0.03	23	0.2	13	0.07	0.36	0.04	2.3	1.3	96.4	1	9
QU29	2	5.8	0.56	0.03	25	0.2	44	0.13	0.57	0.06	3.3	1.9	94.8	4	1
QU30	2	6.2	0.68	0.03	28	2	42	0.16	0.76	0.06	2.3	1.6	96.1	1	9
QU31	1	5.9	0.48	0.02	21	0.2	25	0.12	0.64	0.04	3.3	1.6	95.1	1	9
QU32	1	5.8	0.69	0.03	22	0.2	23	0.07	0.44	0.03	2.7	1.4	95.9	2	1
QU33	4	6.4	1.96	0.07	62	2	140	0.75	4.85	0.26	2.6	3.5	94	2	1
QU34	7	6.6	2.43	0.1	72	3	190	1.7	6.86	0.48	1.6	3.8	94.7	2	2
QU35	5	6.2	1.58	0.05	38	2	55	0.51	3.24	0.1	2.7	2.2	95	4	2
QU36	1	5.7	0.68	0.03	28	2	23	0.06	0.78	0.04	2.3	2.7	94.9	1	9
QU37	3	6.4	1.74	0.08	70	2	140	0.58	3.48	0.22	2.2	2.4	95.4	2	1
QU38	5	5.9	1.38	0.06	64	5	86	1.21	2.15	0.13	2.3	2.7	94.9	4	1
QU39	2	5.7	1.21	0.07	76	2	110	0.27	1.55	0.2	3.6	3.3	93.1	5	1
QU40	4	6.6	1.62	0.08	71	3	190	2.6	3.82	0.42	4.8	2.4	92.9	4	1
QU41	5	6	1.51	0.06	48	2	43	1.08	1.72	0.08	3.8	2.1	94.1	4	1
QU42	1	5.9	0.38	0.02	17	0.2	24	0.1	0.64	0.04	1.3	1.6	97.1	1	9
SPM001E	10.85	6.5	0.87	0.04	35	0.2	100	1.1	2.7	0.21	2.4	1.9	95.7	4	2
SPM011A	3.5	6.1	1	0.04	30	3	52	0.85	1.23	0.1	2.7	2.8	94.6	4	2
SPM025H	4.96	6.1	0.49	0.03	23	0.2	82	0.42	1.23	0.16	2.3	1.1	96.6	1	9
SPS030A	35.4	4.8	3.63	0.28	230	4	90	0.51	0.64	0.13	1.3	2.4	96.3	5	1
SPS048A	9.9	5.7	1.08	0.1	190	7	150	0.53	1.35	0.24	2.4	3.7	94	5	1
SPS054A	12.05	5.9	2.52	0.25	480	39	160	0.53	1.36	0.32	0.3	2.9	96.8	5	1
SPS059A	81.2	4.9	1.29	0.1	210	8	130	0.53	0.44	0.2	2.3	3	94.8	5	1
SPS070A	17.1	5.6	1.13	0.09	220	8	110	0.24	0.6	0.19	1	3	96	5	1
SPS078A	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing	5	1
SPS089B	39.8	7.1	1.07	0.04	30	0.2	220	1.8	3.94	0.53	0.8	2.3	97	4	2
SPS094A	69.7	6	7.18	0.46	220	11	280	11.2	14.4	0.57	1.1	2	96.8	5	1
SPS115C	18.4	5.7	0.78	0.04	32	2	70	0.74	1.99	0.13	0.6	2.1	97.3	5	1
SPS121D	17.5	9	1.76	0.08	30	3	130	1.79	3.35	0.27	2.7	1.2	96.1	1	9
SPS126A	28.8	4.6	0.98	0.11	290	16	160	0.31	0.25	0.27	5.2	4.3	90.5	5	1
SPS126B	100	4.6	0.78	0.1	460	13	220	0.94	0.72	0.38	8.3	9.5	82.2	5	1
SPS138B	22.5	8.7	1.04	0.05	34	2	390	2.96	5.43	1.02	3.1	3.4	93.5	4	2
SPS139A	8.47	6.2	1.48	0.1	120	3	100	1.09	1.79	0.15	0.2	3.2	96.6	5	1
SPS139B	4.88	7	1.53	0.11	120	2	200	2.56	3.76	0.5	0.9	3.8	95.3	5	1
SPS145A	85.7	7.8	1.67	0.11	87	7	510	4.77	10.8	1.15	3.8	3.1	93.1	4	2
SPS145B	57.2	6.3	1.51	0.08	57	3	290	3.05	8.36	0.57	2.8	4.2	93	4	2
SPS151C	4.1	6.2	0.33	0.01	1	2	1	0.1	0.48	0.02	1.8	0.4	97.8	1	9
SPS153A	5.45	5.8	0.71	0.05	72	9	33	0.46	1.2	0.08	3.3	2.1	94.6	4	2
SPS153B	15.5	5.4	0.8	0.04	88	8	33	0.31	0.83	0.07	2.7	1.7	95.6	4	2
SPS153C	29.3	5.6	1.35	0.08	78	6	35	0.73	2.3	0.07	1.9	2	96.1	4	2
SPS175A	13.64	5.6	0.82	0.09	360	50	130	0.64	1.32	0.21	5.7	4.3	90.1	5	1
SPS175B	14.35	5.6	1.01	0.12	1700	110	130	0.34	1.21	0.2	2.5	5.8	91.6	5	1
SPS176A	45.6	5.7	0.46	0.04	130	6	130	0.66	0.6	0.22	4.3	3	92.8	5	1
SPS176B	7.4	5.4	0.68	0.06	160	5	80	0.3	0.42	0.16	4.2	2.4	93.3	5	1
SPS176C	7.45	6.1	0.56	0.05	180	5	120	0.77	1.21	0.23	5.7	4.7	89.6	5	1
ST01	5	6	1.19	0.05	34	2	90	0.43	1.62	0.21	2.4	3.1	94.6	2	2
ST02	5	5.8	1.49	0.05	26	3	38	0.67	3.28	0.11	0.5	0.9	98.7	1	9
ST03	8	5.7	4.47	0.15	77	4	120	1.71	6.5	0.32	4.3	4.1	91.6	2	1
ST04	4	6	0.6	0.02	14	2	50	0.25	0.76	0.1	1.7	1.9	96.5	2	3
ST05	19	6.2	3.91	0.22	200	6	180	6.98	6.58	0.36	0.9	4.3	94.8	5	4
ST06	6	6.3	1.36	0.08	70	3	120	0.87	3.86	0.25	2.5	3.7	93.8	4	2
ST07	3	6.3	0.96	0.03	16	2	20	0.36	1.72	0.04	1.4	0.9	97.7	1	9
ST09	12	6.3	1.64	0.06	46	8	120	1.58	2.97	0.24	1.9	4.2	93.9	4	2
ST10	8	5.3	5.5	0.16	64	3	100	1.53	4.84	0.23	4.4	3	92.5	2	2
ST11	55	5.9	2.04	0.09	79	3	100	2.3	2.9	0.2	1.8	2.5	95.7	4	2
ST12	83	5.8	3.07	0.15	85	3	77	3.78	3.3	0.12	2.6	3.8	93.6	4	2
ST13	5	5.7	2.23	0.11	81	2	180	1.41	3.92	0.37	1.6	3.5	94.9	5	2
ST15	8	5.2	2.28	0.14	63	3	140	0.62	2.62	0.31	1.4	4.5	94.1	5	2
ST16	9	6.5	3.45	0.16	92	5	240	3.5	9.38	0.44	11.1	5.7	83.1	5	3
ST17	9	6	2.67	0.11	100	4	110	1.72	4.12	0.22	0.9	6.2	92.9	4	1
ST18	220	5.3	4.62	0.14	97	10	220	7.17	3	0.38	4.5	3.1	92.4	4	2
ST19	2	5.9	0.67	0.02	18	2	31	0.24	0.85	0.07	5.9	2.1	92.1	2	2
ST20	6	6.5	1.65	0.05	34	2	79	2.45	2.39	0.19	8.8	3.6	87.6	4	2
ST21	6	5.5	1.43	0.08	63	2	110	0.8	1.72	0.24	8.3	2	89.7	5	2
ST22	410	6	4.28	0.21	140	9	700	10.6	12.8	1.25	1.9	5.2	93	4	1
ST23	8	6.1	2.18	0.1	70	3	140	2.35	3.33	0.33	10.8	5.5	83.7	4	1

Quadrat	EC	pH	OrgC	NTOT	PTOT	Pav	Kav	Mg	Ca	K	Clay	Silt	Sand	Stype	Sdep
ST24	4	5.7	0.9	0.03	20	2	43	0.24	0.9	0.12	7.2	2	90.8	1	9
ST25	190	4.9	6.59	0.27	260	14	520	5.56	4.87	0.43	1.6	10.9	87.5	4	2
ST26	70	6	5.06	0.16	140	7	130	6.59	7.91	0.36	10.3	3.8	85.9	4	2
TR01	7	6.7	1.61	0.09	100	7	270	1.84	4.73	0.53	4.7	4.5	90.8	4	2
TR02	3	6	1.26	0.05	42	0.2	49	0.39	1.34	0.11	3.3	2.7	94.1	1	9
TR03	96	5.2	4.21	0.14	59	5	180	3.76	5.86	0.28	4.7	2	93.3	4	1
TR04	5	5.7	1.9	0.07	64	2	75	0.66	1.87	0.12	4.2	2.7	93.1	5	3
TR05	2	6.2	0.8	0.04	42	3	85	0.62	2.06	0.15	4.8	2.3	92.8	4	4
TR06	5	7.2	1.1	0.08	110	8	320	4.43	10.2	0.76	4.2	5.2	90.6	4	1
TR07	4	6.8	0.77	0.04	42	2	53	0.29	0.91	0.1	3.7	2.2	94	4	4
TR08	26	7.9	4.15	0.27	200	20	960	6.04	17.2	3.36	2.5	4.9	92.6	4	3
TR09	5	5.4	0.62	0.04	37	2	53	0.4	0.55	0.14	3.8	2.8	93.4	4	1
TR11	13	7.3	2.14	0.14	140	10	500	4.02	12.8	1.31	3	4.7	92.3	4	2
TR12	7	6.2	1.77	0.1	84	5	170	1.54	3.63	0.31	4.9	2.4	92.6	4	4
TR13	10	5.5	0.87	0.05	58	3	130	0.42	0.66	0.25	5.2	4.9	89.9	4	3
TR14	5	6.3	1.17	0.07	60	3	100	0.96	2.19	0.19	4.7	3.3	92	4	1
TR15	7	6.4	1.78	0.11	81	0.2	180	3.15	4.38	0.37	3.9	1.9	94.2	4	1
TR16	6	6.1	1.59	0.08	49	4	54	1.02	2.94	0.12	3.3	1.1	95.6	4	3
TR18	3	5.9	0.76	0.05	40	4	30	0.34	1.04	0.08	2.4	0.9	96.7	1	9
UN01	5	5.6	2.54	0.08	35	3	52	0.98	3.44	0.22	5	1.2	93.9	1	9
UN02	6	5.4	2.65	0.08	46	4	62	0.56	2.4	0.16	4.5	2.3	93.1	1	9
UN04	160	5.5	4.01	0.16	100	5	87	6.37	2.33	0.16	9.3	4.7	86	4	2
UN05	4	5.8	2.73	0.14	91	4	210	1.49	4.29	0.38	14.1	7.4	78.5	5	2
UN06	8	6.2	3.54	0.15	92	3	240	2.67	6.43	0.47	7.8	3.3	88.9	4	6
UN07	5	6	1.84	0.07	43	3	81	1.01	3.2	0.19	4.8	1.2	94	1	9
UN08	160	4.1	2.99	0.11	120	3	60	2.54	0.64	0.1	10	3.8	86.2	2	2
UN09	8	6.1	7.4	0.25	180	5	180	3.7	11.8	0.5	3.6	4.2	92.1	2	1
UN10	5	5.8	2.29	0.09	56	4	68	1.61	3.83	0.17	3.8	1.4	94.8	1	9
UN11	5	5.5	3.56	0.12	57	5	53	1.45	6.53	0.14	3.5	0.7	95.8	1	9
UN14	14	6.2	3.98	0.17	110	6	170	2.84	9	0.4	7.2	4.4	88.4	4	2
UN17	6	6.5	3.47	0.18	70	4	26	1.21	8.19	0.09	4.5	1	94.5	1	9
UN18	7	6.2	3.72	0.17	89	4	160	2.69	8.65	0.34	6.8	3.6	89.6	4	9
UN20	8	5.7	9.75	0.31	180	8	160	3.29	10.3	0.34	4.3	4.9	90.8	2	1
UN23	8	6.3	2.85	0.12	72	3	130	1.75	4.37	0.28	12.8	3.7	83.6	4	2
WH03	2	5.9	0.77	0.03	20	0.2	26	0.12	0.81	0.04	1.3	1.9	96.8	2	2
WH04	5	6.3	2.09	0.1	98	0.2	130	1.77	4.37	0.28	1.6	5.5	92.8	2	2
WH05	8	6.1	1.23	0.07	49	0.2	110	1.89	1.99	0.21	3.4	3.3	93.3	4	1
WH06	2	6.2	0.62	0.04	36	0.2	75	0.37	1.07	0.13	4.3	2.8	92.9	4	2
WH07	9	6.6	1.85	0.12	89	4	240	3.61	4.33	0.57	2.3	3.2	94.5	4	1
WH08	2	5.9	0.49	0.03	25	0.2	48	0.14	0.47	0.08	3.8	2	94.1	2	3
WH09	3	5.5	0.81	0.03	20	0.2	24	0.16	0.8	0.03	1.9	1.5	96.7	2	5
WH10	6	6.5	3.48	0.13	89	0.2	170	2.22	6.9	0.47	1.8	3.3	94.8	2	3
WH11	8	5.9	1.32	0.08	53	2	73	0.34	3.55	0.12	2.3	3.5	94.2	5	3
WH13	4	6.7	0.62	0.05	120	2	180	0.51	1.54	0.4	2.3	3.3	94.3	5	4
WH14	8	6.2	2.16	0.09	70	0.2	91	2.12	3.61	0.16	3.2	3.1	93.7	2	2
WH15	3	6.4	0.98	0.04	42	0.2	50	0.26	2.28	0.07	2.2	2.8	95	2	3
WH16	75	6.8	2.81	0.19	120	4	320	4.6	9.04	0.75	4.2	4	91.8	4	1
WH17	36	7.2	4.39	0.31	340	27	810	6.35	17.8	2.08	3.5	7	89.5	4	1
WH18	12	6.2	1.81	0.12	84	2	340	1.36	6.63	0.64	1.6	10.8	87.5	4	2
WH19	4	6.1	0.74	0.04	74	0.2	130	0.59	2.05	0.27	3.8	4.8	91.4	5	4
WH20	33	7.4	0.96	0.06	46	0.2	90	2.02	2.01	0.22	2.8	2.6	94.5	4	1
WH21	3	6.1	0.63	0.03	39	0.2	77	0.27	0.72	0.14	5.7	3.9	90.4	4	1
WH22	7	6.2	0.96	0.06	130	2	160	0.69	2.35	0.33	2.9	2.9	94.3	5	4
WH23	17	6.7	0.7	0.06	92	3	250	1.07	1.64	0.62	5	4.2	90.9	4	1
WK01	6	6.1	1.23	0.07	52	2	100	0.51	2.69	0.18	1.6	3.7	94.7	5	5
WK04	21	6.9	1.27	0.05	48	0.2	170	2.87	3.24	0.37	7.6	4.7	87.7	4	2
WK05	15	6.3	2.69	0.12	76	5	140	1.67	7.55	0.3	4.1	2	93.9	4	2
WK06	6	5.8	0.81	0.03	14	0.2	36	0.17	0.68	0.09	0.6	1.3	98.1	2	5
WK07	7	6.1	1.78	0.11	66	3	230	1.7	6.08	0.43	4.9	6.5	88.6	5	1
WK08	11	5.2	4.51	0.12	53	4	120	0.78	1.94	0.22	5.4	1.6	93	4	1
WK09	13	5.5	2.3	0.1	55	2	110	0.66	1.26	0.22	2.2	2.8	95	2	1
WK10	5	5.9	0.74	0.04	35	2	32	0.11	1.1	0.04	0.9	1.5	97.7	1	9
WK11	8	6.1	1.92	0.08	76	3	120	1.02	3.24	0.22	2.8	3.4	93.9	4	1
WK12	14	6.5	3.04	0.17	140	7	290	1.77	8.37	0.59	5.5	5.2	89.3	4	4
WK13	4	5.7	1.05	0.03	11	2	23	0.21	0.92	0.07	0.7	0.8	98.5	1	9

Quadrat	EC	pH	OrgC	NTOT	PTOT	Pav	Kav	Mg	Ca	K	Clay	Silt	Sand	Stype	Sdep
WK14	10	5.7	1.49	0.05	30	2	94	0.53	0.91	0.22	2.7	1.9	95.3	2	1
WK15	18	6.3	3.3	0.14	200	8	360	5.91	7.44	0.72	3.5	3.8	92.7	4	1
WK16	10	6.2	1.72	0.07	49	2	79	0.64	4.34	0.2	1.3	2.2	96.5	5	6
WK18	19	6.5	0.98	0.05	46	3	89	1.19	1.71	0.16	3	4.4	92.7	4	4
WK19	21	6.4	2.11	0.1	80	5	260	3.4	7.16	0.52	6.2	4.9	88.9	4	1
WK20	12	6	1.36	0.08	55	2	75	0.81	3.2	0.14	3.2	3	93.8	4	2
WK21	6	5.5	0.96	0.06	29	2	46	0.27	1.02	0.08	1.3	1.8	96.9	1	9
WK22	4	5.4	1.02	0.04	20	2	23	0.15	0.82	0.02	0.9	1.3	97.8	1	9
WK23	6	5.6	0.82	0.05	30	2	45	0.16	1.16	0.07	0.9	0.7	98.4	1	9
WK24	5	5.8	1.32	0.09	51	3	45	0.25	3.2	0.05	2.3	1.3	96.3	5	4
WK25	8	5.4	1.31	0.05	28	2	48	0.33	1.18	0.08	1.9	2	96.1	1	9
WK26	3	6.1	1.35	0.07	52	2	130	0.4	2.8	0.21	2.7	3.9	93.4	5	2
WK27	5	5.8	1.97	0.07	58	2	67	0.55	1.73	0.12	4.4	2.5	93.2	4	4
WK28	28	5.3	9.06	0.27	140	8	280	1.87	3.9	0.41	5.3	2.9	91.7	4	5
WK29	23	5.6	5.95	0.18	110	7	290	2.42	5.68	0.43	5.6	3.5	90.9	4	4
WK30	12	5.7	1.43	0.06	39	2	110	0.51	1.17	0.2	2.7	2.7	94.7	2	1
WK31	40	6.5	3.42	0.11	94	3	220	5.61	4.38	0.61	8.2	4.2	87.6	2	2
WK32	8	5.8	2.12	0.08	61	3	160	1.44	4.39	0.33	3.5	3.4	93.1	2	3
WK33	14	6.3	7.15	0.22	120	8	390	3.17	18	0.72	5.8	1.5	92.7	4	3
WK34	24	6.5	6.47	0.25	310	13	750	3.79	15.2	1.8	4.6	2.2	93.2	4	3
WK35	3	5.8	1.03	0.05	33	0.2	69	0.67	2.43	0.19	3.8	2	94.1	1	9
WK36	10	6.2	5.08	0.13	78	4	200	2.43	8.08	0.41	3.4	0.9	95.7	2	5
WK37	7	5.9	3.73	0.13	100	5	230	1.55	4.06	0.45	4.7	2.1	93.2	2	3
WK38	3	5.9	1.37	0.06	36	2	50	0.52	2.43	0.14	3.7	1.7	94.6	4	2
WK39	17	5.7	1.79	0.09	58	4	100	0.66	1.85	0.18	4.1	2.9	93	4	3
WK40	4	5.8	1.33	0.06	48	0.2	47	0.39	1.6	0.12	3.2	2.7	94.1	1	9
WK41	6	5.8	2.31	0.07	47	2	67	0.86	2.69	0.14	4.3	1.3	94.3	2	4
WK42	2	6.1	1.41	0.06	54	3	91	0.44	1.78	0.17	2.6	3.3	94.1	2	4
WK43	4	5.6	1.28	0.07	38	3	110	0.26	1.52	0.17	4.3	3.1	92.6	5	4
WK44	33	6.2	5.52	0.2	150	7	340	8.62	11.6	0.71	4	4.4	91.6	4	2
WU01	8	5.6	1.28	0.08	73	2	150	0.71	2.91	0.27	2.7	4.1	93.2	5	3
WU02	4	6.6	1.22	0.07	72	3	270	2.53	4.2	0.55	6.3	5.2	88.6	5	4
WU03	5	5.8	0.7	0.04	81	2	180	0.76	1.74	0.36	5.2	3.5	91.3	5	3
WU04	2	5.6	0.65	0.03	26	0.2	30	0.15	0.57	0.04	3.7	2	94.3	1	9
WU05	4	5.2	0.83	0.04	33	0.2	56	0.11	0.3	0.1	3.9	3	93.2	2	1
WU05B	9	6.5	1.1	0.06	59	2	140	2.36	2.84	0.37	9.9	5.1	85	4	1
WU06	6	5.3	1.02	0.05	47	2	90	0.22	0.62	0.17	2.7	5.3	92	2	1
WU07	16	6.5	0.62	0.04	150	5	210	1.57	1.04	0.56	4.7	4.6	90.7	5	3
WU09	18	7.9	1.11	0.07	85	5	280	1.7	10.2	0.82	3.4	3.4	93.2	5	4
WU10	10	7	1.46	0.09	140	5	180	1.48	4.49	0.44	3.3	2.2	94.4	5	4
WU11	22	6.4	1.49	0.08	83	6	220	2.62	4.31	0.44	9.7	4	86.3	4	1
WU12	5	6.3	0.5	0.02	16	0.2	31	0.25	1.06	0.06	1.4	1.4	97.1	1	9
WU15	3	6.1	0.76	0.02	20	0.2	32	0.2	1	0.05	2.4	1.7	95.8	2	1
WU16	6	6.5	0.54	0.03	31	2	60	0.47	1.37	0.12	2.9	1.9	95.2	4	5
WU17	5	5.3	0.57	0.03	65	3	90	0.19	0.32	0.14	1.8	3.5	94.6	5	1
WU18	13	5.4	0.87	0.04	88	4	72	0.49	0.81	0.16	3.4	2.2	94.4	1	9
WU19	6	5	0.82	0.03	27	2	47	0.16	0.5	0.09	1.2	2.3	96.5	1	9
WU20	4	6.2	0.66	0.03	35	2	100	0.63	2.47	0.19	3.1	4.6	92.3	1	9
WU21	5	6.1	0.7	0.03	37	2	73	0.36	1.87	0.13	2.9	1.9	95.2	1	9
WU23	3	6.2	0.58	0.03	26	0.2	22	0.17	0.58	0.04	1.3	1.3	97.3	1	9
WU24	2	6	0.62	0.02	16	0.2	23	0.16	0.58	0.05	3.3	1.1	95.6	1	9
YO02	8	6.5	1.28	0.07	98	3	220	1.27	3.33	0.47	4.2	5.2	90.7	5	4
YO03	5	5.9	1.16	0.05	39	2	89	0.53	1.25	0.15	2.2	2.9	94.8	4	3
YO04	5	5.8	0.76	0.03	12	2	40	0.35	1.39	0.06	0.9	0.5	98.6	1	9
YO05	42	5.8	7.07	0.2	110	7	280	3.29	6.77	0.44	6.3	3.8	89.9	4	1
YO06	6	5.4	1.19	0.05	25	2	39	0.36	2.38	0.06	0.8	2.3	96.9	1	9
YO07	7	6	2.07	0.07	47	3	83	0.99	3.63	0.17	0.8	2	97.2	1	9
YO08	15	6.1	3.86	0.12	91	4	230	1.35	7.75	0.41	2.7	3.3	94.1	2	1
YO10	20	5.8	4.1	0.17	110	5	180	2.28	6.16	0.32	7.3	3.3	89.4	4	1
YO11	18	6.2	1.72	0.09	52	2	52	1.82	0.7	0.08	5.2	3.7	91.1	4	2
YO12	6	6	1.14	0.05	35	3	61	0.43	2.09	0.12	1.8	1.5	96.7	1	9
YO13	6	5.5	1.34	0.07	52	3	100	0.29	1.51	0.18	1.5	4.2	94.3	5	2
YO14	2	6	0.86	0.03	11	0.2	13	0.21	1.33	0.02	0.4	0.6	99	1	9
YO15	2	5.1	1.23	0.03	8	0.2	13	0.43	2	0.03	0.1	0.9	99	1	9
YO16	6	6.3	2	0.11	110	2	220	3.06	7.86	0.44	6.9	7.2	85.9	5	2

Quadrat	EC	pH	OrgC	NTOT	PTOT	Pav	Kav	Mg	Ca	K	Clay	Silt	Sand	Stype	Sdep
YO17	4	5.3	2.68	0.17	110	4	93	0.13	0.78	0.14	2.2	2.6	95.2	5	2
YO18	8	5.9	1.91	0.07	60	3	110	0.92	2.5	0.23	4.2	3.7	92.2	4	1
YO19	15	5.4	3.88	0.11	78	4	140	0.92	2.84	0.25	2.3	2.2	95.5	4	4
YO20	26	8	2.39	0.14	91	6	600	5.53	14.3	1.4	2.5	3.9	93.6	5	2
YO21	9	5.4	1.31	0.07	74	2	150	0.38	0.89	0.28	3	3.8	93.2	5	2
YO22	8	6.5	1.8	0.1	120	5	260	4.58	4.38	0.58	5.2	5.9	89	4	2
YO23	8	5.8	1.6	0.1	110	4	150	1.38	2.89	0.32	21	7	72	4	3
YO24	5	5.8	2.88	0.09	45	3	81	0.54	2.96	0.16	2.4	2.2	95.3	2	3
YO25	10	6.3	0.84	0.05	34	2	110	0.8	2.08	0.19	1.2	4.3	94.6	4	2
YO26	4	5.9	0.57	0.04	23	0.2	42	0.17	0.28	0.04	1.3	2.2	96.5	4	1
YO27	1	5.5	0.44	0.02	14	0.2	11	0.12	0.78	0.04	0.5	0.4	99.1	1	9
YO28	2	5.8	0.64	0.03	13	0.2	11	0.19	1.6	0.02	0.4	0.6	99	1	9
YO30	8	6.2	4.64	0.19	92	3	100	1.66	6.87	0.21	2.8	2.6	94.6	2	1
YO31	9	6.3	4.69	0.17	110	4	97	2.41	6.7	0.2	2.7	2.7	94.6	4	2
YO32	3	6.3	2.51	0.08	55	2	51	0.89	3.59	0.11	0.8	5.1	94.1	2	1
YO33	5	6.4	2.55	0.1	59	2	81	1.12	6.03	0.17	1.8	2.6	95.6	2	2
YO34	2	6	1.28	0.05	20	0.2	25	0.38	2.83	0.05	0.8	2.3	96.9	4	9
YO35	5	6.1	2.76	0.09	60	3	94	1.16	3.6	0.17	0.9	3.1	96	4	2
YO36	12	6.8	4.02	0.14	130	4	94	1.38	10.6	0.27	1.1	3.6	95.3	4	2
YO37	3	6.1	1.2	0.04	28	0.2	29	0.42	2.01	0.07	0.8	2.5	96.8	1	9
YO38	6	6	4.7	0.18	200	15	140	0.8	3.88	0.22	2.5	4.3	93.3	5	1
YO39	4	6.4	2.74	0.1	67	2	96	0.96	5.12	0.2	1.2	3.2	95.5	5	2
YO40	7	6.3	3.93	0.11	72	2	61	1.04	6.09	0.13	1.5	3.9	94.5	2	2
YO41	9	5.7	3.48	0.13	55	2	95	1.96	3.13	0.18	0.3	4.6	95.1	4	2
YO42	2	6	1.19	0.06	56	0.2	93	0.61	1.34	0.19	2.7	5	92.3	2	2
YO43	6	6.1	7.69	0.27	180	8	150	2.18	9.81	0.28	0.8	2.9	96.3	2	1
YO44	4	6.1	3.1	0.08	52	2	62	0.54	2.58	0.12	2.2	2.8	95	2	1
YO45	7	6.2	5.45	0.17	160	5	110	1.21	6	0.2	1.6	2.9	95.5	2	3
YO46	17	5.5	9.15	0.21	130	7	180	1.98	5.39	0.39	3.3	2.1	94.7	2	1
YO47	4	5.5	4.08	0.12	49	3	44	0.44	1.57	0.11	1.3	1.6	97.1	2	1
YO48	5	6.1	3.53	0.13	80	2	100	1.27	3.22	0.24	2.2	2.8	95	4	2
YO49	2	6.3	1.65	0.07	63	0.2	63	0.57	2.41	0.15	1.7	3.4	94.9	5	2
YO50	3	5.7	1.52	0.07	51	0.2	57	0.41	1.18	0.12	1.2	4.3	94.6	4	3
YO51	6	6.2	4.78	0.19	100	3	64	1.51	8.42	0.13	1.1	2.6	96.3	2	3
YO52	5	6.2	5.37	0.18	140	4	140	1.98	8.7	0.27	0.5	4.2	95.3	2	2
YO53	2	6.3	1.42	0.06	68	0.2	48	0.4	2.32	0.1	1.1	2.8	96	4	2
YO54	6	6.4	4.89	0.17	160	5	150	1.98	11.4	0.28	2.5	4.2	93.3	4	2
YO55	3	6.1	1.75	0.09	84	2	110	0.7	4.71	0.2	3	5.9	91.1	5	2
YO56	5	6.1	2.11	0.11	85	3	220	1.08	5.25	0.41	3.2	4.7	92.1	5	4
YO57	3	5.7	1.08	0.05	31	2	28	0.28	2.09	0.08	0.7	2.7	96.7	1	9

Appendix 2. Location and climate estimates for the 682 plots. Lat, latitude (°S); Long, longitude (°E) (GPS datum AGD66); Elev, altitude above sea level (m); MTAnn, annual mean temperature (°C); Isoth, isothermality; MnTCP, coldest period minimum temperature (°C); T_AR, temperature annual range (°C); MTWetQ, wettest quarter mean temperature (°C); MTDQ, driest quarter mean temperature (°C); MTClQ, coldest quarter mean temperature (°C); Pann, annual mean precipitation (mm); PWetP, wettest period precipitation (mm); PSeas, precipitation seasonality; PWrQ, warmest quarter precipitation (mm). Note fixes reported here provide the best available fix for the location of the vegetation quadrats, and may vary slightly from those reported for the fauna quadrats elsewhere in this volume.

Quadrat	Lat	Long	Elev	TAnn	Isoth	MnTCP	T_AR	MTWetQ	MTDQ	MTClQ	Pann	PWetP	PSeas	PWrQ
BE01	-30.237167	118.302556	448	18.1	0.46	4.5	30	11.8	20.8	10.8	283	45	53	41
BE02	-30.238111	118.335972	455	18.1	0.46	4.5	30	11.8	20.8	10.7	280	45	52	41
BE03	-30.636389	118.427444	410	17.9	0.47	4.6	29.6	11.8	23.6	10.7	273	43	51	38
BE04	-30.634194	118.484167	351	18.2	0.47	4.8	29.8	12.1	23.9	11.1	262	41	50	37
BE05	-30.660361	118.476944	340	18.2	0.47	4.8	29.7	12.1	23.9	11.1	261	41	50	37
BE06	-30.596139	117.907750	373	18	0.47	5.1	29.1	12.1	23.5	11.1	306	52	56	41
BE07	-30.547194	117.565500	364	18.1	0.47	5.4	28.9	12.3	23.6	11.2	308	55	59	40
BE08	-30.529611	117.579056	341	18.3	0.47	5.5	28.9	12.5	23.7	11.4	304	54	59	39
BE09	-30.530694	117.563694	356	18.2	0.47	5.4	28.9	12.4	23.6	11.3	307	55	59	39
BE12	-30.330861	117.753417	384	18.3	0.47	5.1	29.5	12.2	23.9	11.2	308	54	57	41
BE13	-30.348611	117.758000	381	18.3	0.47	5.2	29.4	12.2	23.8	11.2	308	54	57	41
BE14	-30.502611	117.561778	342	18.3	0.47	5.5	29	12.5	23.7	11.4	305	54	59	39
BE15	-30.545833	117.576111	342	18.2	0.47	5.5	28.9	12.4	23.7	11.4	304	54	59	39
BE17	-30.243972	118.275722	448	18.1	0.47	4.6	30	11.8	20.8	10.8	286	46	53	41
BE18	-30.488333	118.345250	411	18	0.47	4.7	29.7	11.9	23.7	10.8	276	43	51	38
BE19	-30.864194	118.059250	406	17.6	0.47	4.8	28.9	11.8	23.1	10.7	302	50	53	43
DA01	-33.356000	116.618667	295	14.9	0.52	4.2	26.1	9.6	20.8	9.6	619	113	75	43
DA02	-33.357194	116.617750	295	14.9	0.52	4.2	26.1	9.6	20.8	9.6	619	113	75	43
DA03	-33.313139	116.806056	252	15.3	0.52	4.6	26	10	21.2	10	533	99	73	39
DA04	-33.470278	116.633306	302	14.8	0.52	4.2	25.8	9.6	20.6	9.6	604	109	73	43
DA05	-33.488083	116.886556	229	15.4	0.52	4.8	25.6	10.2	21.1	10.2	499	89	68	41
DA06	-33.501556	116.948278	214	15.5	0.52	5	25.5	11.2	21.2	10.3	482	86	68	40
DA08	-33.646806	116.938583	246	15.2	0.52	5	25.1	10.1	20.8	10.1	500	88	67	41
DA09	-33.649750	116.939917	247	15.2	0.52	5	25.1	10.1	20.8	10.1	500	88	66	42
DA10	-33.605750	116.627583	312	14.7	0.52	4.2	25.5	9.5	20.4	9.5	603	108	71	44
DA11	-33.298083	116.771972	343	14.8	0.52	4.2	25.9	9.5	20.7	9.5	570	105	73	42
DA12	-33.620167	116.580667	311	14.6	0.52	4.2	25.5	9.5	20.3	9.5	622	112	72	44
DA13	-33.841611	116.988611	272	15	0.51	5.1	24.4	10	20.4	10	521	89	65	43
DA14	-33.296278	116.805028	250	15.3	0.52	4.6	26	10	21.2	10	533	99	73	39
DA15	-33.528750	116.730500	238	15.2	0.52	4.6	25.7	10	20.9	10	546	98	70	42
DA16	-33.524861	116.734056	234	15.2	0.52	4.6	25.7	10	21	10	544	97	70	42
DA17	-33.587500	116.603250	310	14.7	0.52	4.2	25.6	9.5	20.4	9.5	613	110	72	44
DA19	-34.024722	117.032806	302	14.7	0.52	5.2	23.6	9.9	19.9	9.9	551	90	63	53
DA22	-33.691111	117.248917	270	15.2	0.51	5.2	24.7	11	20.8	10.1	479	83	64	43
DA23	-33.595500	117.225278	261	15.3	0.51	5.2	25	11.1	21	10.2	466	82	65	42
DA24	-33.494639	117.254639	240	15.6	0.51	5.2	25.3	11.2	21.3	10.3	446	79	65	41
DA25	-33.612944	116.629806	310	14.7	0.52	4.2	25.5	9.5	20.4	9.5	601	108	71	44
DA26	-33.696472	117.242083	279	15.2	0.51	5.2	24.7	11	20.7	10.1	483	83	64	43
DA27	-33.499167	117.066778	226	15.5	0.51	5.1	25.4	11.2	21.2	10.3	463	83	67	40
DN01	-30.371361	115.986611	227	18	0.51	5.5	28.6	12.8	22.7	11.8	431	87	77	46
DN02	-30.255833	116.021444	300	17.8	0.5	5.3	28.9	12.5	22.6	11.5	422	85	76	47
DN03	-30.186000	116.030917	264	18.1	0.51	5.4	29.1	12.8	22.9	11.7	402	82	76	46
DN04	-30.154667	115.960694	245	18.2	0.51	5.6	29	13	23	11.9	411	85	77	45
DN05	-30.010167	115.902333	230	18.5	0.51	5.9	29.1	12.2	23.3	12.2	403	85	79	44
DN06	-30.061556	115.921361	234	18.4	0.51	5.8	29.1	12.1	23.2	12.1	406	85	78	44
DN08	-30.134500	115.795778	279	18.1	0.51	5.7	28.5	11.9	22.6	11.9	460	96	80	44
DN09	-30.191500	115.734861	294	17.9	0.51	5.8	28.2	11.8	22.4	11.8	489	102	81	44
DN10	-30.070833	115.568639	316	18	0.51	6.1	27.9	12	22.3	12	522	113	85	42
DN11	-30.029639	115.554861	327	18	0.51	6.1	28	12	22.3	12	522	114	85	42
DN12	-30.027917	115.564889	325	18	0.51	6.1	28	12	22.3	12	519	113	85	42
DU01	-33.232139	117.425139	330	15.4	0.5	4.7	25.8	10.9	21.3	9.9	426	74	63	42
DU02	-33.085194	117.781917	340	15.5	0.5	4.5	26.3	10.9	21.6	9.9	385	64	58	42
DU03	-33.077083	117.695667	423	15.1	0.5	4.2	26.2	10.4	21.2	9.4	408	69	59	44
DU04	-33.049889	117.684056	399	15.2	0.5	4.3	26.3	10.5	21.3	9.6	403	68	60	43
DU06	-33.378944	117.642056	272	15.6	0.51	5	25.5	11.2	21.4	10.2	399	66	57	43
DU07	-33.718472	117.854944	281	15.2	0.51	5.1	24.1	11.1	20.6	10.2	400	62	54	44
DU09	-33.452194	118.115861	305	15.4	0.51	4.8	25	11	21	10.1	389	61	54	45

Quadrat	Lat	Long	Elev	TAnn	Isoth	MnTCP	T_AR	MTWetQ	MTDQ	MTClQ	Pann	PWetP	PSeas	PWrQ
DU10	-33.336083	118.259556	367	15.2	0.51	4.5	25.3	10.8	20.9	9.8	373	58	52	45
DU11	-33.342361	118.259556	363	15.2	0.51	4.5	25.3	10.8	20.9	9.8	373	58	52	45
DU12	-33.357472	118.314139	352	15.3	0.51	4.6	25.2	10.8	20.9	9.9	366	57	51	45
DU14	-33.231611	117.431889	328	15.4	0.5	4.8	25.8	10.9	21.3	9.9	425	73	63	42
DU15	-33.064167	117.696722	416	15.1	0.5	4.2	26.2	10.4	21.2	9.5	406	68	60	43
DU16	-33.089194	117.779611	340	15.5	0.5	4.5	26.3	10.9	21.6	9.9	385	64	58	42
DU17	-33.089167	117.837778	310	15.7	0.5	4.6	26.3	11.1	21.7	10.1	376	62	57	41
DU18	-33.101694	117.835694	306	15.7	0.51	4.7	26.3	11.1	21.7	10.1	376	62	57	41
DU19	-33.715528	117.853917	281	15.2	0.51	5.1	24.1	11.1	20.6	10.2	401	62	54	44
DU20	-33.718028	118.324889	347	14.9	0.52	4.8	23.7	10.8	20.1	9.9	385	57	48	49
DU21	-33.654472	118.304972	331	15	0.52	4.9	24	10.9	20.4	10	382	57	49	48
DU24	-33.096250	118.157861	421	15.1	0.5	4.1	26.2	10.5	21.2	9.5	377	60	54	44
DU25	-33.088694	117.691417	410	15.1	0.5	4.3	26.2	10.5	21.2	9.5	406	68	59	43
ES01	-33.747083	121.815250	88	15.9	0.55	6.6	19.8	11.7	19.9	11.7	574	84	51	68
ES02	-33.728333	121.797306	96	15.8	0.54	6.5	20.1	11.6	19.9	11.6	563	81	50	68
ES05	-33.488694	121.971167	175	15.6	0.54	5.7	21.9	11.1	20.1	11.1	461	59	41	67
ES07	-33.474722	122.121306	195	15.5	0.54	5.6	21.8	11	20	11	464	59	40	68
ES08	-33.458389	122.140639	271	15.1	0.54	5.2	21.9	10.5	19.7	10.5	467	59	39	69
ES09	-33.484694	122.240722	148	15.8	0.55	5.8	21.6	11.3	20.2	11.3	462	59	40	67
ES11	-33.731417	122.297167	115	15.7	0.55	6.3	20	11.5	19.7	11.5	580	84	50	70
ES14	-33.292306	122.119083	279	15.3	0.54	5	22.9	10.4	20.1	10.4	417	50	34	64
ES15	-33.292250	122.122028	287	15.2	0.54	4.9	22.9	10.4	20	10.4	418	50	34	64
ES16	-33.290500	122.125333	294	15.2	0.54	4.9	22.9	10.3	20	10.3	419	50	34	64
ES17	-33.285444	122.118972	270	15.3	0.54	5	23	10.5	20.1	10.5	414	50	34	63
ES18	-33.278361	122.109750	239	15.5	0.54	5.1	23	11.5	20.3	10.7	407	49	34	62
ES19	-33.617306	122.406806	151	15.6	0.55	5.9	20.7	11.3	19.8	11.3	516	69	44	69
ES20	-33.436972	122.393111	169	15.7	0.55	5.6	21.8	11.1	20.1	11.1	453	56	39	68
ES21	-33.436389	122.394167	171	15.7	0.55	5.6	21.8	11.1	20.1	11.1	453	56	39	68
ES22	-33.397917	122.434667	278	15.2	0.54	5.1	22	10.5	19.7	10.5	458	56	37	70
ES23	-33.406444	122.425583	250	15.3	0.54	5.2	22	10.7	19.8	10.7	456	56	37	70
ES24	-33.411500	122.421778	237	15.4	0.54	5.3	22	10.7	19.9	10.7	455	56	38	69
GP01	-33.348333	120.872639	257	15.7	0.54	5.5	23.2	10.9	20.6	10.9	363	42	29	54
GP02	-33.366861	120.995389	242	15.7	0.54	5.5	23.1	10.9	20.5	10.9	367	42	29	54
GP03	-33.257750	121.096500	229	15.9	0.54	5.4	23.7	10.9	20.8	10.9	346	40	28	54
GP04	-33.158639	121.000778	231	16	0.54	5.3	24.1	11.8	21.1	10.9	325	38	27	52
GP06	-33.112861	121.192944	237	15.9	0.54	5.1	24.4	11.6	21.1	10.8	328	38	26	54
GP07	-33.205528	121.302361	191	16	0.54	5.3	24	11.8	21	11	345	41	29	55
GP08	-33.385750	121.582278	179	15.8	0.54	5.5	23	11.8	20.6	11	397	49	35	65
GP09	-33.517222	121.559111	143	15.9	0.54	5.9	22.2	11.3	20.4	11.3	445	56	40	66
GP10	-33.508806	121.466944	144	15.9	0.54	5.9	22.2	11.3	20.5	11.3	439	54	39	66
GP12	-33.475167	121.236000	171	15.9	0.54	5.8	22.5	11.2	20.5	11.2	415	50	35	68
GP13	-33.722583	121.065583	76	16.2	0.55	6.6	21.2	11.9	20.5	11.9	501	64	43	70
GP14	-33.393222	121.650667	184	15.7	0.54	5.4	23	11.8	20.5	11	399	49	35	65
GP15	-33.162833	120.970194	233	16	0.54	5.3	24.1	11.8	21.1	10.9	325	38	27	52
GP16	-33.160944	120.993944	231	16	0.54	5.3	24.1	11.8	21.1	10.9	325	38	27	52
GP17	-33.151500	121.207306	215	16	0.54	5.2	24.3	11.7	21.1	10.9	333	39	27	54
GP18	-33.685278	120.777778	121	16.1	0.55	6.5	21.6	12.6	20.5	11.7	480	58	39	72
GP19	-33.661667	120.801667	142	16.1	0.55	6.3	21.7	12.4	20.5	11.6	473	57	38	73
GP20	-33.511833	120.586639	175	16.1	0.54	6.2	22.5	12.3	20.7	11.5	412	49	34	57
GP21	-33.494806	120.598472	186	16.1	0.54	6.1	22.5	12.3	20.7	11.4	408	49	34	57
GP22	-33.475278	120.612722	200	16	0.54	6	22.6	12.2	20.7	11.3	403	48	33	57
GP23	-33.371083	120.780639	215	16	0.54	5.8	23.1	12	20.8	11.1	368	43	30	54
GP24	-33.356306	121.027556	235	15.8	0.54	5.5	23.2	10.9	20.6	10.9	365	41	29	54
GP25	-33.269167	121.642778	201	15.8	0.54	5.2	23.7	11.6	20.7	10.8	365	44	32	59
HY01	-32.632028	118.994389	391	15.9	0.51	4.2	27.1	10.9	20.7	10	348	53	49	46
HY03	-32.644389	118.986444	394	15.9	0.51	4.2	27.1	10.9	20.7	9.9	349	53	49	46
HY04	-32.690722	118.974861	397	15.8	0.51	4.2	27	10.9	20.6	9.9	350	54	49	45
HY05	-32.759778	119.002056	420	15.6	0.51	4.2	26.7	10.8	20.3	9.8	354	54	49	46
HY06	-32.769500	119.008806	423	15.6	0.51	4.2	26.7	10.7	20.3	9.8	354	54	49	47
HY07	-32.777722	119.233611	422	15.7	0.51	4.3	26.4	10.8	20.2	9.9	347	51	45	48
HY09	-32.913778	119.475472	339	16	0.52	4.8	25.7	11.4	20.3	10.4	327	46	41	48
HY10	-32.692972	119.340389	323	16.3	0.51	4.7	26.6	11.4	20.9	10.5	329	48	44	46
HY12	-32.542139	119.378250	310	16.5	0.51	4.7	27	11.5	22.6	10.6	327	48	44	46
HY13	-32.614694	119.102778	342	16.2	0.51	4.5	27.1	11.2	21	10.3	339	51	47	46

Quadrat	Lat	Long	Elev	TAnn	Isoth	MnTCP	T_AR	MTWetQ	MTDQ	MTCIQ	Pann	PWetP	PSeas	PWrQ
HY14	-32.557222	119.067806	331	16.3	0.51	4.5	27.3	11.3	21.1	10.3	338	51	48	45
HY15	-32.779667	119.075861	451	15.5	0.51	4.1	26.5	10.6	20.1	9.6	357	54	47	48
HY16	-32.821722	119.066056	409	15.7	0.51	4.3	26.4	10.8	20.2	9.9	350	53	47	47
HY17	-32.824556	119.043556	408	15.7	0.51	4.3	26.5	10.8	20.2	9.9	351	53	48	47
HY18	-32.821944	119.033611	407	15.7	0.51	4.3	26.5	10.8	20.2	9.9	351	53	48	47
HY19	-32.730528	119.003417	402	15.8	0.51	4.2	26.8	10.9	20.4	9.9	350	53	49	46
HY21	-32.817500	119.401111	313	16.2	0.52	4.9	26.1	11.5	20.6	10.5	325	47	43	47
HY22	-32.607778	119.347222	366	16.1	0.51	4.5	26.8	11.2	22.2	10.2	337	49	44	48
HY23	-32.688083	119.094583	357	16.1	0.51	4.4	26.9	11.1	20.7	10.2	341	51	47	46
HY24	-32.702222	119.369167	320	16.3	0.51	4.7	26.5	11.4	20.9	10.5	328	48	44	46
HY26	-32.755250	119.131361	398	15.8	0.51	4.3	26.6	10.9	20.4	10	346	52	47	47
HY27	-32.753000	119.110917	392	15.8	0.51	4.3	26.6	10.9	20.4	10	346	52	47	47
HY28	-32.755972	119.137806	396	15.8	0.51	4.3	26.6	10.9	20.4	10	346	52	47	47
HY29	-32.639028	118.976111	398	15.9	0.51	4.2	27.1	10.9	20.7	9.9	350	54	49	46
HY30	-32.630000	118.974806	398	15.9	0.51	4.2	27.2	10.9	20.7	9.9	350	54	49	46
HY31	-32.624361	118.975389	398	15.9	0.51	4.2	27.2	10.9	20.7	9.9	350	54	49	46
HY32	-32.613583	118.953583	400	15.9	0.5	4.2	27.2	10.9	20.7	9.9	350	54	50	45
HY33	-32.751333	118.952389	416	15.7	0.51	4.2	26.8	10.8	20.3	9.8	354	54	50	46
HY34	-32.787250	119.067917	452	15.5	0.51	4.1	26.5	10.6	20.1	9.6	357	54	47	48
HY35	-32.644250	118.990750	393	15.9	0.51	4.2	27.1	10.9	20.7	10	349	53	49	46
HY36	-32.613194	118.938806	400	15.9	0.5	4.2	27.2	10.9	20.7	9.9	350	54	50	45
HY37	-32.617000	118.943833	400	15.9	0.5	4.2	27.2	10.9	20.7	9.9	350	54	50	45
HY38	-32.639639	119.069472	348	16.2	0.51	4.4	27.1	11.2	20.9	10.2	340	51	48	45
HY39	-32.636417	119.050111	358	16.1	0.51	4.4	27.1	11.1	20.8	10.2	342	52	48	45
HY40	-32.694917	118.944611	385	15.9	0.51	4.3	27	10.9	20.6	10	348	54	50	45
HY41	-32.706361	118.943361	381	15.9	0.51	4.3	27	11	20.6	10	348	54	50	45
HY42	-32.690861	119.030361	380	15.9	0.51	4.3	26.9	11	20.6	10	346	53	48	46
HY43	-32.745417	118.988750	422	15.7	0.51	4.2	26.8	10.7	20.3	9.8	354	54	49	46
HY44	-32.720333	119.003639	398	15.8	0.51	4.2	26.8	10.9	20.5	9.9	350	53	49	46
HY45	-32.771583	119.084944	414	15.7	0.51	4.2	26.6	10.8	20.3	9.9	350	53	47	47
HY46	-32.784306	119.071167	452	15.5	0.51	4.1	26.5	10.6	20.1	9.6	357	54	47	48
HY47	-32.827889	119.045917	403	15.7	0.51	4.3	26.4	10.9	20.2	9.9	350	53	48	47
HY48	-32.744750	119.021083	397	15.8	0.51	4.3	26.8	10.9	20.4	9.9	349	53	49	46
HY49	-32.746472	119.065194	393	15.8	0.51	4.3	26.7	10.9	20.5	10	347	52	48	46
HY50	-32.834667	119.003167	378	15.8	0.51	4.4	26.5	11	20.4	10	348	53	49	46
HY51	-32.833694	119.027944	390	15.7	0.51	4.4	26.5	10.9	20.3	10	349	53	48	46
HY52	-32.823028	119.037056	407	15.7	0.51	4.3	26.5	10.8	20.2	9.9	351	53	48	47
HY53	-32.823833	119.059667	409	15.6	0.51	4.3	26.4	10.8	20.2	9.9	351	53	47	47
HY54	-32.874778	119.115306	343	16	0.51	4.6	26.2	11.2	20.4	10.3	338	50	46	46
HY55	-32.856417	119.185361	339	16	0.51	4.7	26.2	11.3	20.5	10.3	334	49	45	46
HY56	-32.608778	119.357167	360	16.2	0.51	4.5	26.8	11.2	22.2	10.3	336	49	44	48
HY57	-32.609111	119.348667	366	16.1	0.51	4.5	26.8	11.2	22.2	10.2	337	49	44	48
HY58	-32.628250	119.333583	372	16.1	0.51	4.5	26.8	11.1	22.1	10.2	338	50	44	48
HY59	-32.646278	119.341028	352	16.2	0.51	4.6	26.7	11.2	22.2	10.3	335	49	44	47
HY60	-32.644278	119.338417	354	16.2	0.51	4.6	26.7	11.2	22.2	10.3	335	49	44	47
HY62	-32.644583	119.388389	332	16.3	0.51	4.7	26.7	11.4	22.3	10.4	330	48	43	47
HY63	-32.643972	119.382639	336	16.3	0.51	4.6	26.7	11.3	22.3	10.4	331	48	44	47
HY64	-32.586167	119.415611	312	16.5	0.51	4.7	26.9	11.5	22.5	10.6	327	48	43	47
HY66	-32.541611	119.382806	311	16.5	0.51	4.7	27	11.5	22.6	10.6	327	48	44	46
HY67	-32.548194	119.374917	310	16.5	0.51	4.7	27	11.5	22.6	10.6	327	48	44	46
HY68	-32.630667	119.359667	361	16.1	0.51	4.5	26.8	11.2	22.2	10.3	336	49	44	48
HY69	-32.620333	119.354528	368	16.1	0.51	4.5	26.8	11.2	22.2	10.2	337	49	44	48
HY72	-32.647028	119.400722	324	16.3	0.51	4.7	26.7	11.4	22.3	10.5	329	48	43	47
HY73	-32.551139	119.441528	328	16.4	0.51	4.7	26.9	11.4	22.5	10.5	329	48	43	47
HY74	-32.556861	119.418583	312	16.5	0.51	4.7	26.9	11.5	22.5	10.6	327	48	43	47
HY77	-32.572917	119.404250	311	16.5	0.51	4.7	26.9	11.5	22.5	10.6	327	48	43	46
HY78	-32.580806	119.408806	312	16.5	0.51	4.7	26.9	11.5	22.5	10.6	327	48	43	46
HY79	-32.644000	119.333833	352	16.2	0.51	4.6	26.7	11.2	22.2	10.3	335	49	44	47
HY80	-32.645056	119.348250	353	16.2	0.51	4.6	26.7	11.2	22.2	10.3	335	49	44	47
HY81	-32.642778	119.339444	357	16.2	0.51	4.5	26.7	11.2	22.2	10.3	335	49	44	47
HY82	-32.654417	119.711139	422	15.8	0.51	4.4	26.3	10.9	20.4	10	341	47	41	50
JB01	-31.579583	116.263278	128	17.6	0.51	6.2	26.6	11.9	23.8	11.9	671	136	85	43
JB02	-31.587056	116.265778	161	17.4	0.5	6.1	26.5	11.7	23.6	11.7	689	140	85	44
JB05	-31.635833	116.398056	212	17.2	0.5	5.6	27.1	11.3	23.6	11.3	616	126	84	36

Quadrat	Lat	Long	Elev	TAnn	Isoth	MnTCP	T_AR	MTWetQ	MTDQ	MTClQ	Pann	PWetP	PSeas	PWrQ
JB06	-31.321056	116.560667	221	17.6	0.5	5.8	27.7	12.6	22.4	11.5	412	80	76	35
JB07	-31.310222	116.399778	289	17.1	0.49	5.7	27.1	11.2	21.8	11.2	532	104	79	37
JB08	-31.399806	116.318306	310	16.9	0.49	5.6	26.6	11	23.2	11	640	126	81	38
JB09	-31.450889	116.272694	268	17	0.5	5.8	26.4	11.2	23.3	11.2	681	135	82	47
JB10	-31.450722	116.244917	250	17.1	0.5	5.9	26.3	11.4	23.3	11.4	692	138	82	47
JB11	-31.426083	116.165389	219	17.2	0.5	6.2	25.9	11.6	23.3	11.6	712	141	83	45
JB12	-31.401556	116.163500	254	17.1	0.5	6.1	25.9	11.4	23.2	11.4	714	141	83	46
JB13	-31.355750	116.217861	271	17.1	0.5	6	26.2	11.3	23.3	11.3	671	133	81	47
JB14	-31.594806	116.265722	190	17.2	0.5	6	26.4	11.6	23.4	11.6	707	143	85	45
JB15	-31.608500	116.261528	243	17	0.5	5.9	26.2	11.3	23.2	11.3	741	150	85	46
JB16	-31.634306	116.271972	333	16.5	0.49	5.6	25.9	10.8	22.7	10.8	780	158	84	49
JB19	-31.307528	116.405639	287	17.1	0.49	5.7	27.1	11.2	21.8	11.2	526	102	79	37
JB21	-31.493806	116.576472	264	17.2	0.49	5.3	27.8	11	22	11	466	90	78	36
JB22	-31.493806	116.576472	264	17.2	0.49	5.3	27.8	11	22	11	466	90	78	36
JB23	-31.492444	116.593139	232	17.3	0.5	5.4	27.9	11.2	22.2	11.2	447	86	77	35
KL02	-31.964222	117.934750	246	17.2	0.49	4.8	28.6	11.9	22.4	10.9	312	55	61	35
KL03	-31.917333	117.980278	260	17.2	0.49	4.7	28.7	11.9	22.4	10.8	314	55	60	36
KL04	-31.857222	118.103861	289	17.2	0.49	4.6	28.8	11.7	22.4	10.7	320	54	58	39
KL05	-31.760500	118.063056	349	16.9	0.49	4.5	28.7	11.5	22.2	10.4	329	56	57	41
KL06	-31.759444	118.028750	345	17	0.49	4.5	28.7	11.5	22.3	10.4	328	56	58	40
KL07	-31.449389	117.774111	343	17.3	0.48	4.9	28.4	11.8	22.6	10.8	327	56	58	40
KL08	-31.402556	117.758917	387	17.1	0.48	4.8	28.4	11.6	22.4	10.6	335	57	58	41
KL09	-31.410361	117.751639	384	17.1	0.48	4.8	28.3	11.6	22.4	10.6	336	57	58	41
KL10	-31.412667	117.754500	381	17.1	0.48	4.8	28.4	11.6	22.4	10.6	335	57	58	41
KL11	-31.404306	117.758917	385	17.1	0.48	4.8	28.4	11.6	22.4	10.6	335	57	58	41
KL12	-31.377417	117.933556	276	17.7	0.48	5.1	28.7	12.2	23.1	11.2	304	51	56	39
KL13	-31.732472	117.783056	307	17.1	0.49	4.8	28.5	11.8	22.4	10.7	321	56	61	37
KL14	-32.123028	117.776944	375	16.3	0.49	4.2	28.3	11.1	21.5	10	353	64	65	36
KL15	-32.122472	117.779333	374	16.3	0.49	4.2	28.3	11.1	21.5	10	353	63	65	36
KL18	-31.532361	118.083528	263	17.7	0.49	5	28.9	12.1	23	11.1	306	51	55	40
KL19	-31.447472	117.778806	342	17.3	0.48	4.9	28.4	11.8	22.6	10.8	326	56	58	40
KL20	-31.969583	118.338972	324	16.9	0.49	4.3	28.8	11.5	22.2	10.4	331	55	56	41
KL21	-31.969722	118.340361	324	16.9	0.49	4.3	28.8	11.4	22.2	10.4	331	55	56	41
KL22	-31.968944	118.341528	325	16.9	0.49	4.3	28.8	11.4	22.2	10.4	332	55	56	41
KL23	-31.982583	118.339306	320	16.9	0.49	4.4	28.8	11.5	22.2	10.4	330	55	56	41
KL24	-31.984139	118.412111	377	16.6	0.49	4.1	28.8	11.1	21.9	10.1	340	56	55	43
KL25	-31.257056	118.137861	352	17.5	0.48	4.8	28.9	11.8	22.9	10.8	302	50	54	41
KL26	-32.089611	117.697583	298	16.7	0.49	4.6	28.3	11.5	21.9	10.5	337	62	66	34
KL27	-32.089194	117.693028	295	16.8	0.49	4.6	28.3	11.5	21.9	10.5	337	62	66	34
KL30	-32.123250	117.780750	373	16.3	0.49	4.2	28.3	11.1	21.5	10	352	63	65	36
KL31	-32.123778	117.784639	370	16.3	0.49	4.3	28.3	11.1	21.5	10	352	63	65	36
KL32	-32.123944	117.779556	374	16.3	0.49	4.2	28.3	11.1	21.5	10	353	63	65	36
KL33	-32.123278	117.775306	377	16.3	0.49	4.2	28.3	11.1	21.5	10	353	64	65	36
KL34	-32.122750	117.769250	377	16.3	0.49	4.2	28.3	11.1	21.5	10	354	64	65	36
KL35	-32.123917	117.755444	373	16.3	0.49	4.2	28.3	11.1	21.5	10	354	64	65	36
KL36	-32.112694	117.754750	367	16.4	0.49	4.3	28.3	11.1	21.5	10.1	351	63	65	36
KL37	-32.120389	117.763056	375	16.3	0.49	4.2	28.3	11.1	21.5	10	354	64	65	36
KL38	-32.116778	117.758000	373	16.3	0.49	4.3	28.3	11.1	21.5	10	353	64	65	36
KL39	-32.116917	117.748972	362	16.4	0.49	4.3	28.3	11.1	21.5	10.1	351	63	65	36
KL40	-32.107806	117.751417	361	16.4	0.49	4.3	28.3	11.2	21.6	10.1	350	63	65	36
KL41	-32.100889	117.753444	354	16.5	0.49	4.3	28.3	11.2	21.6	10.1	348	63	65	36
KL42	-32.103694	117.748972	353	16.5	0.49	4.3	28.3	11.2	21.6	10.2	348	63	65	35
KL43	-32.103000	117.754778	358	16.4	0.49	4.3	28.3	11.2	21.6	10.1	349	63	65	36
KL44	-32.113972	117.775917	376	16.3	0.49	4.2	28.3	11.1	21.5	10	353	63	65	36
KL45	-32.108111	117.797556	360	16.4	0.49	4.3	28.3	11.2	21.6	10.1	348	63	65	36
KL46	-32.118000	117.769778	376	16.3	0.49	4.2	28.3	11.1	21.5	10	353	64	65	36
KL47	-32.110806	117.785944	369	16.4	0.49	4.3	28.3	11.1	21.5	10.1	350	63	65	36
KL48	-32.108028	117.789639	366	16.4	0.49	4.3	28.3	11.1	21.5	10.1	349	63	65	36
KL49	-32.116472	117.802722	358	16.4	0.49	4.3	28.3	11.2	21.6	10.1	348	62	65	36
KL50	-32.119472	117.790917	366	16.4	0.49	4.3	28.3	11.1	21.5	10.1	350	63	65	36
KN01	-32.674611	118.336250	268	16.4	0.51	4.5	27.8	11.4	22.9	10.4	331	55	57	38
KN02	-32.720889	118.283083	288	16.3	0.51	4.4	27.6	11.3	22.7	10.3	338	56	57	39
KN03	-32.736889	118.270972	320	16.1	0.5	4.3	27.6	11.1	22.5	10.1	345	57	57	40
KN04	-32.942250	118.303694	324	15.9	0.51	4.4	26.8	11.1	22	10.1	341	56	55	41

Quadrat	Lat	Long	Elev	TAnn	Isoth	MnTCP	T_AR	MTWetQ	MTDQ	MTCIQ	Pann	PWetP	PSeas	PWrQ
KN05	-32.499806	118.551278	323	16.4	0.5	4.2	28.1	11.2	21.4	10.2	334	55	55	39
KN06	-32.501417	118.560917	306	16.5	0.5	4.3	28.1	11.3	21.4	10.3	331	54	55	39
KN07	-32.511222	118.547139	307	16.4	0.5	4.3	28	11.3	21.4	10.3	332	54	56	39
KN10	-32.399222	118.387083	351	16.3	0.5	4.1	28.4	11.1	21.4	10	337	56	57	39
KN11	-32.357528	118.496194	376	16.2	0.5	4	28.3	11	21.3	10	340	56	55	41
KN12	-32.376139	118.459944	368	16.2	0.5	4	28.4	11	21.3	10	339	56	56	40
KN13	-32.396806	118.818417	302	16.6	0.5	4.4	28	11.4	21.6	10.5	329	51	51	42
KN14	-32.392167	118.370194	350	16.3	0.5	4.1	28.4	11.1	21.4	10.1	337	56	57	39
KN15	-32.277722	118.329611	317	16.6	0.5	4.2	28.6	11.3	21.8	10.3	329	55	57	39
KN16	-32.274028	118.326250	313	16.6	0.5	4.2	28.6	11.3	21.8	10.3	329	55	57	38
KN17	-32.498472	118.556417	317	16.4	0.5	4.3	28.1	11.3	21.4	10.3	333	54	55	39
KN18	-32.496556	118.559028	315	16.4	0.5	4.3	28.1	11.3	21.4	10.3	332	54	55	39
KN19	-32.382861	118.481528	369	16.2	0.5	4	28.3	11	21.3	10	339	56	56	40
KN20	-32.381944	118.481389	369	16.2	0.5	4	28.3	11	21.3	10	340	56	56	40
KN22	-32.348361	118.138944	261	16.8	0.5	4.5	28.5	11.6	21.9	10.5	324	56	60	36
KN23	-32.351083	118.126528	259	16.8	0.5	4.5	28.5	11.6	21.9	10.6	324	56	60	36
KN24	-32.333889	117.848361	314	16.4	0.5	4.4	28.2	11.3	21.5	10.2	353	63	65	35
KN25	-32.332722	117.847417	314	16.4	0.5	4.4	28.2	11.3	21.5	10.2	353	63	65	35
KN26	-32.370000	117.585500	312	16.3	0.5	4.5	27.8	11.2	21.3	10.2	367	69	68	35
KN27	-32.430806	118.129139	295	16.5	0.5	4.3	28.4	11.3	21.6	10.3	333	57	60	36
KN28	-32.413306	118.092417	280	16.6	0.5	4.4	28.4	11.4	21.7	10.4	332	58	61	36
KN29	-32.350778	117.841528	328	16.3	0.5	4.3	28.1	11.2	21.4	10.2	356	63	65	35
KN30	-32.350556	117.850000	320	16.4	0.5	4.3	28.2	11.2	21.4	10.2	355	63	65	35
KN31	-32.347194	117.819861	326	16.3	0.5	4.3	28.1	11.2	21.4	10.2	356	64	65	35
KN32	-32.348972	117.855333	315	16.4	0.5	4.4	28.2	11.3	21.5	10.2	354	63	65	35
KN33	-32.350139	117.828278	330	16.3	0.5	4.3	28.1	11.2	21.4	10.1	357	64	65	35
KN34	-32.361139	117.855611	319	16.4	0.5	4.3	28.1	11.2	21.4	10.2	355	63	65	35
KN35	-32.347250	117.820083	327	16.3	0.5	4.3	28.1	11.2	21.4	10.2	357	64	65	35
KN36	-32.335056	117.840556	318	16.4	0.5	4.4	28.2	11.3	21.5	10.2	354	63	65	35
KN37	-32.360222	117.857722	316	16.4	0.5	4.4	28.2	11.3	21.4	10.2	354	63	65	35
KN38	-32.335778	117.844167	316	16.4	0.5	4.4	28.2	11.3	21.5	10.2	354	63	65	35
KN39	-32.334528	117.834417	323	16.4	0.5	4.3	28.2	11.2	21.4	10.2	355	63	65	35
KN40	-32.337056	117.840639	319	16.4	0.5	4.4	28.2	11.2	21.5	10.2	354	63	65	35
KN41	-32.352028	117.861250	311	16.4	0.5	4.4	28.2	11.3	21.5	10.3	353	63	65	35
KN42	-32.338806	117.836806	322	16.4	0.5	4.3	28.2	11.2	21.4	10.2	355	63	65	35
KN43	-32.356250	117.842333	331	16.3	0.5	4.3	28.1	11.2	21.4	10.1	357	64	65	35
LK02	-33.203694	119.714917	306	15.9	0.53	5.3	24.4	11.6	19.8	10.7	333	45	36	53
LK04	-33.259917	119.757778	302	15.9	0.53	5.4	24.1	11.7	19.7	10.8	341	46	35	54
LK05	-33.246861	119.551056	317	15.8	0.53	5.2	24.4	11.5	19.7	10.6	341	46	36	53
LK06	-33.277444	119.495250	346	15.6	0.52	5.1	24.3	11.3	20.8	10.4	349	47	36	54
LK07	-33.335972	119.494083	330	15.6	0.53	5.2	24	11.4	20.8	10.5	353	47	35	55
LK08	-33.343528	119.525000	332	15.6	0.53	5.2	24	11.4	20.7	10.5	354	47	35	56
LK10	-33.041972	119.991167	351	15.8	0.52	5.1	24.7	11.4	19.9	10.5	314	42	37	49
LK11	-33.472500	119.743611	317	15.6	0.53	5.5	23.2	11.6	20.5	10.7	371	47	31	60
LK12	-33.287722	120.104861	371	15.5	0.53	5.3	23.7	11.3	20.5	10.5	348	43	34	54
LK13	-33.081667	119.997972	351	15.8	0.53	5.1	24.6	11.4	19.8	10.5	318	42	37	49
LK14	-33.242278	119.762167	308	15.9	0.53	5.4	24.2	11.6	19.7	10.8	339	46	35	54
LK15	-33.499750	119.678222	329	15.5	0.53	5.5	23.1	11.5	20.4	10.6	376	48	32	60
LK16	-33.337500	119.493889	330	15.6	0.53	5.2	24	11.4	20.8	10.5	353	47	35	55
LK17	-33.245056	119.857111	363	15.6	0.53	5.2	24	11.4	20.7	10.5	343	45	35	55
LK18	-33.158194	119.960833	342	15.8	0.53	5.2	24.3	11.5	19.7	10.6	325	43	36	51
LK19	-32.967528	119.761000	341	15.9	0.52	5	25.2	11.4	20.1	10.5	316	43	39	48
LK20	-33.088528	119.661944	320	15.9	0.52	5.1	24.9	11.5	20	10.6	325	45	38	50
LK22	-33.244750	119.543139	317	15.8	0.53	5.2	24.4	11.5	19.7	10.6	341	46	36	53
LK23	-33.271944	119.680833	344	15.6	0.53	5.2	24.1	11.4	20.8	10.5	348	47	35	55
LK24	-33.261472	119.757778	302	15.9	0.53	5.4	24.1	11.7	19.7	10.8	342	46	35	54
ML01	-28.980944	115.043722	242	18.8	0.51	7.2	26	14.3	24.6	13.1	468	108	91	36
ML02	-28.920056	115.215139	246	19.1	0.51	6.9	27.2	14.2	23.4	13	409	92	87	38
ML03	-28.918306	115.430167	232	19.4	0.5	6.7	28.5	14.2	24.1	13	361	78	81	41
ML04	-28.941278	115.546944	208	19.7	0.5	6.7	28.9	14.3	24.5	13.1	350	74	79	42
ML05	-28.626000	115.644500	300	19.6	0.49	6.1	29.9	13.8	21.7	12.6	320	64	70	51
ML06	-28.477028	115.505528	263	19.8	0.49	6.3	29.8	14.1	21.8	12.9	306	61	71	49
ML07	-28.400472	115.576222	290	19.8	0.49	6.2	30	14	21.8	12.7	294	58	69	51
ML08	-28.309278	115.376417	265	19.7	0.5	6.4	29.3	14.1	21.6	12.9	296	60	72	47

Quadrat	Lat	Long	Elev	TAnn	Isoth	MnTCP	T_AR	MTWetQ	MTDQ	MTClQ	Pann	PWetP	PSeas	PWrQ
ML09	-28.414194	115.198444	241	19.4	0.5	6.6	28.5	14.2	24	13	328	70	79	42
ML10	-28.498111	115.221389	215	19.5	0.5	6.7	28.4	14.4	24.1	13.1	334	71	80	41
ML11	-28.503222	115.254667	240	19.5	0.5	6.6	28.6	14.2	24.1	13	333	71	79	43
ML13	-28.722167	115.329417	240	19.4	0.5	6.6	28.4	14.2	24.1	13	354	76	80	42
ML14	-28.947778	115.548694	214	19.6	0.5	6.7	28.9	14.3	24.4	13.1	351	74	79	42
ML15	-28.959722	115.549889	225	19.6	0.5	6.6	28.9	14.2	24.4	13	354	75	79	42
ML17	-28.990889	115.057806	202	19	0.51	7.4	26	14.6	22.9	13.4	462	107	91	36
ML18	-28.826889	115.445778	227	19.5	0.5	6.7	28.7	14.2	24.3	13	350	74	79	43
ML19	-28.743583	115.014750	197	19.1	0.51	7.2	26.4	14.5	23.1	13.3	416	97	90	35
ML20	-29.182250	115.413861	152	19.6	0.51	7.2	27.9	14.7	24.1	13.5	389	84	85	36
ML21	-29.145278	115.351528	152	19.6	0.51	7.2	27.6	14.7	23.9	13.5	400	87	86	36
ML23	-28.615000	115.954694	350	19.5	0.48	5.8	30.5	13.5	21.8	12.3	301	57	65	41
ML24	-28.633750	115.636694	306	19.5	0.49	6.1	29.9	13.8	21.6	12.6	322	64	70	51
ML25	-28.413056	115.199833	247	19.4	0.5	6.5	28.5	14.2	24	12.9	328	70	79	42
ML26	-28.412028	115.200444	249	19.4	0.5	6.5	28.5	14.2	24	12.9	328	70	78	43
MN01	-31.740500	119.083972	412	16.8	0.49	4	29	11	22.1	10.1	322	51	49	48
MN02	-31.001583	118.691889	317	18	0.48	4.7	29.7	12	23.6	11	273	44	51	39
MN03	-31.410917	118.509167	357	17.3	0.48	4.4	29.2	11.6	22.8	10.6	317	51	54	42
MN04	-31.596722	118.756583	437	16.8	0.49	4	29.1	11	22.2	10	328	53	53	45
MN05	-31.577694	118.738750	425	16.8	0.49	4	29.2	11.1	22.3	10.1	326	52	53	44
MN06	-31.761056	119.072528	418	16.7	0.49	4	28.9	11	22.1	10	325	52	49	48
MN07	-31.212500	118.304250	365	17.5	0.48	4.6	29.1	11.7	23	10.7	300	49	53	41
MN10	-31.244583	118.406917	327	17.7	0.48	4.7	29.2	11.9	23.2	10.8	296	48	53	40
MN11	-31.256722	118.396250	326	17.7	0.48	4.7	29.2	11.9	23.1	10.8	297	48	53	41
MN12	-31.169278	118.438778	294	17.9	0.48	4.9	29.3	12.1	23.4	11.1	284	46	53	39
MN13	-31.147750	118.475861	295	18	0.48	4.9	29.4	12.1	23.5	11.1	282	46	53	39
MN14	-31.177778	118.428056	292	17.9	0.48	4.9	29.3	12.1	23.4	11.1	285	46	53	39
MN15	-31.167222	118.415000	288	18	0.48	4.9	29.3	12.1	23.5	11.1	283	46	53	39
MN17	-31.424167	118.684139	373	17.3	0.49	4.3	29.3	11.4	22.8	10.4	314	51	54	43
MN18	-31.405500	118.684361	367	17.3	0.49	4.3	29.3	11.5	22.8	10.5	312	51	53	42
MN19	-31.399694	118.684583	365	17.3	0.49	4.3	29.3	11.5	22.8	10.5	311	50	53	42
MN20	-31.207472	118.164806	355	17.5	0.48	4.8	28.9	11.8	23	10.8	300	49	53	41
MN21	-31.910861	119.083139	457	16.4	0.49	3.8	28.6	10.7	21.6	9.8	348	55	49	51
MN22	-31.490278	118.896528	447	16.8	0.49	3.9	29.3	10.9	22.3	10	324	52	53	45
MN23	-31.488778	118.898000	444	16.8	0.49	3.9	29.3	11	22.4	10	323	52	53	45
MN24	-31.501306	118.881611	434	16.9	0.49	4	29.3	11	22.4	10	322	52	53	45
MN25	-31.603333	118.769722	449	16.7	0.49	3.9	29.1	10.9	22.1	9.9	329	53	53	45
MO01	-29.464389	116.210139	309	19	0.49	5.7	30.1	13.2	24.3	12.1	326	64	69	37
MO02	-29.478611	116.210139	315	19	0.49	5.7	30.1	13.2	24.2	12.1	327	64	70	37
MO03	-29.244583	116.101667	271	19.4	0.49	6	30.2	13.6	21.6	12.5	317	61	68	37
MO05	-29.100028	115.993167	295	19.4	0.49	6	30.1	13.6	21.5	12.4	326	63	68	38
MO06	-28.879139	115.842611	369	19.1	0.49	5.8	30	13.3	21.3	12.1	343	67	68	53
MO07	-29.109861	116.197611	254	19.7	0.49	6	30.5	13.7	21.9	12.6	296	56	65	38
MO09	-29.253611	116.368194	288	19.4	0.49	5.8	30.6	13.4	21.7	12.3	301	56	64	39
MO10	-29.259556	116.385583	285	19.5	0.49	5.8	30.6	13.4	21.8	12.3	300	56	64	40
MO12	-29.189583	116.473528	257	19.7	0.49	5.8	30.8	13.6	22.1	12.5	288	53	62	40
MO13	-29.195444	116.316111	273	19.5	0.49	5.8	30.6	13.6	21.8	12.4	297	56	64	39
MO14	-29.202889	116.216222	425	18.7	0.48	5.3	30.3	12.7	21	11.6	322	61	64	41
MO15	-29.082722	115.989972	304	19.3	0.49	5.9	30.1	13.5	21.5	12.4	326	63	68	38
MO16	-28.881861	115.844278	369	19.1	0.49	5.8	30	13.3	21.3	12.1	343	67	68	53
MO17	-28.897611	115.859167	369	19.1	0.49	5.8	30	13.3	21.3	12.1	343	67	68	53
NO01	-28.569611	114.641750	108	19.1	0.52	8	24.4	15.2	22.5	14	455	110	96	32
NO02	-28.547556	114.661361	143	19	0.52	7.7	24.9	15	22.4	13.7	460	110	95	32
NO03	-28.545944	114.665639	145	18.9	0.52	7.7	24.9	14.9	22.4	13.7	460	110	95	32
NO04	-28.538000	114.670250	156	18.9	0.52	7.6	25.1	14.9	24.2	13.6	460	110	95	32
NO05	-28.535389	114.735361	155	19	0.52	7.3	25.8	14.8	24.5	13.5	453	107	94	32
NO06	-28.532389	114.738361	159	18.9	0.52	7.3	25.8	14.7	24.5	13.5	452	107	94	32
NO07	-27.999083	114.632028	247	19.1	0.51	7.2	26.4	14.6	22.9	13.4	357	82	87	38
NO10	-28.102611	114.569278	219	19	0.52	7.4	25.9	14.7	22.7	13.5	390	90	89	37
NO11	-27.991306	114.194389	29	19.9	0.53	8.8	24.4	16.1	23	15	404	103	99	30
NO13	-28.544778	114.663639	145	18.9	0.52	7.7	24.9	14.9	22.4	13.7	459	110	95	32
NO14	-28.478167	114.632556	188	18.8	0.52	7.4	25.2	14.7	22.3	13.5	464	110	94	33
NO15	-27.887861	114.218778	198	19.2	0.52	8.1	24.7	15.2	22.4	14	400	103	97	33
NO16	-27.891222	114.538028	243	19.2	0.51	7.4	26.1	14.7	22.9	13.5	349	82	89	37

Quadrat	Lat	Long	Elev	TAnn	Isoth	MnTCP	T_AR	MTWetQ	MTDQ	MTCIQ	Pann	PWetP	PSeas	PWrQ
NO18	-28.170694	114.645500	258	18.8	0.51	7.1	26.2	14.4	22.6	13.2	399	90	88	38
NO20	-28.088694	114.202444	83	19.5	0.53	8.6	24.1	15.8	22.6	14.6	427	108	98	31
NR01	-32.611250	117.100028	289	15.9	0.51	4.6	26.9	10.1	20.6	10.1	427	80	72	36
NR02	-33.090861	117.171472	343	15.3	0.5	4.6	25.9	10.7	21.2	9.8	474	85	68	41
NR03	-32.782861	116.865028	301	15.4	0.51	4.4	26.5	9.9	21.6	9.9	514	97	75	38
NR04	-32.810806	116.889667	287	15.5	0.51	4.5	26.5	9.9	21.6	9.9	508	95	75	38
NR05	-32.854556	116.829083	306	15.3	0.51	4.3	26.4	9.8	21.4	9.8	530	100	75	39
NR06	-33.052889	117.240944	303	15.6	0.5	4.8	26	11	21.6	10	448	79	68	39
NR07	-33.146083	117.053611	301	15.4	0.51	4.7	25.9	10.9	21.3	9.9	485	88	70	40
NR08	-33.127528	117.072500	304	15.4	0.51	4.7	25.9	10.9	21.3	9.9	483	88	70	40
NR09	-32.769056	116.952250	340	15.3	0.51	4.3	26.5	9.7	21.5	9.7	501	93	73	39
NR10	-32.753194	116.945306	334	15.4	0.51	4.4	26.5	9.7	21.6	9.7	499	93	74	38
NR11	-32.734139	116.948556	308	15.5	0.51	4.5	26.6	9.9	21.7	9.9	488	91	74	38
NR12	-32.781417	116.949278	341	15.3	0.51	4.3	26.4	9.7	21.5	9.7	504	94	73	39
NR13	-32.788528	116.890889	303	15.5	0.51	4.4	26.5	9.9	21.6	9.9	509	96	74	38
NR14	-32.757111	116.854639	378	15	0.51	4.1	26.5	9.4	21.2	9.4	533	101	74	40
NR15	-32.798417	117.070583	331	15.5	0.51	4.5	26.4	9.8	21.6	9.8	470	87	71	38
NR16	-32.798556	117.070556	331	15.5	0.51	4.5	26.4	9.8	21.6	9.8	470	87	71	38
NR17	-32.798833	117.075611	331	15.5	0.51	4.5	26.4	9.8	21.6	9.8	468	86	71	38
NR18	-32.789278	117.085472	338	15.5	0.5	4.5	26.4	9.8	21.6	9.8	464	85	71	38
NR19	-32.738917	117.157444	306	15.7	0.5	4.6	26.6	10	20.3	10	425	78	69	37
NR20	-32.744639	117.156500	308	15.7	0.5	4.6	26.6	10	20.3	10	426	78	69	37
NR21	-32.741222	117.148333	309	15.7	0.5	4.6	26.6	10	20.3	10	428	79	69	37
NR22	-32.746444	117.164389	309	15.7	0.5	4.6	26.6	10	20.3	10	425	78	69	37
NR23	-33.076194	117.271667	288	15.6	0.51	4.8	26	11.1	21.6	10.1	436	77	67	39
PI01	-33.148806	118.829500	376	15.4	0.51	4.5	25.5	10.9	19.8	9.9	364	55	50	47
PI02	-33.330528	118.808444	301	15.6	0.52	4.9	24.9	11.3	19.7	10.3	351	52	46	47
PI05	-33.359778	118.747222	297	15.6	0.52	4.9	24.8	11.3	21.1	10.3	350	52	47	47
PI06	-33.441500	118.908111	309	15.5	0.52	5	24.3	11.3	20.8	10.3	359	51	43	50
PI07	-33.494750	119.048111	332	15.3	0.52	5	23.9	11.2	20.5	10.3	366	50	40	52
PI08	-33.492111	119.090972	311	15.4	0.52	5.1	23.9	11.3	20.6	10.4	363	49	39	53
PI09	-33.567111	119.127361	273	15.6	0.53	5.4	23.5	11.5	20.6	10.6	364	49	38	54
PI10	-33.567611	119.149194	264	15.6	0.53	5.4	23.5	11.6	20.7	10.7	363	48	37	54
PI11	-33.616250	119.199472	258	15.6	0.53	5.5	23.2	11.7	20.6	10.7	369	48	36	56
PI12	-33.676833	119.081111	304	15.3	0.53	5.3	23.1	11.3	20.2	10.4	380	50	38	55
PI13	-33.702917	118.983111	343	15	0.52	5.1	23	11.1	20	10.1	389	51	39	55
PI14	-33.159917	118.801944	379	15.4	0.51	4.5	25.5	10.9	19.7	9.9	363	55	50	47
PI15	-33.366472	118.899167	318	15.5	0.52	4.9	24.6	11.2	20.9	10.3	357	51	44	49
PI16	-33.476056	119.078833	320	15.4	0.52	5.1	23.9	11.3	20.6	10.3	363	50	40	52
PI17	-33.466528	119.052778	367	15.2	0.52	4.9	24	11	20.4	10.1	370	51	40	53
PI18	-33.367111	118.934083	321	15.5	0.52	4.9	24.6	11.2	20.9	10.3	357	51	44	49
PI19	-33.275444	118.746222	300	15.7	0.52	4.9	25.2	11.3	19.9	10.3	347	52	48	46
PI21	-33.222583	118.731389	306	15.7	0.52	4.8	25.4	11.2	20	10.3	345	52	49	45
PI23	-33.241361	118.704889	286	15.8	0.52	4.9	25.4	11.3	20	10.4	341	52	49	44
PI24	-33.296139	118.597806	331	15.5	0.51	4.7	25.2	11	19.7	10.1	345	53	49	45
PI25	-33.176833	118.825111	375	15.4	0.51	4.5	25.4	10.9	19.7	9.9	363	55	49	47
QU01	-31.853667	117.618806	356	16.7	0.49	4.5	28.3	11.4	21.9	10.3	346	63	65	36
QU02	-31.789222	117.496389	255	17.3	0.49	5	28.3	12	22.4	10.9	333	60	66	34
QU03	-31.779250	117.472917	276	17.2	0.49	5	28.3	11.9	22.3	10.8	340	61	66	35
QU04	-31.986194	117.498139	234	17.1	0.5	4.9	28.3	11.9	22.2	10.9	332	61	67	33
QU05	-32.041417	117.521500	245	17	0.5	4.9	28.3	11.8	22.1	10.8	334	62	67	34
QU06	-32.126222	117.508556	313	16.6	0.49	4.5	28.1	11.4	21.6	10.3	356	66	68	35
QU09	-32.083556	117.368306	226	17	0.5	4.9	28.1	11.9	22	10.8	346	65	69	34
QU10	-31.990806	117.405278	244	17	0.5	4.9	28.2	11.8	22.1	10.8	341	63	67	34
QU11	-32.025583	117.366111	248	17	0.5	4.9	28.2	11.8	22	10.7	348	65	68	34
QU12	-32.020806	117.382556	247	17	0.5	4.9	28.2	11.8	22	10.8	345	65	68	34
QU14	-31.779139	117.471222	278	17.2	0.49	5	28.3	11.9	22.3	10.8	341	61	66	35
QU15	-32.005667	117.314306	347	16.4	0.49	4.5	28	11.2	21.5	10.2	380	71	69	36
QU16	-31.878028	117.545778	239	17.3	0.49	5	28.4	12	22.4	11	326	60	66	34
QU17	-32.048361	117.407861	225	17.1	0.5	4.9	28.2	11.9	22.1	10.9	339	64	68	34
QU18	-32.093889	117.238111	257	16.8	0.5	4.8	28	11.6	21.8	10.6	372	71	71	34
QU19	-31.915500	117.451111	268	17	0.49	4.9	28.3	11.8	22.1	10.8	343	63	67	34
QU20	-31.985250	117.355750	297	16.7	0.49	4.7	28.1	11.5	21.8	10.5	361	67	68	35
QU21	-32.196806	116.783611	257	16.3	0.51	4.8	27.3	10.5	21.1	10.5	473	94	79	36

Quadrat	Lat	Long	Elev	TAnn	Isoth	MnTCP	T_AR	MTWetQ	MTDQ	MTClQ	Pann	PWetP	PSeas	PWrQ
QU22	-31.798472	117.468833	293	17.1	0.49	4.9	28.3	11.8	22.2	10.7	346	62	66	35
QU23	-31.794528	117.463500	301	17	0.49	4.8	28.3	11.7	22.2	10.7	348	63	66	35
QU24	-31.799056	117.469306	293	17.1	0.49	4.9	28.3	11.8	22.2	10.7	345	62	66	35
QU25	-31.793722	117.463583	301	17	0.49	4.9	28.3	11.7	22.2	10.7	348	63	66	35
QU26	-31.792028	117.468028	292	17.1	0.49	4.9	28.3	11.8	22.2	10.7	345	62	66	35
QU27	-31.790750	117.477500	277	17.2	0.49	4.9	28.3	11.9	22.3	10.8	340	61	66	35
QU28	-31.792278	117.506194	248	17.3	0.49	5.1	28.3	12	22.5	11	331	60	66	34
QU29	-31.789833	117.475917	278	17.1	0.49	4.9	28.3	11.9	22.3	10.8	341	62	66	35
QU30	-31.793500	117.503278	249	17.3	0.49	5	28.3	12	22.5	11	331	60	66	34
QU31	-31.791417	117.493917	255	17.3	0.49	5	28.3	12	22.4	10.9	334	60	66	34
QU32	-31.788889	117.496361	255	17.3	0.49	5	28.3	12	22.4	10.9	333	60	66	34
QU33	-31.782417	117.472056	279	17.1	0.49	4.9	28.3	11.9	22.3	10.8	341	62	66	35
QU34	-31.782194	117.471917	279	17.1	0.49	4.9	28.3	11.9	22.3	10.8	341	62	66	35
QU35	-31.778778	117.471194	277	17.2	0.49	5	28.3	11.9	22.3	10.8	341	61	66	35
QU36	-31.777750	117.467694	279	17.2	0.49	5	28.3	11.9	22.3	10.8	342	62	66	35
QU37	-31.778833	117.472306	277	17.2	0.49	5	28.3	11.9	22.3	10.8	341	61	66	35
QU38	-31.777444	117.498250	259	17.3	0.49	5	28.3	12	22.4	10.9	334	60	66	34
QU39	-31.776917	117.499333	259	17.3	0.49	5	28.3	12	22.4	10.9	334	60	66	34
QU40	-31.774278	117.494556	262	17.3	0.49	5	28.3	12	22.4	10.9	335	60	66	34
QU41	-31.778139	117.495639	260	17.3	0.49	5	28.3	12	22.4	10.9	334	60	66	34
QU42	-31.779972	117.496806	259	17.3	0.49	5	28.3	12	22.4	10.9	334	60	66	34
SPM001E	-33.358444	118.826611	297	15.6	0.52	5	24.8	11.3	21.1	10.4	352	51	46	47
SPM011A	-33.827417	116.666417	250	14.8	0.53	4.7	24.8	9.9	20.3	9.9	570	101	69	42
SPM025H	-33.253889	119.621889	317	15.8	0.53	5.3	24.3	11.5	19.7	10.6	342	46	36	54
SPS030A	-32.458694	117.997722	291	16.5	0.5	4.4	28.2	11.4	21.5	10.3	342	60	62	36
SPS048A	-31.497056	119.233083	424	17	0.49	3.9	29.4	10.1	22.5	10.1	309	49	48	47
SPS054A	-33.326278	117.397278	249	15.7	0.51	5.1	25.7	11.3	21.6	10.3	420	73	63	41
SPS059A	-31.858167	118.845444	405	16.7	0.49	4	28.9	11	22	10	316	49	50	43
SPS070A	-33.010528	118.604139	306	15.9	0.51	4.6	26.4	11.2	20.4	10.3	329	53	53	41
SPS078A	-33.336472	119.491889	330	15.6	0.53	5.2	24	11.4	20.8	10.5	353	47	35	55
SPS089B	-32.963667	120.361556	264	16.3	0.53	5.4	24.9	11.9	21.6	11	303	38	32	49
SPS094A	-33.940278	119.075528	254	15.2	0.53	5.6	21.9	11.6	19.8	10.7	421	52	37	60
SPS115C	-34.100083	118.538056	268	14.8	0.53	5.4	21.6	11.2	19.5	10.3	413	53	40	56
SPS121D	-33.939139	120.431472	7	16.6	0.56	7.2	20.6	13.3	20.7	12.5	528	70	45	71
SPS126A	-30.705583	118.558222	389	18	0.47	4.6	29.7	11.8	23.7	10.8	266	42	50	38
SPS126B	-30.705528	118.558222	389	18	0.47	4.6	29.7	11.8	23.7	10.8	266	42	50	38
SPS138B	-33.353528	121.766333	188	15.7	0.54	5.4	23.1	11.7	20.5	10.9	392	48	35	59
SPS139A	-33.127111	121.798472	236	15.7	0.54	4.8	24.4	11.4	19.5	10.6	351	42	29	60
SPS139B	-33.127639	121.799833	236	15.7	0.54	4.8	24.4	11.4	19.5	10.6	351	42	29	60
SPS145A	-30.839861	117.905111	341	17.9	0.47	5.2	28.7	12.2	23.3	11.1	300	50	54	42
SPS145B	-30.839972	117.904917	341	17.9	0.47	5.2	28.7	12.2	23.3	11.1	300	50	54	42
SPS151C	-30.300833	115.937056	224	18	0.51	5.4	28.8	12.9	22.7	11.8	433	88	78	45
SPS153A	-30.121333	115.679722	264	18.2	0.51	6.1	28.2	12.1	22.6	12.1	487	104	83	43
SPS153B	-30.121333	115.680111	264	18.2	0.51	6.1	28.2	12.1	22.6	12.1	487	104	83	43
SPS153C	-30.121444	115.680111	264	18.2	0.51	6.1	28.2	12.1	22.6	12.1	487	104	83	43
SPS175A	-29.078222	115.996861	312	19.3	0.49	5.9	30.1	13.5	21.5	12.3	326	63	67	39
SPS175B	-29.078361	115.996944	312	19.3	0.49	5.9	30.1	13.5	21.5	12.3	326	63	67	39
SPS176A	-29.524639	116.792528	284	19.4	0.48	5.6	30.6	13.3	21.8	12.2	292	53	62	39
SPS176B	-29.524806	116.792417	284	19.4	0.48	5.6	30.6	13.3	21.8	12.2	292	53	62	39
SPS176C	-29.524500	116.792528	284	19.4	0.48	5.6	30.6	13.3	21.8	12.2	292	53	62	39
ST01	-34.308222	117.569111	300	14.5	0.52	5.4	21.8	10.9	19.2	10	515	76	53	57
ST02	-34.362306	117.568583	287	14.5	0.52	5.5	21.5	10.9	19.1	10.1	532	78	52	58
ST03	-34.360611	117.562056	286	14.5	0.52	5.5	21.5	10.9	19.1	10.1	533	78	52	58
ST04	-34.292750	117.980694	230	14.8	0.53	5.7	21.2	11.3	19.4	10.4	422	59	47	54
ST05	-34.300306	118.067361	233	14.8	0.53	5.7	21	11.3	19.3	10.4	418	58	46	55
ST06	-34.299222	118.071833	232	14.8	0.53	5.7	21	11.3	19.3	10.4	417	58	46	55
ST07	-34.266250	117.978944	238	14.8	0.53	5.6	21.4	11.3	19.4	10.4	416	58	47	53
ST09	-34.167694	117.950250	238	14.9	0.52	5.5	22	11.3	19.7	10.4	396	57	48	50
ST10	-34.161139	117.951833	239	14.9	0.52	5.5	22	11.3	19.7	10.4	395	57	49	50
ST11	-34.152333	117.669028	251	14.9	0.52	5.5	22.5	11.2	19.8	10.3	435	64	53	50
ST12	-33.943528	117.644667	295	14.9	0.51	5.2	23.4	10.9	20.1	10	424	65	55	44
ST13	-34.038861	117.558417	294	14.8	0.51	5.3	23.1	10.9	19.9	10	452	69	56	45
ST15	-34.282861	118.506222	137	15.2	0.54	6	20.7	11.9	19.6	11	439	54	39	64
ST16	-34.286333	118.508083	126	15.3	0.54	6.1	20.7	12	19.6	11.1	438	54	39	64

Quadrat	Lat	Long	Elev	TAnn	Isoth	MnTCP	T_AR	MTWetQ	MTDQ	MTCIQ	Pann	PWetP	PSeas	PWrQ
ST17	-34.285583	118.520889	127	15.3	0.54	6.1	20.7	12	19.6	11.1	439	54	39	65
ST18	-34.283889	118.520361	131	15.3	0.54	6	20.7	11.9	19.6	11.1	439	54	39	65
ST19	-34.178556	118.613639	204	15	0.54	5.7	21.2	11.6	19.5	10.7	428	53	38	65
ST20	-34.234444	118.681389	114	15.4	0.54	6.1	20.8	12.1	19.8	11.2	433	53	37	66
ST21	-33.815056	118.815056	259	15.3	0.53	5.4	22.7	11.4	20.2	10.5	386	50	40	53
ST22	-33.814528	118.474333	296	15	0.52	5.1	23.1	11.1	20.1	10.2	378	52	44	50
ST23	-33.969111	118.108750	259	15	0.52	5.3	22.8	11.2	20	10.3	376	55	48	46
ST24	-34.329861	117.822194	277	14.6	0.52	5.5	21.2	11	19.1	10.2	460	65	49	56
ST25	-34.577444	117.985333	126	15	0.54	6.4	19.3	12	19.1	11.1	549	73	45	69
ST26	-33.947056	117.643889	295	14.9	0.51	5.2	23.4	10.9	20.1	10	424	65	55	44
TR01	-30.912083	118.705889	401	17.7	0.48	4.4	29.7	11.6	23.3	10.6	279	45	50	40
TR02	-30.888944	118.682250	452	17.4	0.47	4.2	29.6	11.3	23.1	10.3	285	46	50	41
TR03	-30.890083	118.653833	488	17.2	0.47	4.1	29.6	11.1	22.9	10.1	291	47	51	42
TR04	-30.890778	118.654000	489	17.2	0.47	4.1	29.6	11.1	22.9	10.1	292	47	51	42
TR05	-30.813583	118.616806	448	17.5	0.47	4.3	29.6	11.4	23.2	10.4	280	45	50	40
TR06	-30.982611	118.557333	338	17.9	0.48	4.7	29.5	11.9	23.5	10.9	274	44	52	38
TR07	-30.874278	118.081083	403	17.6	0.47	4.8	28.9	11.8	23.1	10.7	301	50	53	42
TR08	-30.803528	118.770917	390	17.9	0.48	4.4	29.9	11.7	23.6	10.7	270	43	48	40
TR09	-31.206667	117.477056	333	17.6	0.47	5.5	27.9	12.2	22.9	11.1	321	55	60	38
TR11	-30.935806	117.457389	307	18	0.47	5.7	28.2	12.5	23.3	11.4	306	54	60	38
TR12	-31.335278	117.435028	309	17.6	0.48	5.4	28	12.3	22.8	11.2	325	56	61	38
TR13	-31.327194	117.449139	309	17.6	0.48	5.4	28	12.3	22.8	11.2	324	56	61	38
TR14	-31.226472	117.271111	308	17.7	0.48	5.6	27.9	12.4	22.9	11.3	326	57	63	38
TR15	-31.187250	117.194028	332	17.6	0.48	5.6	27.8	12.3	22.7	11.2	334	59	64	38
TR16	-31.178861	117.191056	335	17.6	0.48	5.6	27.8	12.3	22.7	11.2	334	60	64	38
TR18	-31.318972	117.129611	287	17.6	0.48	5.6	27.9	12.4	22.8	11.3	337	61	66	37
UN01	-34.386972	116.500222	184	14.7	0.54	5.8	21.2	10.6	19.3	10.6	802	140	67	64
UN02	-34.316806	116.530194	239	14.5	0.53	5.5	21.8	10.3	19.2	10.3	764	132	67	62
UN04	-34.075111	116.863472	246	14.8	0.53	5.3	23.5	10.1	20	10.1	573	95	65	53
UN05	-34.006694	116.839167	257	14.8	0.52	5.1	23.8	10	20.1	10	564	95	65	44
UN06	-34.003889	116.839194	258	14.8	0.52	5.1	23.8	10	20.1	10	564	95	65	44
UN07	-34.348972	116.772389	250	14.6	0.53	5.6	21.9	10.2	19.3	10.2	718	119	64	63
UN08	-34.333389	116.800694	264	14.5	0.53	5.5	22	10.1	19.3	10.1	704	116	63	62
UN09	-34.401028	116.863361	292	14.3	0.53	5.5	21.6	10	19	10	736	120	62	66
UN10	-34.429361	116.879111	237	14.6	0.54	5.7	21.5	10.3	19.2	10.3	733	119	62	65
UN11	-34.443000	116.681694	176	14.8	0.54	6	21.2	11.5	19.3	10.7	800	135	64	68
UN14	-34.290944	117.288389	248	14.7	0.53	5.6	22.2	10.2	19.6	10.2	554	86	57	56
UN17	-34.444917	116.644972	181	14.8	0.54	5.9	21.1	11.5	19.3	10.7	814	138	65	68
UN18	-34.313444	116.730250	227	14.7	0.53	5.6	22.1	10.3	19.4	10.3	701	117	64	61
UN20	-33.995056	116.837417	261	14.8	0.52	5.1	23.9	10	20.1	10	563	95	66	44
UN23	-34.449750	116.766222	204	14.7	0.54	5.9	21.3	11.3	19.2	10.5	784	130	63	68
WH03	-30.863528	116.719500	317	17.7	0.48	5.8	28	12.5	22.8	11.4	362	69	72	36
WH04	-30.836417	116.661222	331	17.6	0.48	5.7	27.9	12.4	22.7	11.3	372	71	72	36
WH05	-30.763583	117.048722	324	18	0.48	5.8	28.3	12.5	23.2	11.4	327	59	65	38
WH06	-30.756833	117.090472	328	18	0.47	5.8	28.3	12.5	23.2	11.4	324	59	64	38
WH07	-30.820278	117.082694	333	17.9	0.47	5.7	28.2	12.5	23.1	11.4	328	59	65	38
WH08	-30.914833	117.094806	361	17.7	0.47	5.6	28	12.3	22.9	11.2	335	61	65	38
WH09	-30.892222	117.096111	367	17.6	0.47	5.6	28.1	12.3	22.9	11.1	336	61	65	39
WH10	-30.892278	117.088139	359	17.7	0.47	5.6	28.1	12.3	22.9	11.2	335	61	65	38
WH11	-30.915778	117.151472	353	17.7	0.47	5.6	28.1	12.3	22.9	11.2	330	59	64	38
WH13	-30.754750	117.240167	379	17.8	0.47	5.5	28.3	12.2	23.1	11.1	325	58	62	39
WH14	-30.858583	116.699000	316	17.7	0.48	5.8	27.9	12.5	22.8	11.4	364	70	72	36
WH15	-30.858472	116.700694	316	17.7	0.48	5.8	27.9	12.5	22.8	11.4	364	69	72	36
WH16	-30.865306	116.707111	314	17.7	0.48	5.8	27.9	12.5	22.8	11.4	363	69	72	36
WH17	-30.859722	116.620528	364	17.4	0.48	5.6	27.8	12.2	22.4	11.1	390	74	72	37
WH18	-30.862500	116.619667	357	17.4	0.48	5.6	27.8	12.2	22.4	11.1	388	74	72	37
WH19	-30.875833	116.720417	312	17.7	0.48	5.8	27.9	12.5	22.8	11.4	361	69	72	36
WH20	-30.801444	116.868250	282	18.1	0.48	6	28.2	12.7	23.2	11.6	333	62	69	36
WH21	-30.756833	117.090472	328	18	0.47	5.8	28.3	12.5	23.2	11.4	324	59	64	38
WH22	-30.754750	117.240167	376	17.8	0.47	5.5	28.3	12.3	23.1	11.1	324	58	62	39
WH23	-30.723944	117.345167	304	18.2	0.47	5.8	28.5	12.7	23.5	11.6	305	55	61	38
WK01	-32.924639	117.346639	360	15.4	0.5	4.5	26.3	10.7	21.5	9.7	429	75	66	40
WK04	-32.889944	117.645139	342	15.7	0.5	4.5	26.7	10.9	21.9	9.9	387	67	63	40
WK05	-32.890167	117.758139	355	15.6	0.5	4.4	26.8	10.8	21.9	9.8	382	66	61	40

Quadrat	Lat	Long	Elev	TAnn	Isoth	MnTCP	T_AR	MTWetQ	MTDQ	MTClQ	Pann	PWetP	PSeas	PWrQ
WK06	-32.911528	117.894556	344	15.7	0.5	4.4	26.9	10.9	21.9	9.9	372	63	59	41
WK07	-32.544028	117.276000	335	15.8	0.5	4.4	27.2	10.9	20.6	9.9	407	77	71	36
WK08	-32.541250	117.280389	340	15.8	0.5	4.4	27.2	10.9	20.6	9.9	407	78	71	36
WK09	-32.559417	117.344139	433	15.3	0.5	4	27.1	10.4	20.2	9.4	424	81	71	38
WK10	-32.554722	117.334194	423	15.4	0.5	4.1	27.1	10.5	20.2	9.5	423	80	71	38
WK11	-32.535139	117.319889	383	15.6	0.5	4.2	27.2	10.7	20.4	9.7	414	79	71	37
WK12	-32.838056	117.358528	389	15.3	0.5	4.3	26.5	10.6	20	9.6	427	76	67	39
WK13	-32.906250	117.892944	345	15.7	0.5	4.4	26.9	10.9	21.9	9.9	372	63	59	41
WK14	-32.932889	117.863639	354	15.6	0.5	4.4	26.8	10.8	21.8	9.8	376	64	59	41
WK15	-32.904222	117.890444	346	15.7	0.5	4.4	26.9	10.9	21.9	9.9	372	63	59	41
WK16	-32.913556	117.804639	370	15.5	0.5	4.3	26.8	10.8	21.8	9.8	383	65	60	41
WK18	-32.546139	117.626528	266	16.4	0.5	4.6	27.6	11.4	21.3	10.4	365	68	67	36
WK19	-32.558472	117.632306	271	16.4	0.5	4.6	27.6	11.4	21.2	10.4	366	68	67	36
WK20	-32.983000	117.537750	301	15.8	0.5	4.7	26.4	11.1	21.9	10.1	390	67	63	39
WK21	-32.941028	117.623056	325	15.7	0.5	4.6	26.6	11	21.9	10	386	67	62	40
WK22	-32.942278	117.622778	324	15.7	0.5	4.6	26.6	11	21.9	10	386	67	62	39
WK23	-32.915250	117.619250	334	15.7	0.5	4.5	26.7	10.9	21.9	9.9	388	67	63	39
WK24	-32.917222	117.615472	333	15.7	0.5	4.5	26.6	10.9	21.9	9.9	388	67	63	39
WK25	-32.553833	117.340500	440	15.3	0.49	4	27.1	10.4	20.1	9.4	426	81	70	38
WK26	-32.528444	117.312306	363	15.7	0.5	4.3	27.2	10.8	20.5	9.8	409	78	71	36
WK27	-32.851917	117.372583	395	15.3	0.5	4.3	26.5	10.6	19.9	9.6	428	76	67	40
WK28	-32.796167	117.437472	392	15.4	0.5	4.3	26.7	10.6	20.1	9.6	415	74	66	39
WK29	-32.841139	117.375417	398	15.3	0.5	4.3	26.5	10.5	19.9	9.6	427	76	67	40
WK30	-32.927889	117.353528	353	15.4	0.5	4.5	26.3	10.8	21.6	9.8	426	75	66	39
WK31	-32.887861	117.488972	403	15.3	0.5	4.3	26.5	10.5	21.5	9.5	415	73	65	40
WK32	-32.884472	117.491694	398	15.3	0.5	4.3	26.5	10.6	21.5	9.6	413	73	65	40
WK33	-32.881444	117.491278	396	15.3	0.5	4.3	26.6	10.6	21.5	9.6	413	72	65	40
WK34	-32.866417	117.503500	379	15.4	0.5	4.3	26.6	10.7	20.1	9.7	407	72	65	40
WK35	-32.880083	117.493611	394	15.3	0.5	4.3	26.6	10.6	21.5	9.6	412	72	65	40
WK36	-32.874222	117.490361	391	15.4	0.5	4.3	26.6	10.6	21.6	9.6	411	72	65	40
WK37	-32.875028	117.496333	389	15.4	0.5	4.3	26.6	10.6	21.6	9.6	410	72	65	40
WK38	-32.874306	117.501389	386	15.4	0.5	4.3	26.6	10.6	21.6	9.6	409	72	65	40
WK39	-32.871806	117.503306	383	15.4	0.5	4.3	26.6	10.6	21.6	9.7	408	72	65	40
WK40	-32.868528	117.501028	381	15.4	0.5	4.3	26.6	10.7	20.1	9.7	408	72	65	40
WK41	-32.860639	117.493667	376	15.4	0.5	4.4	26.6	10.7	20.1	9.7	407	72	65	39
WK42	-32.860444	117.498806	375	15.5	0.5	4.4	26.6	10.7	20.1	9.7	406	72	65	39
WK43	-32.860361	117.504222	375	15.5	0.5	4.4	26.6	10.7	20.1	9.7	406	72	65	39
WK44	-32.887583	117.496806	396	15.3	0.5	4.3	26.5	10.6	21.5	9.6	412	72	65	40
WU01	-29.736083	116.561917	349	18.7	0.48	5.5	30	12.8	24.1	11.7	316	61	67	37
WU02	-29.974667	116.583139	337	18.5	0.48	5.6	29.5	12.8	23.8	11.7	319	62	68	35
WU03	-29.971250	116.584778	349	18.5	0.48	5.6	29.5	12.7	23.8	11.6	321	62	68	35
WU04	-29.979389	116.621528	362	18.4	0.48	5.5	29.5	12.6	23.7	11.6	321	62	67	36
WU05	-29.977194	116.574306	362	18.4	0.48	5.5	29.5	12.6	23.7	11.6	320	62	67	36
WU05b	-29.977194	116.574306	320	18.6	0.48	5.7	29.6	12.9	23.9	11.8	317	61	68	35
WU06	-30.058139	116.677472	342	18.5	0.48	5.7	29.3	12.7	23.8	11.7	316	61	67	35
WU07	-30.005000	116.819500	283	18.9	0.48	5.9	29.6	13.1	24.3	12	297	56	65	34
WU09	-29.830472	116.955278	305	19	0.48	5.6	30.1	13	21.4	11.9	294	54	62	37
WU10	-30.008833	116.821889	284	18.9	0.48	5.9	29.6	13.1	24.3	12	297	56	65	34
WU11	-30.217944	116.943389	371	18.3	0.47	5.6	29.1	12.5	23.7	11.4	315	59	65	37
WU12	-30.301750	116.456028	322	18.1	0.48	5.7	28.8	12.6	23.2	11.6	350	68	71	36
WU15	-30.299722	116.461806	317	18.2	0.48	5.7	28.8	12.7	23.3	11.6	348	68	71	36
WU16	-30.166417	116.519917	279	18.6	0.48	5.9	29.1	13	23.7	11.9	324	63	70	34
WU17	-30.063000	116.680750	340	18.5	0.48	5.7	29.3	12.8	23.8	11.7	316	61	67	35
WU18	-29.850333	116.936972	286	19.1	0.48	5.7	30.1	13.1	21.5	12	292	54	63	36
WU19	-29.744083	116.560972	350	18.7	0.48	5.5	30	12.8	24.1	11.7	317	61	67	37
WU20	-29.980694	116.583722	339	18.5	0.48	5.6	29.5	12.8	23.8	11.7	320	62	68	35
WU21	-30.288083	116.527194	281	18.4	0.48	5.9	28.8	12.9	23.6	11.8	331	64	70	35
WU23	-29.962333	116.066361	255	18.6	0.5	5.7	29.4	13.1	23.5	12.1	366	75	76	45
WU24	-29.956333	116.063278	253	18.6	0.5	5.7	29.4	13.2	23.5	12.1	366	75	76	45
YO02	-31.992583	117.022000	247	16.8	0.5	4.9	28	11.7	21.8	10.7	399	78	74	34
YO03	-32.095361	116.568167	336	16	0.5	4.8	26.6	11.2	20.6	10.2	596	120	82	38
YO04	-32.141000	116.554444	253	16.4	0.5	5.1	26.6	11.6	22.6	10.6	586	119	83	37
YO05	-32.152417	116.640861	283	16.2	0.5	4.9	26.9	11.3	20.9	10.4	539	108	81	37
YO06	-32.127806	116.505250	267	16.3	0.5	5.2	26.3	11.5	22.5	10.6	632	129	84	38

Quadrat	Lat	Long	Elev	TAnn	Isoth	MnTCP	T_AR	MTWetQ	MTDQ	MTCIQ	Pann	PWetP	PSeas	PWrQ
YO07	-32.140500	116.529194	262	16.3	0.5	5.1	26.4	11.5	22.6	10.6	610	124	83	38
YO08	-32.044472	116.565667	344	16	0.5	4.8	26.6	11.2	20.6	10.2	590	118	82	38
YO10	-31.900500	116.639556	309	16.4	0.5	4.8	27.3	11.4	21.2	10.4	517	102	80	36
YO11	-31.896083	116.623583	335	16.3	0.49	4.8	27.2	11.3	21.1	10.3	534	106	80	37
YO12	-31.874889	116.602694	337	16.3	0.49	4.8	27.2	11.3	21.1	10.3	546	109	81	37
YO13	-31.883667	116.588806	332	16.3	0.49	4.8	27.1	11.3	21.1	10.3	553	111	81	37
YO14	-32.167222	116.641389	303	16.1	0.5	4.8	26.8	11.2	20.7	10.2	548	109	81	38
YO15	-32.127611	116.503639	273	16.3	0.5	5.1	26.3	11.5	22.5	10.5	636	129	84	38
YO16	-32.132222	116.508056	281	16.2	0.5	5.1	26.3	11.5	22.5	10.5	636	129	84	38
YO17	-31.787417	116.588500	278	16.7	0.5	5	27.5	10.7	21.5	10.7	523	105	81	35
YO18	-31.794611	116.587556	293	16.6	0.5	5	27.5	10.6	21.4	10.6	530	107	81	35
YO19	-31.787222	116.577472	282	16.7	0.5	5	27.5	10.7	21.5	10.7	532	107	81	35
YO20	-31.897806	116.863833	209	17.1	0.5	5	28.1	11.9	22	10.9	411	80	76	33
YO21	-31.898111	116.862111	211	17.1	0.5	5	28.1	11.9	22	10.9	412	80	76	33
YO22	-31.945694	116.975111	223	17	0.5	5	28	11.9	22	10.8	397	77	74	34
YO23	-31.946472	116.973417	222	17	0.5	5	28	11.9	22	10.9	397	77	74	34
YO24	-31.877694	116.589806	358	16.2	0.49	4.8	27.1	11.2	20.9	10.2	563	113	81	37
YO25	-32.141806	116.541056	252	16.4	0.5	5.1	26.5	11.6	22.6	10.6	597	121	83	37
YO26	-32.112333	116.511361	249	16.4	0.5	5.2	26.4	11.6	22.7	10.7	615	125	84	37
YO27	-32.149417	116.589806	284	16.2	0.5	4.9	26.7	11.4	20.8	10.4	571	115	82	37
YO28	-32.149444	116.590000	284	16.2	0.5	4.9	26.7	11.4	20.8	10.4	571	115	82	37
YO30	-31.976944	116.435139	255	16.6	0.5	5.4	26.3	11.8	22.8	10.8	669	138	85	37
YO31	-31.991056	116.456806	292	16.4	0.5	5.3	26.3	11.6	22.6	10.6	660	135	84	38
YO32	-32.100667	116.497778	246	16.4	0.5	5.3	26.4	11.7	22.7	10.7	624	127	84	37
YO33	-32.182694	116.567889	276	16.2	0.5	4.9	26.6	10.4	22.5	10.4	591	119	83	38
YO34	-32.141667	116.592389	287	16.2	0.5	4.9	26.7	11.3	20.8	10.4	569	114	82	37
YO35	-32.186194	116.396806	295	16	0.5	5.3	25.6	10.5	22.1	10.5	790	161	86	41
YO36	-32.133833	116.393833	219	16.5	0.5	5.6	25.7	11	22.6	11	745	153	86	39
YO37	-32.129500	116.369250	206	16.6	0.5	5.7	25.6	11.1	22.6	11.1	769	158	87	39
YO38	-32.129611	116.339306	199	16.6	0.5	5.9	25.4	11.2	22.6	11.2	805	166	87	39
YO39	-32.128861	116.325806	202	16.6	0.5	5.9	25.3	11.2	22.6	11.2	825	170	87	39
YO40	-32.144361	116.323833	241	16.4	0.5	5.7	25.2	10.9	22.4	10.9	856	176	87	41
YO41	-32.149306	116.302972	351	15.8	0.49	5.4	24.9	10.4	21.8	10.4	946	192	86	45
YO42	-32.353417	116.490944	282	15.8	0.51	4.7	26.2	10.2	22	10.2	682	138	85	40
YO43	-32.402111	116.530083	304	15.6	0.51	4.5	26.4	10	21.8	10	654	131	84	40
YO44	-32.471639	116.574278	359	15.2	0.51	4.1	26.5	9.6	21.4	9.6	644	128	82	41
YO45	-32.456083	116.695722	342	15.4	0.51	4.2	26.7	9.7	21.7	9.7	567	113	80	40
YO46	-32.445556	116.731667	348	15.5	0.51	4.2	26.8	9.7	21.8	9.7	551	109	79	40
YO47	-32.445111	116.727500	349	15.4	0.51	4.2	26.8	9.7	21.8	9.7	553	110	79	40
YO48	-32.451417	116.719667	345	15.4	0.51	4.2	26.8	9.7	21.8	9.7	556	110	79	40
YO49	-32.564972	116.641917	385	15	0.51	3.9	26.6	9.4	21.2	9.4	612	121	79	42
YO50	-32.553056	116.603056	373	15	0.51	3.9	26.5	9.4	21.3	9.4	629	124	80	42
YO51	-32.526389	116.571056	368	15.1	0.51	3.9	26.5	9.5	21.3	9.5	648	128	81	41
YO52	-32.532444	116.503806	348	15.1	0.51	4	26.4	9.6	21.3	9.6	691	137	83	40
YO53	-32.562417	116.451861	329	15.1	0.51	4	26.3	9.6	21.2	9.6	724	143	84	40
YO54	-32.591861	116.515083	345	15	0.51	3.9	26.5	9.5	21.2	9.5	674	133	82	40
YO55	-32.564389	116.512639	327	15.2	0.51	4	26.5	9.7	21.3	9.7	671	133	83	40
YO56	-32.165500	116.550472	267	16.2	0.5	5	26.5	10.5	22.5	10.5	599	121	83	38
YO57	-32.141667	116.592389	287	16.2	0.5	4.9	26.7	11.3	20.8	10.4	569	114	82	37

Appendix 3. Vascular flora species recorded in 682 quadrats, listing codes used in the compressed data file (Appendix 4) and their CALM conservation listings (CC). Introduced taxa indicated by *.

CALM conservation listings (2003)

R. Declared Rare Flora
Taxa that have been adequately searched for, and are deemed to be rare in the wild either, in danger of extinction, or otherwise in need of special protection, and have been gazetted as such, following approval by the Minister for the Environment, after recommendation by the State's Endangered Flora Consultative Committee.

P1. Priority 1 - Poorly Known Taxa
Taxa that are known from one or a few (generally < 5) populations that are under threat, either due to small population size, or being on lands under immediate threat, eg. road verges, urban areas, farmland, active mineral leases, or the plants are under threat from disease, grazing by feral animals etc. May include taxa with threatened populations on protected lands. Such taxa are under consideration for declaration as 'rare flora', but are in urgent need of further survey.

P2. Priority Two - Poorly Known Taxa
Taxa that are currently known from one or a few (generally < 5) populations, at least some of which are believed to be under immediate threat (ie. not currently endangered). Such taxa are under consideration for declaration as 'rare flora', but are in urgent need of further survey.

P3. Priority Three - Poorly Known Taxa
Taxa that are known from several populations, at least some of which are not believed to be under immediate threat (ie. not currently endangered). Such taxa are under consideration for declaration as 'rare flora', but are in need of further survey.

P4. Priority Four - Poorly Known Taxa
Taxa that are considered to have been adequately surveyed and which, that being rare (in Australia), are not currently threatened by identifiable factors. These taxa require monitoring every 5-10 years.

Species Code	CC	Family	Name
CHEAUS		Adiantaceae	Cheilanthes austrotenuifolia
CHESIE			Cheilanthes sieberi
CARMOD		Aizoaceae	Carpobrotus modestus
DISCRA			Disphyma crassifolium
GUNINT			Gunniopsis intermedia
GUNQUA			Gunniopsis quadrifida
GUNRUB	P3		Gunniopsis rubra
MESAIT			* Mesembryanthemum aitonis
MESCRY			* Mesembryanthemum crystallinum
MESNOD			* Mesembryanthemum nodiflorum
MICPAP			* Micropterum papulosum
TETDIP			Tetragonia diptera
TETIMP			Tetragonia implexicoma
PTIAER		Amaranthaceae	Ptilotus aervoides
PTIDEC			Ptilotus declinatus
PTIDIV			Ptilotus divaricatus
PTIDRU			Ptilotus drummondii
PTIEXA			Ptilotus exaltatus
PTIGAU			Ptilotus gaudichaudii
PTIHOL			Ptilotus holosericeus
PTIHUM			Ptilotus humilis
PTIMAN			Ptilotus manglesii
PTIOBO			Ptilotus obovatus
PTIPOL			Ptilotus polystachyus
PTISER			Ptilotus sericostachyus
PTISPA			Ptilotus spathulatus
PTISTI			Ptilotus stirlingii
AGRSCA		Anthericaceae	Agrostocrinum scabrum
AGRSTY			Agrostocrinum stypandroides
ARTCUR			Arthropodium curvipes
ARTDYE			Arthropodium dyeri
CAEALF			Caesia alfordii
CAEMIC			Caesia micrantha
CAEOCC			Caesia occidentalis
CHACOR			Chamaescilla corymbosa
CHASPI			Chamaescilla spiralis
CHAVER			Chamaescilla versicolor
CORMIC			Corynotheca micrantha
CORMICPA			Corynotheca micrantha var. panda
DICPREAF			Dichopogon aff preissii
DICCAP			Dichopogon capillipes
DICFIM			Dichopogon fimbriatus
DICPRE			Dichopogon preissii
JOHACA			Johnsonia acaulis
JOHLUP			Johnsonia lupulina
LAXBRA			Laxmannia brachyphylla

Species Code	CC	Family	Name
LAXGRA			Laxmannia grandiflora
LAXMIN			Laxmannia minor
LAXOMN			Laxmannia omnifertilis
LAXPAL			Laxmannia paleacea
LAXRAMDE			Laxmannia ramosa subsp. deflexa
LAXRAMRA			Laxmannia ramosa subsp. ramosa
LAXSESAU			Laxmannia sessiliflora subsp. australis
LAXSESSE			Laxmannia sessiliflora subsp. sessiliflora
LAXSQU			Laxmannia squarrosa
MURFRA	P2		Murchisonia fragrans
SOWLAX			Sowerbaea laxiflora
STAGYM			Stawellia gymnocephala
THYARB			Thysanotus arbuscula
THYARE			Thysanotus arenarius
THYDIC			Thysanotus dichotomus
THYGLA			Thysanotus glaucifolius
THYGRA			Thysanotus gracilis
THYMAN			Thysanotus manglesianus
THYMUL			Thysanotus multiflorus
THYPAT			Thysanotus patersonii
THYPSE			Thysanotus pseudojunceus
THYREC			Thysanotus rectantherus
THYSPA			Thysanotus sparteus
THYSPE			Thysanotus speckii
THYTEN_A			Thysanotus tenellus
THYTEN_B	P3		Thysanotus tenuis
THYTHY			Thysanotus thyrsoideus
THYTRI			Thysanotus triandrus
TRIELA			Tricoryne elatior
TRIHUM			Tricoryne humilis
TRITEN			Tricoryne tenella
TRITUB	P1		Tricoryne tuberosa
APIANN		Apiaceae	Apium annuum
BUPSEM			* Bupleurum semicompositum
CHLGAR			Chlaenosciadium gardneri
DAUGLO			Daucus glochidiatus
ERYPIN			Eryngium aff. pinnatifidum
ERYPINMI			Eryngium pinnatifidum subsp. minus
ERYPINPI			Eryngium pinnatifidum subsp. pinnatifidum
HOMHOM			Homalosciadium homalocarpum
HYDALA			Hydrocotyle alata
HYDCAL			Hydrocotyle callicarpa
HYDDIA			Hydrocotyle diantha
HYDMED			Hydrocotyle medicaginoides
HYDPIL			Hydrocotyle pilifera
HYDRUG			Hydrocotyle rugulosa

Species Code	CC	Family		Name
HYDSCU				Hydrocotyle scutellifera
PENPEL				Pentapeltis peltigera
PLACIR				Platysace cirrosa
PLACOM				Platysace commutata
PLAEFF				Platysace effusa
PLAJUN				Platysace juncea
PLAMAX				Platysace maxwellii
SCHJUN				Schoenolaena juncea
TRACER				Trachymene ceratocarpa
TRACYA				Trachymene cyanopetala
TRAELA				Trachymene elachocarpa
TRAORN				Trachymene ornata
TRAPIL				Trachymene pilosa
XANATK				Xanthosia atkinsoniana
XANBUN				Xanthosia bungei
XANCAN				Xanthosia candida
XANCIL				Xanthosia ciliata
XANHUE				Xanthosia huegelii
XANTOM	P4			Xanthosia tomentosa
ALYBUX		Apocynaceae		Alyxia buxifolia
GOMFRU		Asclepiadaceae	*	Gomphocarpus fruticosus
RHYLIN				Rhyncharrhena linearis
ASPASP		Asparagaceae	*	Asparagus asparagoides
BULSEM		Asphodelaceae		Bulbine semibarbata
ACTULI		Asteraceae		Actinobole uliginosum
ANGPRE				Angianthus preissianus
ANGTOM				Angianthus tomentosus
ARCCAL			*	Arctotheca calendula
ARGNIV				Argentipallium niveum
ARGTEP				Argentipallium tephrodes
ASTATH				Asteridea athrixioides
BELGRA				Bellida graminea
BLEDRU				Blennospora drummondii
BLEPHL	P2			Blennospora phlegmatocarpa
BRABEL				Brachyscome bellidioides
BRACHE				Brachyscome cheilocarpa
BRACIL_A				Brachyscome ciliaris
BRACIL_B				Brachyscome ciliocarpa
BRAEXI				Brachyscome exilis
BRAGLA				Brachyscome glandulosa
BRAGON				Brachyscome goniocarpa
BRAIBE				Brachyscome iberidifolia
BRAPER				Brachyscome perpusilla
BRAPUS				Brachyscome pusilla
CALMUL_B				Calocephalus multiflorus
CALHIS_A				Calotis hispidula
CALMUL_C				Calotis multicaulis
CENMEL			*	Centaurea melitensis
CEPDRU				Cephalipterum drummondii
CEPCAR				Cephalosorus carpesioides
CEROBI				Ceratogyne obionoides
CHOHAL				Chondropyxis halophila
CHRAPI				Chrysocephalum apiculatum
CHRSEM				Chrysocephalum semipapposum
CHTPSE				Chthonocephalus pseudevax
COTAUS				Cotula australis
COTBIP			*	Cotula bipinnata
COTCOR				Cotula coronopifolia
COTCOT				Cotula cotuloides
CRAVAR				Craspedia variabilis
ERYRAM				Erymophyllum ramosum
ERYTEN				Erymophyllum tenellum
EUCCOL	P3			Euchiton collinus
EUCSPH				Euchiton sphaericus
FELNIT				Feldstonia nitens
GILTEN				Gilberta tenuifolia
GILOSB				Gilruthia osbornei
GNEACI				Gnephosis acicularis
GNEANG				Gnephosis angianthoides
GNEDRU				Gnephosis drummondii
GNETEN				Gnephosis tenuissima
GNETRI_A				Gnephosis tridens
GORPER			*	Gorteria personata
HAETAT	P2			Haegiela tatei
HEDRHA			*	Hedypnois rhagadioloides
HELLEU				Helichrysum leucopsideum
HYAGLO				Hyalochlamys globifera
HYACOT				Hyalosperma cotula
HYADEM				Hyalosperma demissum
HYAGLUGL				Hyalosperma glutinosum subsp. glutinosum
HYAZAC				Hyalosperma zacchaeus
HYPGLA_B			*	Hypochaeris glabra
ISOGRA				Isoetopsis graminifolia
IXIVIS				Ixiolaena viscosa
LAGHUE				Lagenophora huegelii
LAWDAV				Lawrencella davenportii
LAWROS				Lawrencella rosea
LEMBUR				Lemooria burkittii
MICSCA	P3			Microseris scapigera
MILMAJ				Millotia major
MILMYO				Millotia myosotidifolia
MILPER				Millotia perpusilla

Species Code	CC	Family		Name
MILSTE	P2			Millotia steetziana
MILTEN				Millotia tenuifolia
MYRGAS				Myriocephalus gascoynensis
MYRGUE				Myriocephalus guerinae
MYROCC				Myriocephalus occidentalis
MYROLD				Myriocephalus oldfieldii
MYRPYG				Myriocephalus pygmaeus
OLECIL				Olearia ciliata
OLEDAMER				Olearia dampieri subsp. eremicola
OLEEXI				Olearia exiguifolia
OLEMUE				Olearia muelleri
OLEPAU				Olearia paucidentata
OLEPIM				Olearia pimeleoides
OLERAM				Olearia ramosissima
PITPUL				Pithocarpa pulchella
PODAUR				Podolepis auriculata
PODCAN				Podolepis canescens
PODCAP				Podolepis capillaris
PODGAR				Podolepis gardneri
PODGRA				Podolepis gracilis
PODKEN				Podolepis kendallii
PODLES				Podolepis lessonii
PODMIC				Podolepis microcephala
PODTEP				Podolepis tepperi
PODANG				Podotheca angustifolia
PODGNA				Podotheca gnaphalioides
PODUNI	P3			Podotheca uniseta
POGMUE				Pogonolepis muelleriana
POGSTR				Pogonolepis stricta
PSELUT			*	Pseudognaphalium luteoalbum
PTEPAN				Pterochaeta paniculata
QUIURV				Quinetia urvillei
RHOBAT				Rhodanthe battii
RHOCHA				Rhodanthe charsleyae
RHOCHLRO				Rhodanthe chlorocephala subsp. rosea
RHOCHLSP				Rhodanthe chlorocephala subsp. splendida
RHOCIT				Rhodanthe citrina
RHOCOR				Rhodanthe corymbosa
RHOFLO				Rhodanthe floribunda
RHOHET				Rhodanthe heterantha
RHOLAE				Rhodanthe laevis
RHOMAN				Rhodanthe manglesii
RHOMAR				Rhodanthe maryonii
RHOPOL				Rhodanthe polycephala
RHOPYG				Rhodanthe pygmaea
RHOSPI				Rhodanthe spicata

Species Code	CC	Family		Name
RHOSTE				Rhodanthe sterilescens
RHOSTR				Rhodanthe stricta
SCHCAS				Schoenia cassiniana
SCHFILFI				Schoenia filifolia subsp. filifolia
SENGLO_B				Senecio glossanthus
SENHIS				Senecio hispidulus
SENLAU				Senecio lautus
SENMIN				Senecio minimus
SENQUA				Senecio quadridentatus
SILFIL				Siloxerus filifolius
SILHUM				Siloxerus humifusus
SILMUL				Siloxerus multiflorus
SILPYG				Siloxerus pygmaeus
SONASP			*	Sonchus asper
SONOLE			*	Sonchus oleraceus
SONTEN			*	Sonchus tenerrimus
TOLBAR			*	Tolpis barbata
TRISPGL				Trichocline sp. Treeton (BJK & NG 564)
TRISPA				Trichocline spathulata
TRICLA			*	Tripteris clandestina
UROPIC			*	Urospermum picroides
URSANT			*	Ursinia anthemoides
VELDEA			*	Vellereophyton dealbatum
VITAUS				Vittadinia australasica
VITGRA				Vittadinia gracilis
VITTRI				Vittadinia triloba
WAIACU				Waitzia acuminata
WAINIT				Waitzia nitida
WAISUA				Waitzia suaveolens
ECHPLA		Boraginaceae	*	Echium plantagineum
HALANAAN				Halgania anagalloides var. anagalloides
HALANAPR				Halgania anagalloides var. preissiana
HALAND				Halgania andromedifolia
HALCYA				Halgania cyanea
HALINT				Halgania integerrima
HALLAV				Halgania lavandulacea
HALSER				Halgania sericiflora
OMPCON				Omphalolappula concava
BORCON		Boryaceae		Borya constricta
BORLAC				Borya laciniata
BORNIT				Borya nitida
BORSCI				Borya scirpoidea
BORSPH				Borya sphaerocephala
BRATOU		Brassicaceae	*	Brassica tournefortii
CARANN			*	Carrichtera annua
LEPOXY				Lepidium oxytrichum

Species Code	CC	Family		Name
LEPROT				Lepidium rotundum
MENAUS				Menkea australis
MICPIL				Microlepidium pilosulum
PHLDRU	P3			Phlegmatospermum drummondii
SISERY			*	Sisymbrium erysimoides
SISIRI			*	Sisymbrium irio
SISORI			*	Sisymbrium orientale
SISRUN			*	Sisymbrium runcinatum
STEANF				Stenopetalum anfractum
STEFIL_B				Stenopetalum filifolium
STEGRA				Stenopetalum gracile
STELIN				Stenopetalum lineare
STEPED				Stenopetalum pedicellare
STEROB				Stenopetalum robustum
STESAL				Stenopetalum salicola
LABLANBR		Caesalpiniaceae		Labichea lanceolata subsp. brevifolia
LABPUN				Labichea punctata
LABTERGR				Labichea teretifolia subsp. grandistipulata
SENART				Senna artemisioides
SENARTFI				Senna artemisioides subsp. filifolia
SENAxa				Senna artemisioides subsp. x artemisioides
SENAxc				Senna artemisioides subsp. x coriacea
SENCHA				Senna charlesiana
SENGLUX				Senna glutinosa subsp. x luerssenii
SENSP.				Senna sp. Austin (A.Strid 20210)
WAHCAP		Campanulaceae	*	Wahlenbergia capensis
WAHGRA				Wahlenbergia gracilenta
WAHMUL				Wahlenbergia multicaulis
WAHPRE				Wahlenbergia preissii
WAHTUM				Wahlenbergia tumidifructa
CERGLO		Caryophyllaceae	*	Cerastium glomeratum
MOEERE			*	Moenchia erecta
PETDUB			*	Petrorhagia dubia
SAGAPE			*	Sagina apetala
SILGAL			*	Silene gallica
SILNOC			*	Silene nocturna
SPEPEN			*	Spergula pentandra
SPEDIA			*	Spergularia diandra
SPEMAR				Spergularia marina
SPERUB			*	Spergularia rubra
STEFIL_A				Stellaria filiformis
STEMED			*	Stellaria media
ALLACU		Casuarinaceae		Allocasuarina acutivalvis
ALLCAM				Allocasuarina campestris
ALLCOR				Allocasuarina corniculata
ALLFRA				Allocasuarina fraseriana

Species Code	CC	Family	Name
ALLHUE			Allocasuarina huegeliana
ALLHUM			Allocasuarina humilis
ALLLEH			Allocasuarina lehmanniana
ALLMIC			Allocasuarina microstachya
ALLPIN			Allocasuarina pinaster
ALLSPI			Allocasuarina spinosissima
ALLTHU			Allocasuarina thuyoides
CASOBE			Casuarina obesa
PSACHO		Celastraceae	Psammomoya choretroides
PSAPET			Psammomoya petraea
APHBRI		Centrolepidaceae	Aphelia brizula
APHCYP			Aphelia cyperoides
APHDRU			Aphelia drummondii
APHNUT			Aphelia nutans
CENAFFCE			Centrolepis aff. cephaloformis (GJK & NG 6571)
CENALE			Centrolepis alepyroides
CENARI			Centrolepis aristata
CENCEP			Centrolepis cephaloformis
CENDRU			Centrolepis drummondiana
CENERE			Centrolepis eremica
CENGLA			Centrolepis glabra
CENHUM			Centrolepis humillima
CENINC			Centrolepis inconspicua
CENMUT			Centrolepis mutica
CENPIL			Centrolepis pilosa
CENPOL			Centrolepis polygyna
CENSTR			Centrolepis strigosa
ATRLININ		Chenopodiaceae	Atriplex lindleyi subsp. inflata
ATRNAN			Atriplex nana
ATRPAL			Atriplex paludosa
ATRSEM_A			Atriplex semibaccata
ATRSEM_B			Atriplex semilunaris
ATRVES			Atriplex vesicaria
CHECUR			Chenopodium curvispicatum
CHEGAU			Chenopodium gaudichaudianum
ENCTOM			Enchylaena tomentosa
ERISCL			Eriochiton sclerolaenoides
HALHAL			Halosarcia halocnemoides
HALIND			Halosarcia indica
HALLEP_A			Halosarcia lepidosperma
HALPER			Halosarcia pergranulata
MAICAR			Maireana carnosa
MAIENC			Maireana enchylaenoides
MAIERI_A			Maireana erioclada
MAIERI_B			Maireana eriosphaera
MAIGEO			Maireana georgei

Species Code	CC	Family		Name
MAIGLO				Maireana glomerifolia
MAIMAR				Maireana marginata
MAIPLA				Maireana planifolia
MAITHE				Maireana thesioides
MAITOM				Maireana tomentosa
MAITRI_A				Maireana trichoptera
MAITRI_B				Maireana triptera
OSTSAL				Osteocarpum salsuginosum
RHABAC				Rhagodia baccata
RHACRA				Rhagodia crassifolia
RHADRU				Rhagodia drummondii
RHAPRE				Rhagodia preissii
SCLDIA				Sclerolaena diacantha
SCLDRU				Sclerolaena drummondii
SCLFUS				Sclerolaena fusiformis
SCLPAT				Sclerolaena patenticuspis
THRDIF				Threlkeldia diffusa
BURCON		Colchicaceae		Burchardia congesta
BURMON				Burchardia monantha
BURMUL				Burchardia multiflora
WURDEN				Wurmbea densiflora
WURDIL				Wurmbea dilatata
WURDIO				Wurmbea dioica
WURDRU	P4			Wurmbea drummondii
WURGRA				Wurmbea graniticola
WURMON				Wurmbea monantha
WURMUR	P4			Wurmbea murchisoniana
WURSIN				Wurmbea sinora
WURTEN				Wurmbea tenella
BONROS		Convolvulaceae		Bonamia rosea
PORSER				Porana sericea
WILHUM				Wilsonia humilis
CRACLO		Crassulaceae		Crassula closiana
CRACOL				Crassula colorata
CRADEC			*	Crassula decumbens
CRAEXS				Crassula exserta
CRANAT			*	Crassula natans
CRAPED				Crassula peduncularis
CRASIE				Crassula sieberiana
CRATHUTH			*	Crassula thunbergiana subsp. thunbergiana
ACTARE		Cupressaceae		Actinostrobus arenarius
ACTPYR				Actinostrobus pyramidalis
CALCAN				Callitris canescens
CALDRU_A				Callitris drummondii
CALGLA				Callitris glaucophylla
CALROE_A				Callitris roei
CALTUB				Callitris tuberculata
CALVER				Callitris verrucosa
CUSEPI		Cuscutaceae	*	Cuscuta epithymum
CUSPLA			*	Cuscuta planiflora
BAUJUN		Cyperaceae		Baumea juncea
BULBAR				Bulbostylis barbata
CAUDIO				Caustis dioica
CAUGIG	P2			Caustis gigas
CAUSP.	P1			Caustis sp. Boyanup (G.S.McCutcheon 1706)
CHOENO				Chorizandra enodis
CHRDIS				Chrysitrix distigmatosa
CYAAVE				Cyathochaeta avenacea
CYACLA				Cyathochaeta clandestina
CYPTEN			*	Cyperus tenellus
GAHANC				Gahnia ancistrophylla
GAHARI				Gahnia aristata
GAHAUS				Gahnia australis
GAHDRU				Gahnia drummondii
GAHLAN				Gahnia lanigera
GAHSP.				Gahnia sp.L (K.R.Newbey 7888)
GAHTRI				Gahnia trifida
ISOCER				Isolepis cernua
ISOCON				Isolepis congrua
ISOMAR			*	Isolepis marginata
ISONOD				Isolepis nodosa
ISOOLD				Isolepis oldfieldiana
ISOSET				Isolepis setiformis
LEPAFFBR				Lepidosperma aff. brunonium (GJK & NG 5486)
LEPAFFPU				Lepidosperma aff. pubisquameum (GJK & NG 5489)
LEPAFFRE				Lepidosperma aff. resinosum (GJK & NG 5461)
LEPAFFSQ				Lepidosperma aff. squamatum (GJK & NG 5462)
LEPAFFTE				Lepidosperma aff. tenue
LEPAPH_A				Lepidosperma aphyllum
LEPBEN				Lepidosperma benthamianum
LEPBRU				Lepidosperma brunonianum
LEPCAR				Lepidosperma carphoides
LEPCFANG				Lepidosperma cf. angustatum
LEPCOS				Lepidosperma costale
LEPDRU				Lepidosperma drummondii
LEPGRA				Lepidosperma gracile
LEPLEP				Lepidosperma leptostachyum
LEPLON				Lepidosperma longitudinale
LEPPRU	P3			Lepidosperma pruinosum
LEPPUBX				Lepidosperma pubisquamatum x gracile
LEPPUB				Lepidosperma pubisquameum
LEPRES				Lepidosperma resinosum

Species Code	CC	Family	Name
LEPSCA			Lepidosperma scabrum
LEPIPC			Lepidosperma sp peak charles
LEPSP38			Lepidosperma sp. (AW 778)
LEPSP46			Lepidosperma sp. (AW 787)
LEPSP02			Lepidosperma sp. (GJK & NG 5487)
LEPISPN6			Lepidosperma sp. (NG 3944)
LEPISPO2			Lepidosperma sp. O2 (GJK & NG 6197)
LEPSPUN			Lepidosperma sp. Unicup
LEPSP._A			Lepidosperma sp.A2 Island Flat (G.J.Keighery 7000)
LEPSP._D			Lepidosperma sp.K Boorabbin (K.L.Wilson 2579)
LEPSP._C			Lepidosperma sp.P1 small head (M.D.Tindale 166A)
LEPSQU_A			Lepidosperma squamatum
LEPSTR			Lepidosperma striatum
LEPTEN_A			Lepidosperma tenue
LEPVIS			Lepidosperma viscidum
MESGRA			Mesomelaena graciliceps
MESPRE			Mesomelaena preissii
MESPSE			Mesomelaena pseudostygia
MESSTY			Mesomelaena stygia
MESTET			Mesomelaena tetragona
SCHAFFCL			Schoenus aff. clandestinus
SCHAFFPL			Schoenus aff. pleiostemoneus (GJK & NG 5053)
SCHAFPLH			Schoenus aff. pleiostemoneus "hairy" (GJK & NG 3676)
SCHARM			Schoenus armeria
SCHBIF			Schoenus bifidus
SCHBRE_A			Schoenus breviculmis
SCHBRE_B			Schoenus brevisetis
SCHCAE			Schoenus caespititius
SCHCAL			Schoenus calcatus
SCHCLA			Schoenus clandestinus
SCHCUR			Schoenus curvifolius
SCHEFO			Schoenus efoliatus
SCHELE			Schoenus elegans
SCHGLO			Schoenus globifer
SCHGRA			Schoenus grammatophyllus
SCHGRI	P2		Schoenus griffinianus
SCHHEX			Schoenus hexandrus
SCHHUM			Schoenus humilis
SCHINS			Schoenus insolitus
SCHLAE			Schoenus laevigatus
SCHLAN			Schoenus lanatus
SCHLAT			Schoenus latitans
SCHMIN			Schoenus minutulus
SCHNAN			Schoenus nanus
SCHNANDW			Schoenus nanus dwarf form (GJK & NG 6732)
SCHNIT			Schoenus nitens
SCHOBT			Schoenus obtusifolius
SCHODO			Schoenus odontocarpus
SCHPLE			Schoenus pleiostemoneus
SCHPLU			Schoenus plumosus
SCHRAC			Schoenus racemosus
SCHRIG			Schoenus rigens
SCHSCU			Schoenus sculptus
SCHSES			Schoenus sesquispiculus
SCHSPGP			Schoenus sp. (GJK & NG 5940)
SCHOSP24			Schoenus sp. (GJK & NG 5048)
SCHSPWH9			Schoenus sp. (GJK & NG 5047)
SCHOSPPB			Schoenus sp. Pale bases (GJK & NG 5050)
SCHSPW4			Schoenus sp. (GJK & NG 5051)
SCHSP._A			Schoenus sp.A1 Boorabbin (K.L.Wilson 2581)
SCHSP._D			Schoenus sp.A2 Kulin (B.G.Briggs 7939)
SCHSP._F			Schoenus sp. Grey Rhizome (K.L.Wilson 2922)
SCHSP._H			Schoenus sp. smooth culms (K.R.Newbey 7823)
SCHSP._I			Schoenus sp. Toodyay (G.J.Keighery & N.Gibson 2918)
SCHSUB_A			Schoenus subaphyllus
SCHSUB_B			Schoenus subbarbatus
SCHSUB_C			Schoenus subfascicularis
SCHSUB_D			Schoenus subflavus
SCHSUB_E			Schoenus sublateralis
SCHUNI			Schoenus unispiculatus
SCHVAR			Schoenus variicellae
SCHBRESC			Schoenus vel aff. brevisetis (Cranfield & Spencer 8408)
SCHVAFBR			Schoenus vel. aff. brevisetis
TETCAP			Tetraria capillaris
TETMIC			Tetraria microcarpa
TETOCT			Tetraria octandra
TRIAFFCO			Tricostularia aff. compressa
TRICOM			Tricostularia compressa
TRINEE			Tricostularia neesii
ACACAN		Dasypogonaceae	Acanthocarpus canaliculatus
ACAPRE_A			Acanthocarpus preissii
ACAROB			Acanthocarpus robustus
CALCYA	P2		Calectasia cyanea
CALGRA_D			Calectasia gracilis
CALGRAWH			Calectasia grandiflora subsp. wheatbelt (A.M.Coates 4315)
CALPIG	R		Calectasia pignattiana
CHAFIM			Chamaexeros fimbriata
CHAMAC			Chamaexeros macranthera
CHASER			Chamaexeros serra
DASBRO			Dasypogon bromeliifolius
DASOBL			Dasypogon obliquifolius
KINAUS			Kingia australis

Species Code	CC	Family	Name
LOMAFFSU			Lomandra aff. suaveolens
LOMBRI			Lomandra brittanii
LOMCAE			Lomandra caespitosa
LOMCOL			Lomandra collina
LOMEFF			Lomandra effusa
LOMHER			Lomandra hermaphrodita
LOMINT			Lomandra integra
LOMMICMI			Lomandra micrantha subsp. micrantha
LOMMICTE			Lomandra micrantha subsp. teretifolia
LOMMICRO			Lomandra micrantha subsp. teretifolia robust (GJK & NG 4121)
LOMMUC			Lomandra mucronata
LOMNIG			Lomandra nigricans
LOMNUT			Lomandra nutans
LOMPRE			Lomandra preissii
LOMPUR			Lomandra purpurea
LOMSER			Lomandra sericea
LOMSON			Lomandra sonderi
LOMSPA			Lomandra spartea
LOMSUA			Lomandra suaveolens
PTEESC		Dennstaedtiaceae	Pteridium esculentum
HIBACE		Dilleniaceae	Hibbertia acerosa
HIBAFFEA			Hibbertia aff. eatoniae (RAS 445)
HIB_gla			Hibbertia aff. glabriuscula (GJK & NG 3714)
HIB_glo			Hibbertia aff. glomerosa
HIBAFFGR			Hibbertia aff. gracilipies (GJK & NG 5072)
HIBAFFIN			Hibbertia aff. inconspicua (GJK & NG 6498)
HIBARC			Hibbertia arcuata
HIBAUR			Hibbertia aurea
HIBCOM			Hibbertia commutata
HIBCON			Hibbertia conspicua
HIBCRA			Hibbertia crassifolia
HIBCUN			Hibbertia cunninghamii
HIBDES			Hibbertia desmophylla
HIBDRU			Hibbertia drummondii
HIBEAT			Hibbertia eatoniae
HIBENE			Hibbertia enervia
HIBEXA			Hibbertia exasperata
HIBGLA	P2		Hibbertia glabriuscula
HIBGLO			Hibbertia glomerosa
HIBGRA			Hibbertia gracilipes
HIBHUE			Hibbertia huegelii
HIBHYP			Hibbertia hypericoides
HIBINC_B			Hibbertia inconspicua
HIBLAS			Hibbertia lasiopus
HIBLIN			Hibbertia lineata
HIBMON	P4		Hibbertia montana
HIBNOT		Dilleniaceae	Hibbertia notibractea
HIBPOL			Hibbertia polystachya
HIBPUN			Hibbertia pungens
HIBQUA			Hibbertia quadricolor
HIBRAC			Hibbertia racemosa
HIBREC			Hibbertia recurvifolia
HIBRHA			Hibbertia rhadinopoda
HIBROS			Hibbertia rostellata
HIBRUP			Hibbertia rupicola
HIBSPI			Hibbertia spicata
HIBSTE			Hibbertia stellaris
HIBSTO			Hibbertia stowardii
HIBSUB			Hibbertia subvaginata
HIBTER			Hibbertia teretifolia
HIBTRI			Hibbertia trichocalyx
HIBUNC			Hibbertia uncinata
HIBVAG			Hibbertia vaginata
HIBVER			Hibbertia verrucosa
DIOHAS		Dioscoreaceae	Dioscorea hastifolia
DROAND_A		Droseraceae	Drosera andersoniana
DROAND_B			Drosera androsacea
DROBAR			Drosera barbigera
DROBUL			Drosera bulbosa
DROERI			Drosera ericksoniae
DROERY			Drosera erythrorhiza
DROGIG			Drosera gigantea
DROGLA			Drosera glanduligera
DROHET			Drosera heterophylla
DROINT			Drosera intricata
DROLEU			Drosera leucoblasta
DROLOW			Drosera lowriei
DROMAC_A			Drosera macrantha
DROMAC_B			Drosera macrophylla
DROMEN			Drosera menziesii
DROMIC			Drosera microphylla
DRONEE			Drosera neesii subsp. neesii
DRONEEBO			Drosera neesii subsp. borealis
DROOCC			Drosera occidentalis
DROPAL_A			Drosera paleacea
DROPAL_B			Drosera pallida
DROPAR			Drosera parvula
DROPLA			Drosera platystigma
DROPUL			Drosera pulchella
DROPYC			Drosera pycnoblasta
DRORAD			Drosera radicans
DRORAM			Drosera ramellosa

Species Code	CC	Family	Name
DROREC			Drosera rechingeri
DROROS			Drosera rosulata
DROSCO			Drosera scorpioides
DROSP21			Drosera sp. (GJK & NG 4955)
DROSTO			Drosera stolonifera
DROSUB			Drosera subhirtella
DROZON			Drosera zonaria
ECDMON		Ecdeiocoleaceae	Ecdeiocolea monostachya
ELAGRA		Elatinaceae	Elatine gratioloides
ACRCOR		Epacridaceae	Acrotriche cordata
ACRPAT	P2		Acrotriche patula
ACRRAM			Acrotriche ramiflora
ANDAFFPA			Andersonia aff. parvifolia (GJK & NG 5878)
ANDCAE			Andersonia caerulea
ANDCAR	P2		Andersonia carinata
ANDGRA	R		Andersonia gracilis
ANDLEH			Andersonia lehmanniana
ANDMAC	P2		Andersonia macranthera
ANDPAR			Andersonia parvifolia
ANDSPBF			Andersonia sp. (GJK 16309)
ANDSPR			Andersonia sprengelioides
ASTBAX			Astroloma baxteri
ASTCAT			Astroloma cataphractum
ASTCIL			Astroloma ciliatum
ASTCOM			Astroloma compactum
ASTDRU			Astroloma drummondii
ASTEPA			Astroloma epacridis
ASTHUM			Astroloma humifusum
ASTMAC			Astroloma macrocalyx
ASTPAL			Astroloma pallidum
ASTPED			Astroloma pedicellatum
ASTPRO			Astroloma prostratum
ASTSER			Astroloma serratifolium
ASTTEC			Astroloma tectum
ASTXER			Astroloma xerophyllum
BRACON			Brachyloma concolor
BRAPRE			Brachyloma preissii
BRASP20			Brachyloma sp. (GJK & NG 5870)
COLMYR			Coleanthera myrtoides
CONDRU			Conostephium drummondii
CONPEN			Conostephium pendulum
CONROE			Conostephium roei
CONSP20			Conostephium sp. (GJK & NG 5871)
LEUAFFCO			Leucopogon aff. conostephiodes (GJK & NG 5592)
LEUAFFGL			Leucopogon aff. glabellus
LEUAFFHA			Leucopogon aff. hamulosus (GJK & NG 6753)
LEUAFFLA			Leucopogon aff. lasiostachya (GJK & NG 5567)
LEUAFFOB			Leucopogon aff. obtusatus
LEUAFFSP			Leucopogon aff. sprengeloides (GJK & NG 5573)
LEUALL			Leucopogon allittii
LEUAMP	P2		Leucopogon amplectens
LEUAUS			Leucopogon australis
LEUBOS			Leucopogon bossiaea
LEUBRE			Leucopogon breviflorus
LEUCAP			Leucopogon capitellatus
LEUCON_A			Leucopogon concinnus
LEUCON_B			Leucopogon conostephioides
LEUCRA_A			Leucopogon crassiflorus
LEUCRA_B			Leucopogon crassifolius
LEUCUC			Leucopogon cucullatus
LEUCUN			Leucopogon cuneifolius
LEUCYM			Leucopogon cymbiformis
LEUDIE			Leucopogon dielsianus
LEUDIS			Leucopogon distans
LEUDUR	P2		Leucopogon durus
LEUFIM			Leucopogon fimbriatus
LEUGIB			Leucopogon gibbosus
LEUGLA			Leucopogon glabellus
LEUGRA			Leucopogon gracilis
LEUHAM			Leucopogon hamulosus
LEUMIN			Leucopogon minutifolius
LEUMUL	P2		Leucopogon multiflorus
LEUNUT			Leucopogon nutans
LEUOBL	P2		Leucopogon oblongus
LEUOBO			Leucopogon obovatus
LEUOLD			Leucopogon oldfieldii
LEUOXY			Leucopogon oxycedrus
LEUPAR			Leucopogon parviflorus
LEUPRO			Leucopogon propinquus
LEUREV			Leucopogon revolutus
LEUROT	P3		Leucopogon rotundifolius
LEUCSP23			Leucopogon sp. (GJK & NG 5565)
LEUCSP24			Leucopogon sp. (GJK & NG5566)
LEUCSP11			Leucopogon sp. (GJK & NG 5572)
LEUSPMR			Leucopogon sp. Morseby Range (GJK & NG 6526)
LEUSP._A	P1		Leucopogon sp. Bonnie Hill (K.R.Newbey 9831)
LEUSP._D			Leucopogon sp. Corrigin (K.Kershaw KK 2091)
LEUSP._F			Leucopogon sp. Kalbarri (J.M.Powell 1695)
LEUSP._B	P2		Leucopogon sp. Kau Rock (M.A.Burgman 1126)
LEUSP._G			Leucopogon sp. Lake King (A.J.G.Wilson 65)
LEUSP._E			Leucopogon sp. outer wheatbelt (M.Hislop 30)
LEUSP._C			Leucopogon sp. Wheatbelt (S.Murray 257)

Species Code	CC	Family		Name
LEUSPR				Leucopogon sprengelioides
LEUSTR				Leucopogon striatus
LEUTAM_A	P4			Leucopogon tamariscinus
LEUTAM_B				Leucopogon tamminensis
LEUVER				Leucopogon verticillatus
LYSCIL				Lysinema ciliatum
OLIMIC				Oligarrhena micrantha
STYINT				Styphelia intertexta
STYMEL				Styphelia melaleucoides
STYTEN_A				Styphelia tenuiflora
AMPPRO	P2	Euphorbiaceae		Amperea protensa
BERDIM				Bertya dimerostigma
BEYBRE				Beyeria brevifolia
BEYGAR	P1			Beyeria gardneri
BEYLEC				Beyeria lechenaultii
CALPAU				Calycopeplus paucifolius
EUPAUS				Euphorbia australis
MONGRA_A				Monotaxis gracilis
MONGRA_B				Monotaxis grandiflora
MONMEG				Monotaxis megacarpa
MONOCC				Monotaxis occidentalis
MONPAX				Monotaxis paxii
PHYCAL				Phyllanthus calycinus
PORMIC				Poranthera microphylla
PSEVIR				Pseudanthus virgatus
RICGLA				Ricinocarpos glaucus
RICPSI				Ricinocarpos psilocladus
STAAXI	P4			Stachystemon axillaris
STABRA				Stachystemon brachyphyllus
STAPOL				Stachystemon polyandrus
STASP.	P1			Stachystemon sp. Mt Baring (K.R.Newbey 9773)
STAVER				Stachystemon vermicularis
FRACON	R	Frankeniaceae		Frankenia conferta
FRADES				Frankenia desertorum
CENERY		Gentianaceae	*	Centaurium erythraea
CENSPI				Centaurium spicatum
CICFIL			*	Cicendia filiformis
CICQUA			*	Cicendia quadrangularis
SEBOVA				Sebaea ovata
EROAUR		Geraniaceae	*	Erodium aureum
EROBOT			*	Erodium botrys
EROCIC			*	Erodium cicutarium
EROCYG				Erodium cygnorum
GERDIS			*	Geranium dissectum
GERMOL			*	Geranium molle
GERRET				Geranium retrorsum
GERSOL				Geranium solanderi
PELHAV				Pelargonium havlasae
PELLIT				Pelargonium littorale
ANTJUN	P4	Goodeniaceae		Anthotium junciforme
ANTRUB				Anthotium rubriflorum
BRUAUS				Brunonia australis
COOPOL				Coopernookia polygalacea
COOSTR				Coopernookia strophiolata
DAMALA				Dampiera alata
DAMALT				Dampiera altissima
DAMANGAN				Dampiera angulata subsp. angulata
DAMANGGR				Dampiera angulata subsp. gracilior
DAMCAN				Dampiera candicans
DAMFAS				Dampiera fasciculata
DAMINC				Dampiera incana
DAMJUN				Dampiera juncea
DAMLAV				Dampiera lavandulacea
DAMLIN_A				Dampiera lindleyi
DAMLIN_B				Dampiera linearis
DAMOBL				Dampiera obliqua
DAMOLI				Dampiera oligophylla
DAMPED				Dampiera pedunculata
DAMSAC				Dampiera sacculata
DAMSPI				Dampiera spicigera
DAMTER				Dampiera teres
DAMWEL				Dampiera wellsiana
GOOAFF				Goodenia affinis
GOOBER				Goodenia berardiana
GOOCAE				Goodenia caerulea
GOOCON				Goodenia concinna
GOOMIC				Goodenia micrantha
GOOMIM				Goodenia mimuloides
GOOOCC				Goodenia occidentalis
GOOPIN_A				Goodenia pinifolia
GOOPUL				Goodenia pulchella
GOOPUS				Goodenia pusilliflora
GOOSCA				Goodenia scapigera
LECBIL				Lechenaultia biloba
LECEXP				Lechenaultia expansa
LECJUN	P3			Lechenaultia juncea
LECLIN				Lechenaultia linarioides
LECPUL	R			Lechenaultia pulvinaris
LECTUB				Lechenaultia tubiflora
SCABUR				Scaevola bursariifolia
SCACAL				Scaevola calliptera
SCACAN				Scaevola canescens

Species Code	CC	Family	Name
SCAGLA			Scaevola glandulifera
SCAHUM			Scaevola humifusa
SCAMYR			Scaevola myrtifolia
SCAPHL			Scaevola phlebopetala
SCAPLA			Scaevola platyphylla
SCAREP			Scaevola repens
SCARESRE			Scaevola restiacea subsp. restiacea
SCASPI			Scaevola spinescens
SCATHE			Scaevola thesioides
VELARG			Velleia arguta
VELCYC			Velleia cycnopotamica
VELHIS			Velleia hispida
VELROS			Velleia rosea
VELTRI			Velleia trinervis
ANIBIC		Haemodoraceae	Anigozanthos bicolor
ANIHUM			Anigozanthos humilis
ANIMAN			Anigozanthos manglesii
ANIRUF			Anigozanthos rufus
CONACU			Conostylis aculeata
CONAFFSE			Conostylis aff. setigera (GJK & NG 5288)
CONAND			Conostylis androstemma
CONARG			Conostylis argentea
CONAUR			Conostylis aurea
CONBEA			Conostylis bealiana
CONBRE			Conostylis breviscapa
CONCAN			Conostylis candicans
CONCARCA			Conostylis caricina subsp. caricina
CONCRAAB			Conostylis crassinervia subsp. absens
CONJUN			Conostylis juncea
CONLAX			Conostylis laxiflora
CONLEP	R		Conostylis lepidospermoides
CONPET			Conostylis petrophiloides
CONPRO			Conostylis prolifera
CONPUS			Conostylis pusilla
CONRES			Conostylis resinosa
CONROB			Conostylis robusta
CONROG	R		Conostylis rogeri
CONSEOSE			Conostylis seorsiflora subsp. seorsiflora
CONSER			Conostylis serrulata
CONSET_A			Conostylis setigera
CONSET_B			Conostylis setosa
CONSTY			Conostylis stylidioides
CONTER			Conostylis teretiuscula
CONVAG			Conostylis vaginata
CONVIL			Conostylis villosa
CONWON	R		Conostylis wonganensis

Species Code	CC	Family		Name
HAEDIS				Haemodorum discolor
HAELAX				Haemodorum laxum
HAEPAN				Haemodorum paniculatum
HAESIM				Haemodorum simplex
HAESPA				Haemodorum sparsiflorum
HAESPI				Haemodorum spicatum
PHLCIL				Phlebocarya ciliata
TRIAUS				Tribonanthes australis
TRILON_A				Tribonanthes longipetala
TRIUNI				Tribonanthes uniflora
TRIVIO				Tribonanthes violacea
GLIAUR		Haloragaceae		Glischrocaryon aureum
GLIFLA				Glischrocaryon flavescens
GONBEN				Gonocarpus benthamii
GONCON				Gonocarpus confertifolius
GONCOR				Gonocarpus cordiger
GONNOD				Gonocarpus nodulosus
GONPAN				Gonocarpus paniculatus
GONPIT				Gonocarpus pithyoides
GONPYC	P3			Gonocarpus pycnostachyus
HALTRI				Haloragis trigonocarpa
HYPGLA_A		Hypoxidaceae		Hypoxis glabella
HYPOCC				Hypoxis occidentalis
HYPVAG				Hypoxis vaginata
FREALB		Iridaceae	*	Freesia alba x leichtlinii
GLAUND			*	Gladiolus undulatus
MORFLA			*	Moraea flaccida
MORSET			*	Moraea setifolia
ORTLAX				Orthrosanthus laxus
PATBAB				Patersonia babianoides
PATDRU				Patersonia drummondii
PATGRA				Patersonia graminea
PATJUN				Patersonia juncea
PATOCC				Patersonia occidentalis
PATPYG				Patersonia pygmaea
PATRUD				Patersonia rudis
PATSP.				Patersonia sp.Swamp form(N.Gibson & M.Lyons 544)
ROMROS			*	Romulea rosea
SPABUL			*	Sparaxis bulbifera
ISOAUS_A		Isoetaceae		Isoetes australis
ISOBRE	P3			Isoetes brevicula
ISOCAR				Isoetes caroli
JUNBUF		Juncaceae	*	Juncus bufonius
JUNCAP			*	Juncus capitatus
JUNKRAAU				Juncus kraussii subsp. australiensis
JUNPAL				Juncus pallidus

Species Code	CC	Family	Name
LUZMER			Luzula meridionalis
TRIAFFMI		Juncaginaceae	Triglochin aff. minutissima
TRICALSS			Triglochin calcitrapa (slender sessile)
TRICALCA			Triglochin calcitrapum subsp. calcitrapum
TRICALIN			Triglochin calcitrapum subsp. incurvum
TRICALRE			Triglochin calcitrapum subsp. recurvum
TRICEN			Triglochin centrocarpa
TRILIN			Triglochin linearis
TRIMIN			Triglochin minutissima
TRIMINEL			Triglochin minutissima subsp. elongatum
TRIMUC			Triglochin mucronata
TRINAN			Triglochin nana
TRIPRO	P3		Triglochin protuberans
TRISTO	P3		Triglochin stowardii
CHLCOC		Lamiaceae	Chloanthes coccinea
DICCOR			Dicrastylis corymbosa
HEMPUN			Hemiandra pungens
HEMINC			Hemigenia incana
HEMOBO			Hemigenia obovata
HEMSER			Hemigenia sericea
HEMSP.			Hemigenia sp. Jibberding (J.D'Alonzo 418)
HEMTER			Hemigenia teretiuscula
HEMVIS	P4		Hemigenia viscida
LACERI			Lachnostachys eriobotrya
MICCAP			Microcorys capitata
MICEXS			Microcorys exserta
MICGLA			Microcorys glabra
MICOBO_B			Microcorys obovata
MICSUB			Microcorys subcanescens
MICTEN	P2		Microcorys tenuifolia
PHYLAC			Physopsis lachnostachya
PITATR			Pityrodia atriplicina
PITHEM			Pityrodia hemigenioides
PITTER			Pityrodia terminalis
PITVER			Pityrodia verbascina
PROGRY			Prostanthera grylloana
TEUMYR			Teucrium myriocladum
WESCEP			Westringia cephalantha
WESRIG			Westringia rigida
CASAURML		Lauraceae	Cassytha aff. aurea
CASAUR			Cassytha aurea
CASFLA			Cassytha flava
CASGLA			Cassytha glabella
CASMEL			Cassytha melantha
CASNOD			Cassytha nodiflora
CASPOM			Cassytha pomiformis
CASRAC			Cassytha racemosa
UTRMUL		Lentibulariaceae	Utricularia multifida
UTRTEN			Utricularia tenella
LINMAR		Linaceae	Linum marginale
LINLIN		Lindsaeaceae	Lindsaea linearis
ISOHYP		Lobeliaceae	Isotoma hypocrateriformis
ISOSCA_B			Isotoma scapigera
LOBGIB			Lobelia gibbosa
LOBHET			Lobelia heterophylla
LOBRAR			Lobelia rarifolia
LOBRHO			Lobelia rhombifolia
LOBRHY			Lobelia rhytidosperma
LOBTEN			Lobelia tenuior
LOBWIN			Lobelia winfridae
MONDEB			* Monopsis debilis
LOGCAM		Loganiaceae	Logania campanulata
LOGFAS			Logania fasciculata
LOGFLA			Logania flaviflora
LOGMIC			Logania micrantha
LOGSER			Logania serpyllifolia
LOGSPE			Logania spermacocea
LOGSTE			Logania stenophylla
LOGTOR			Logania tortuosa
PHYDIV			Phyllangium divergens
PHYLSP			Phyllangium paradoxum complex
AMYMIQ		Loranthaceae	Amyema miquelii
AMYPRE			Amyema preissii
NUYFLO			Nuytsia floribunda
PHYDRU		Lycopodiaceae	Phylloglossum drummondii
ABUOXYPR		Malvaceae	Abutilon oxycarpum subsp. prostratum
ALYHAK			Alyogyne hakeifolia
ALYHUEWR			Alyogyne huegelii var. wrayae
LAWSQU			Lawrencia squamata
SIDCAL			Sida calyxhymenia
MARCOS		Marsileaceae	Marsilea costulifera
MARDRU			Marsilea drummondii
MARMUT			Marsilea mutica
VILCAP		Menyanthaceae	Villarsia capitata
ACAACA		Mimosaceae	Acacia acanthoclada
ACAACO			Acacia acoma
ACAACU_A			Acacia acuaria
ACAACU_B			Acacia acuminata
ACAACU_C			Acacia acutata
ACAAEMAE	P4		Acacia aemula subsp. aemula
ACAAEMMU			Acacia aemula subsp. muricata
ACAAFFAN			Acacia aff. andrewsii

Species Code	CC	Family	Name
ACAAFFTE			Acacia aff. tetanophylla (GJK & NG 4023)
ACAALA			Acacia alata
ACAANC			Acacia ancistrophylla
ACAAND			Acacia andrewsii
ACAANF			Acacia anfractuosa
ACAANT			Acacia anthochaera
ACAAPP			Acacia applanata
ACAASC	P2		Acacia ascendens
ACAASSAS			Acacia assimilis subsp. assimilis
ACAASSAT			Acacia assimilis subsp. atroviridis
ACAATAMA	R		Acacia ataxiphylla subsp. magna
ACABARBA			Acacia barbinervis subsp. barbinervis
ACABARBO			Acacia barbinervis subsp. borealis
ACABEA			Acacia beauverdiana
ACABID			Acacia bidentata
ACABIF			Acacia biflora
ACABLA			Acacia blakelyi
ACABRA_A			Acacia brachyclada
ACABRA_B	R		Acacia brachypoda
ACABRU			Acacia brumalis
ACABUR			Acacia burkittii
ACACAM	P3		Acacia campylophylla
ACACEL			Acacia celastrifolia
ACACHA			Acacia chamaeleon
ACACHR_A			Acacia chrysella
ACACHR_B			Acacia chrysocephala
ACACOL			Acacia colletioides
ACACOOCO			Acacia coolgardiensis subsp. coolgardiensis
ACACOOEF			Acacia coolgardiensis subsp. effusa
ACACRA			Acacia cracentis
ACACRI			Acacia crispula
ACACUN	P4		Acacia cuneifolia
ACACYC			Acacia cyclops
ACACYL	P3		Acacia cylindrica
ACADEF			Acacia deficiens
ACADEP	R		Acacia depressa
ACADIA			Acacia diaphyllodinea
ACADIC	P2		Acacia dictyoneura
ACADIE			Acacia dielsii
ACADISIN	P3		Acacia dissona var. indoloria
ACADREMI	P2		Acacia drewiana subsp. minor
ACADRU			Acacia drummondii
ACAENEEX			Acacia enervia subsp. explicata
ACAERE_B			Acacia eremophila
ACAERI_A			Acacia ericifolia
ACAERI_C			Acacia ericksoniae
ACAERI_B			Acacia erinacea
ACAEXT			Acacia extensa
ACAFLAOV			Acacia flavipila var. ovalis
ACAFRA			Acacia fragilis
ACAGLA_B	P3		Acacia glaucissima
ACAGLA_A			Acacia glaucoptera
ACAGON			Acacia gonophylla
ACAHEM			Acacia hemiteles
ACAHETHE			Acacia heteroneura var. heteroneura
ACAHETPR			Acacia heteroneura var. prolixa
ACAHUE			Acacia huegelii
ACAINC			Acacia incurva
ACAINS			Acacia insolita
ACAINT			Acacia intricata
ACAISONI	P3		Acacia isoneura subsp. nimia
ACALAN	P2		Acacia lanceolata
ACALARCR	P2		Acacia laricina var. crassifolia
ACALAS_A			Acacia lasiocalyx
ACALAS_B			Acacia lasiocarpa
ACALAT			Acacia latipes
ACALEPLE			Acacia leptospermoides subsp. leptospermoides
ACALINLI			Acacia lineolata subsp. lineolata
ACALON			Acacia longispinea
ACAMAC			Acacia mackeyana
ACAMAX			Acacia maxwellii
ACAMEI			Acacia meisneri
ACAMER			Acacia merrallii
ACAMIC			Acacia microbotrya
ACAMIMAN			Acacia mimica var. angusta
ACAMOIMO			Acacia moirii subsp. moirii
ACAMOIRE			Acacia moirii subsp. recurvistipula
ACAMUL			Acacia multispicata
ACAMUR			Acacia murrayana
ACAMYR			Acacia myrtifolia
ACANER			Acacia nervosa
ACANEU			Acacia neurophylla
ACANIG_B			Acacia nigripilosa
ACANYS			Acacia nyssophylla
ACAOCT			Acacia octonervia
ACAPAC_B			Acacia pachyphylla
ACAPAC_A			Acacia pachypoda
ACAPAR			Acacia paradoxa
ACAPHA_A	P3		Acacia phaeocalyx
ACAPHA_B	R		Acacia pharangites
ACAPINTE			Acacia pinguiculosa subsp. teretifolia
ACAPRE_B			Acacia preissiana

Species Code	CC	Family	Name
ACAPRI	P3		Acacia pritzeliana
ACAPRO			Acacia profusa
ACAPUL_A			Acacia pulchella
ACAPUL_B			Acacia pulviniformis
ACAPYC			Acacia pycnocephala
ACARAMRA			Acacia ramulosa var. ramulosa
ACARES_A			Acacia resinimarginea
ACARES_B			Acacia restiacea
ACARHO			Acacia rhodophloia
ACARIG			Acacia rigens
ACAROS_A			Acacia rossei
ACAROS_B			Acacia rostellifera
ACASAL			Acacia saligna
ACASCLSp			Acacia sclerophylla var. sclerophylla
ACASCLSs			Acacia sclerosperma subsp. sclerosperma
ACASER			Acacia sericocarpa
ACASES_A			Acacia sessilis
ACASES_B			Acacia sessilispica
ACASIB			Acacia sibina
ACASOR			Acacia sorophylla
ACASPA			Acacia spathulifolia
ACASPH			Acacia sphacelata
ACASPI			Acacia spinosissima
ACASQU			Acacia squamata
ACASTE			Acacia stenoptera
ACASTEST			Acacia stereophylla var. stereophylla
ACASUL			Acacia sulcata
ACATET			Acacia tetragonophylla
ACATRA			Acacia tratmaniana
ACATRI			Acacia trigonophylla
ACAULI			Acacia ulicina
ACAUNC			Acacia uncinella
ACAUNI			Acacia unifissilis
ACAURO			Acacia urophylla
ACAVARPA			Acacia varia var. parviflora
ACAVER			Acacia verricula
ACAWIL			Acacia willdenowiana
ACAYORAC			Acacia yorkrakinensis subsp. acrita
EREAFFCL		Myoporaceae	Eremophila aff. clarkeii
EREALT			Eremophila alternifolia
ERECLA			Eremophila clarkei
EREDEC			Eremophila decipiens
EREDES			Eremophila deserti
EREDRU			Eremophila drummondii
EREFOR			Eremophila forrestii
EREGLAEL			Eremophila glabra subsp. elegans
EREGRA			Eremophila granitica
EREION			Eremophila ionantha
ERELAT			Eremophila latrobei
ERELEH			Eremophila lehmanniana
EREOLD			Eremophila oldfieldii
EREOPP			Eremophila oppositifolia
EREPSI			Eremophila psilocalyx
ERESCO			Eremophila scoparia
ERESER_A	P4		Eremophila serpens
ERESER_B			Eremophila serrulata
MYOINS			Myoporum insulare
AGOOBT		Myrtaceae	Agonis obtusissima
AGOPAR			Agonis parviceps
AGOSPASP			Agonis spathulata var. spathulata
ALUAPP			Aluta appressa
ALUASPLO	P2		Aluta aspera subsp. localis
ASTAMB			Astartea ambigua
ASTHET			Astartea heteranthera
ASTSP._B			Astartea sp. 1 (Lepschi & Fuhrer 3706)
BAESPMO			Baeckae sp. Moora
BAEGRAFA			Baeckea aff grandiflora (GJK & NG 3009)
BAEGRAAF			Baeckea aff grandis (GJK & NG 3005)
BAEBLA_B			Baeckea blackallii
BAEBLA_A			Baeckea blackettii
BAECAM			Baeckea camphorosmae
BAECOR			Baeckea corynophylla
BAECRAIC	P1		Baeckea crassifolia var. icosandra
BAECRI			Baeckea crispiflora
BAECRIKU			Baeckea crispiflora subsp. Kulin (R.Hnatiuk 780026)
BAECRY_A			Baeckea cryptandroides
BAECRY_B			Baeckea cryptonoma
BAEELD			Baeckea elderiana
BAEGRA_A			Baeckea grandibracteata
BAEGRA_B			Baeckea grandiflora
BAEGRA_C			Baeckea grandis
BAELAT			Baeckea latens
BAEMAR			Baeckea margarethae
BAEMEG			Baeckea megaflora
BAEMUR			Baeckea muricata
BAEPOL			Baeckea polyandra
BAEPRE			Baeckea preissiana
BAEREC			Baeckea recurva
BAEROS			Baeckea rosea
BAESP._D	P3		Baeckea sp. Hyden (J.M.Brown 141)
BAESP._C			Baeckea sp. Mingenew (M.E.Trudgen 12029)
BAESP._A	P3		Baeckea sp. Walkaway (A.S.George 11249)

Species Code	CC	Family	Name
BAESP._B			Baeckea sp. Wubin (M.E.Trudgen 5404)
BAETEN			Baeckea tenuiramea
BALPUL			Balaustion pulcherrimum
BEABIC	P3		Beaufortia bicolor
BEABRA			Beaufortia bracteosa
BEADEC			Beaufortia decussata
BEAELE			Beaufortia elegans
BEAEMP			Beaufortia empetrifolia
BEAINC			Beaufortia incana
BEAINT			Beaufortia interstans
BEAMIC			Beaufortia micrantha
BEAORB			Beaufortia orbifolia
BEASCH			Beaufortia schaueri
CALPHO			Callistemon phoeniceus
CALAFFVI			Calothamnus aff. villosus Yule Brook
CALBLE			Calothamnus blepharospermus
CALBRE_B	P3		Calothamnus brevifolius
CALGIB			Calothamnus gibbosus
CALGIL			Calothamnus gilesii
CALGRA_B			Calothamnus gracilis
CALHIR_B			Calothamnus hirsutus
CALHOM			Calothamnus homalophyllus
CALHUE			Calothamnus huegelii
CALLEH_B			Calothamnus lehmannii
CALOLD			Calothamnus oldfieldii
CALPLA			Calothamnus planifolius
CALPRE			Calothamnus preissii
CALQUA			Calothamnus quadrifidus
CALSAN			Calothamnus sanguineus
CALAFFPL			Calytrix aff. plumosa (GJK & NG 5115)
CALANG			Calytrix angulata
CALAUR			Calytrix aurea
CALBRA			Calytrix brachyphylla
CALBRE_C			Calytrix brevifolia
CALBREST			Calytrix breviseta subsp. stipulosa
CALDEC			Calytrix decandra
CALDEP			Calytrix depressa
CALFLA_B			Calytrix flavescens
CALFRA_A			Calytrix fraseri
CALGRA_C			Calytrix gracilis
CALLES			Calytrix leschenaultii
CALPUR	P2		Calytrix purpurea
CALSAP			Calytrix sapphirina
CALSTR			Calytrix strigosa
CALTET			Calytrix tetragona
CALVAR			Calytrix variabilis
CALVIO			Calytrix violacea
CHACIL			Chamelaucium ciliatum
CHADRUDR			Chamelaucium drummondii subsp. drummondii
CHADRUHA			Chamelaucium drummondii subsp. hallii
CHAMEG			Chamelaucium megalopetalum
CHANAV			Chamelaucium naviculum
CHAPAUPA			Chamelaucium pauciflorum subsp. pauciflorum
CHAPAUTH			Chamelaucium pauciflorum subsp. thryptomenioides
CORFLA			Corynanthera flava
DARCIT			Darwinia citriodora
DARDRU			Darwinia drummondii
DARINC			Darwinia inconspicua
DARPUR			Darwinia purpurea
DARSPE			Darwinia speciosa
DARVES			Darwinia vestita
ENECLA			Enekbatus clavifolius
ENESES			Enekbatus sessilis
EREASTAS			Eremaea asterocarpa subsp. asterocarpa
EREASTHI			Eremaea asterocarpa subsp. histoclada
EREBEA			Eremaea beaufortioides
EREEBRBR			Eremaea ebracteata var. brachyphylla
EREEBREB			Eremaea ebracteata var. ebracteata
EREPAU			Eremaea pauciflora
EREVIOVI			Eremaea violacea var. violacea
EUCACC			Eucalyptus accedens
EUCALB			Eucalyptus albida
EUCALI			Eucalyptus alipes
EUCANN			Eucalyptus annulata
EUCARAAR			Eucalyptus arachnaea subsp. arachnaea
EUCARG			Eucalyptus argyphea
EUCASTAS			Eucalyptus astringens subsp. astringens
EUCASTRE			Eucalyptus astringens subsp. redacta
EUCBUR			Eucalyptus burracoppinensis
EUCCAL_A			Eucalyptus calophylla
EUCCAL_B			Eucalyptus calycogona
EUCCAMOB			Eucalyptus camaldulensis var. obtusa
EUCCAPCA			Eucalyptus capillosa subsp. capillosa
EUCCAPPO			Eucalyptus capillosa subsp. polyclada
EUCCAP			Eucalyptus captiosa
EUCCELVI			Eucalyptus celastroides subsp. virella
EUCCON			Eucalyptus conglobata
EUCCYL			Eucalyptus cylindrocarpa
EUCDEC			Eucalyptus decipiens
EUCDEN			Eucalyptus densa
EUCDEP	P3		Eucalyptus depauperata

Species Code	CC	Family	Name
EUCDIE			Eucalyptus dielsii
EUCDIS			Eucalyptus dissimulata
EUCDRU			Eucalyptus drummondii
EUCEBB			Eucalyptus ebbanoensis
EUCERE			Eucalyptus eremophila
EUCERYER			Eucalyptus erythronema var. erythronema
EUCERYMA			Eucalyptus erythronema var. marginata
EUCEUD			Eucalyptus eudesmioides
EUCEXT			Eucalyptus extensa
EUCFAL			Eucalyptus falcata
EUCFLO			Eucalyptus flocktoniae
EUCFOE			Eucalyptus foecunda
EUCFOR			Eucalyptus forrestiana
EUCGARGA			Eucalyptus gardneri subsp. gardneri
EUCGON			Eucalyptus goniantha
EUCGRA_A			Eucalyptus gracilis
EUCGRA_B			Eucalyptus gratiae
EUCGRO			Eucalyptus grossa
EUCHEB			Eucalyptus hebetifolia
EUCHYPEC			Eucalyptus hypochlamydea subsp. ecdysiastes
EUCHYPHY			Eucalyptus hypochlamydea subsp. hypochlamydea
EUCINC			Eucalyptus incrassata
EUCIND			Eucalyptus indurata
EUCJUC			Eucalyptus jucunda
EUCKES			Eucalyptus kessellii
EUCKOCHO			Eucalyptus kochii subsp. horistes
EUCKOCKO			Eucalyptus kochii subsp. kochii
EUCKOCPL			Eucalyptus kochii subsp. plenissima
EUCKON			Eucalyptus kondininensis
EUCLAT	P4		Eucalyptus latens
EUCLEH			Eucalyptus lehmannii
EUCLEP_A			Eucalyptus leptocalyx
EUCLEP_B			Eucalyptus leptopoda
EUCLON			Eucalyptus longicornis
EUCLOXLI			Eucalyptus loxophleba subsp. lissophloia
EUCLOXLO			Eucalyptus loxophleba subsp. loxophleba
EUCLXS			Eucalyptus loxophleba x sargentii
EUCMAC			Eucalyptus macrocarpa
EUCMAR			Eucalyptus marginata
EUCMEL_B	P4		Eucalyptus melanophitra
EUCMEL_A			Eucalyptus melanoxylon
EUCMIS	P3		Eucalyptus misella
EUCMYR			Eucalyptus myriadena
EUCNEU			Eucalyptus neutra
EUCOCC			Eucalyptus occidentalis
EUCOLD			Eucalyptus oldfieldii
EUCPAC			Eucalyptus pachyloma
EUCPAT			Eucalyptus patens
EUCPER			Eucalyptus perangusta
EUCPHAPH			Eucalyptus phaenophylla subsp. phaenophylla
EUCPHE			Eucalyptus phenax
EUCPIL			Eucalyptus pileata
EUCPLA_A			Eucalyptus platycorys
EUCPLA_B			Eucalyptus platypus
EUCPLE			Eucalyptus pleurocarpa
EUCPLUPL			Eucalyptus pluricaulis subsp. pluricaulis
EUCPOL			Eucalyptus polita
EUCPYR			Eucalyptus pyriformis
EUCQUA			Eucalyptus quadrans
EUCRIG_A			Eucalyptus rigidula
EUCRUD			Eucalyptus rudis
EUCSAL_C			Eucalyptus salicola
EUCSAL_A			Eucalyptus salmonophloia
EUCSAL_B			Eucalyptus salubris
EUCSAR			Eucalyptus sargentii
EUCSCY			Eucalyptus scyphocalyx
EUCSHE			Eucalyptus sheathiana
EUCSPA			Eucalyptus spathulata
EUCSPO			Eucalyptus sporadica
EUCSTO			Eucalyptus stowardii
EUCSUBCE			Eucalyptus subangusta subsp. cerina
EUCSUBSU			Eucalyptus subangusta subsp. subangusta
EUCSUGSU			Eucalyptus suggrandis subsp. suggrandis
EUCSYS			Eucalyptus systremma
EUCTEN			Eucalyptus tenera
EUCTEP			Eucalyptus tephroclada
EUCTET_A			Eucalyptus tetraptera
EUCTOD			Eucalyptus todtiana
EUCTRA			Eucalyptus transcontinentalis
EUCTUM			Eucalyptus tumida
EUCUNC			Eucalyptus uncinata
EUCURN			Eucalyptus urna
EUCVAL			Eucalyptus valens
EUCVAR			Eucalyptus varia
EUCVEG			Eucalyptus vegrandis
EUCWAN			Eucalyptus wandoo
EUCYIL			Eucalyptus yilgarnensis
EURLEP	P3		Euryomyrtus leptospermoides
EURMAI			Euryomyrtus maidenii
HOMINE	P2		Homalocalyx inerrabundus
HYPANG			Hypocalymma angustifolium
HYPLIN			Hypocalymma linifolium

Species Code	CC	Family	Name
HYPSTR			Hypocalymma strictum
KUNERI_A			Kunzea ericifolia
KUNERI_B			Kunzea eriocalyx
KUNJUC			Kunzea jucunda
KUNMIC_A			Kunzea micrantha
KUNMIC_B			Kunzea micromera
KUNREC			Kunzea recurva
LEPAFFSP			Leptospermum aff. spinescens
LEPERU			Leptospermum erubescens
LEPFAS			Leptospermum fastigiatum
LEPINE			Leptospermum inelegans
LEPMAX			Leptospermum maxwellii
LEPNIT			Leptospermum nitens
LEPOLI			Leptospermum oligandrum
LEPROE			Leptospermum roei
LEPSPI			Leptospermum spinescens
MALHUR			Malleostemon hursthousei
MALROS			Malleostemon roseus
MALTUB			Malleostemon tuberculatus
MELACUAC			Melaleuca acuminata subsp. acuminata
MELACUWE			Melaleuca acuminata subsp. websteri
MELADE			Melaleuca adenostyla
MELADN			Melaleuca adnata
MELLEPAF			Melaleuca aff. leptospermoides
MELAFFSE			Melaleuca aff. seriata
MELAFFSP			Melaleuca aff. spathulata esperance form
MELAFFST			Melaleuca aff. sterophloia (GJK & NG 3844)
MELAFFUN			Melaleuca aff. uncinata (GJK & NG 2941)
MELAFFVI			Melaleuca aff. villosisepala
MELAGA	P1		Melaleuca agathosmoides
MELAMY			Melaleuca amydra
MELAPO			Melaleuca apodocephala
MELASP			Melaleuca aspalathoides
MELBRA			Melaleuca bracteosa
MELBRO_A			Melaleuca bromelioides
MELBRO_B			Melaleuca brophyi
MELCAL_B			Melaleuca calyptroides
MELCAR			Melaleuca carrii
MELCFAMY			Melaleuca cf. amydra (GJK & NG 3846)
MELCFJOH			Melaleuca cf. johnsonii (GJK & NG 2897)
MELACFS			Melaleuca cf. scabra
MELACFU			Melaleuca cf. uncinata
MELCIL			Melaleuca ciliosa
MELCLI			Melaleuca cliffortioides
MELCON_B			Melaleuca condylosa
MELCON_A			Melaleuca conothamnoides

Species Code	CC	Family	Name
MELCONX			Melaleuca conothamnoides x nematophylla
MELCOR_A			Melaleuca cordata
MELCOR_B			Melaleuca coronicarpa
MELCTE			Melaleuca ctenoides
MELCUC			Melaleuca cucullata
MELCUT			Melaleuca cuticularis
MELDEN			Melaleuca densa
MELDEP_A			Melaleuca depauperata
MELDEP_B			Melaleuca depressa
MELELE			Melaleuca eleuterostachya
MELELL			Melaleuca elliptica
MELFAB			Melaleuca fabri
MELFIL	P2		Melaleuca filifolia
MELFIS	P4		Melaleuca fissurata
MELFULFU			Melaleuca fulgens subsp. fulgens
MELFULST			Melaleuca fulgens subsp. steedmanii
MELGLA			Melaleuca glaberrima
MELHAM_B			Melaleuca hamata
MELHAP			Melaleuca haplantha
MELHOL			Melaleuca holosericea
MELINCIN			Melaleuca incana subsp. incana
MELJOH			Melaleuca johnsonii
MELLAN			Melaleuca lanceolata
MELLAT_A			Melaleuca lateriflora
MELLAX			Melaleuca laxiflora
MELLEP			Melaleuca leptospermoides
MELLONLO			Melaleuca longistaminea subsp. longistaminea
MELMEG			Melaleuca megacephala
MELNEM			Melaleuca nematophylla
MELPAUFA			Melaleuca pauperiflora subsp. fastigiata
MELPAUPA			Melaleuca pauperiflora subsp. pauperiflora
MELPEN			Melaleuca pentagona
MELPENPE			Melaleuca pentagona var. pentagona
MELPLA			Melaleuca platycalyx
MELPLU			Melaleuca plumea
MELPOL	P3		Melaleuca polycephala
MELPRE			Melaleuca preissiana
MELPRO			Melaleuca procera
MELPSA			Melaleuca psammophila
MELPUL			Melaleuca pulchella
MELPUN			Melaleuca pungens
MELQUA			Melaleuca quadrifaria
MELRAD			Melaleuca radula
MELRHA			Melaleuca rhaphiophylla
MELRIG			Melaleuca rigidifolia
MELRYE			Melaleuca ryeae

Species Code	CC	Family	Name
MELSAP			Melaleuca sapientes
MELSCA			Melaleuca scabra
MELSCU	P1		Melaleuca sculponeata
MELSER			Melaleuca seriata
MELSOC			Melaleuca societatis
MELSP._A			Melaleuca sp. minirichi bark Frank Hann NP
MELSPFL			Melaleuca sp. nov (flat leaf) [uncinata group] (GJK & NG 2924)
MELSPWC			Melaleuca sp. nov (West Coast) (GJK & NG 2939)
MELSPWH			Melaleuca sp. Wongan Hills (uncinata group) (GJK & NG 2936)
MELSP._D			Melaleuca sp. Dongolocking (G.J.Keighery & N.Gibson 2896)
MELSPA_A			Melaleuca sparsiflora
MELSPA_B			Melaleuca spathulata
MELSPI			Melaleuca spicigera
MELSTE			Melaleuca stereophloia
MELSTR_A			Melaleuca striata
MELSTR_B			Melaleuca strobophylla
MELSUB_A			Melaleuca subfalcata
MELSUB_B			Melaleuca subtrigona
MELSYS			Melaleuca systena
MELTEU			Melaleuca teuthidoides
MELTHY_A			Melaleuca thymoides
MELTHY_B			Melaleuca thyoides
MELTOR			Melaleuca torquata
MELTRI			Melaleuca trichophylla
MELTUB			Melaleuca tuberculata var. tuberculata
MELTUBAR			Melaleuca tuberculata var. arenaria
MELTUBMA			Melaleuca tuberculata var. macrophylla
MELUNC			Melaleuca uncinata
MELUNCGP			Melaleuca uncinata group
MELUND			Melaleuca undulata
MELVIL			Melaleuca villosisepala
MELVIM			Melaleuca viminea
MELVIR			Melaleuca virgata
MELWON			Melaleuca wonganensis
MICELO			Micromyrtus elobata
MICIMB			Micromyrtus imbricata
MICOBO_A			Micromyrtus obovata
MICRAC			Micromyrtus racemosa
PERELL_B			Pericalymma ellipticum
PHYMAX			Phymatocarpus maxwellii
PHYPOR			Phymatocarpus porphyrocephalus
PILFIL			Pileanthus filifolius
PILPED			Pileanthus peduncularis
REGINO			Regelia inops
RINCAR			Rinzia carnosa

Species Code	CC	Family	Name
RINCOM			Rinzia communis
RINCRA			Rinzia crassifolia
RINDIM			Rinzia dimorphandra
RINFUM			Rinzia fumana
SCHTERCL			Scholtzia aff teretifolia (GJK & NG 3011)
SCHAFFGR			Scholtzia aff. grandiflora
SCHCIL			Scholtzia ciliata
SCHDRU			Scholtzia drummondii
SCHINV			Scholtzia involucrata
SCHLEP			Scholtzia leptantha
SCHSP._C	P3		Scholtzia sp. Ajana (T.A.Halliday 137)
SCHSP._G			Scholtzia sp. Eneabba (S.Maley 8)
SCHSP._B	P2		Scholtzia sp. Eradu (R.D.Royce 8016)
SCHSPA			Scholtzia spatulata
SCHUMB			Scholtzia umbellifera
THRAUS			Thryptomene australis
THRBAE			Thryptomene baeckeacea
THRCUS			Thryptomene cuspidata
THRHYP			Thryptomene hyporhytis
THRKOC			Thryptomene kochii
THRMUC			Thryptomene mucronulata
THRRAC			Thryptomene racemulosa
THRSP.			Thryptomene sp. Moresby Range (A.S.George 14873)
VERACEPR			Verticordia acerosa var. preissii
VERBRA			Verticordia brachypoda
VERBRO			Verticordia brownii
VERCHR_A			Verticordia chrysantha
VERCHR_B			Verticordia chrysanthella
VERDAS			Verticordia dasystylis
VERDEN			Verticordia densiflora
VEREND			Verticordia endlicheriana
VERERI			Verticordia eriocephala
VERGRA_A			Verticordia grandiflora
VERGRA_B			Verticordia grandis
VERHAB			Verticordia habrantha
VERHUEST			Verticordia huegelii var. stylosa
VERHUETR	P1		Verticordia huegelii var. tridens
VERHUM			Verticordia humilis
VERINC			Verticordia inclusa
VERINS			Verticordia insignis
VERINT	P4		Verticordia integra
VERLAC			Verticordia laciniata
VERNIT			Verticordia nitens
VERNOB			Verticordia nobilis
VEROCU			Verticordia oculata
VERPEN			Verticordia pennigera

Species Code	CC	Family	Name
VERPIC			Verticordia picta
VERPLU			Verticordia plumosa
VERROE			Verticordia roei
VERSER			Verticordia serrata
VERSUB			Verticordia subulata
VERTUM			Verticordia tumida
COMAUS		Nyctaginaceae	Commicarpus australis
OLABEN		Olacaceae	Olax benthamiana
EPIBIL		Onagraceae	Epilobium billardiereanum
OPHGRA		Ophioglossaceae	Ophioglossum gramineum
OPHLUS			Ophioglossum lusitanicum
CALBAR		Orchidaceae	Caladenia barbarossa
CALBRE_D			Caladenia brevisura
CALCAEX			Caladenia caesaria x pendans hybrid
CALCAI			Caladenia cairnsiana
CALCHA			Caladenia chapmanii
CALDIM			Caladenia dimidia
CALDIS_A			Caladenia discoidea
CALDOU			Caladenia doutchiae
CALDRU_B			Caladenia drummondii
CALERY	P2		Caladenia erythrochila
CALEXIEX			Caladenia exilis subsp. exilis
CALFAL			Caladenia falcata
CALFIL			Caladenia filifera
CALFLA_A			Caladenia flava
CALHIE			Caladenia hiemalis
CALHIR_A			Caladenia hirta
CALHOF			Caladenia hoffmanii
CALINC			Caladenia incensa
CALINT	P4		Caladenia integra
CALLAT			Caladenia latifolia
CALLON			Caladenia longiclavata
CALMAC			Caladenia macrostylis
CALMAR			Caladenia marginata
CALMES			Caladenia mesocera
CALMIC			Caladenia microchila
CALMUL_A			Caladenia multiclavia
CALNOB			Caladenia nobilis
CALPAC			Caladenia pachychila
CALPAR			Caladenia paradoxa
CALPEC			Caladenia pectinata
CALPENPE			Caladenia pendens subsp. pendens
CALPOL_B			Caladenia polychroma
CALPUL			Caladenia pulchra
CALRAD_A			Caladenia radialis
CALREP			Caladenia reptans

Species Code	CC	Family	Name
CALROE_B			Caladenia roei
CALSAC			Caladenia saccharata
CALSIG			Caladenia sigmoidea
CALSPL			Caladenia splendens
CALVUL			Caladenia vulgata
CALVULX			Caladenia vulgata hybrid
CALAFFRO			Calochilus aff. robertsonii (GJK & NG 4139)
CYAAMP			Cyanicula amplexans
CYACAEAP			Cyanicula caerulea subsp. apertala
CYADEF			Cyanicula deformis
CYAGEM			Cyanicula gemmata
CYASER			Cyanicula sericea
CYRHUE			Cyrtostylis huegelii
CYRROB			Cyrtostylis robusta
DISBRA			* Disa bracteata
DIUAFFCO			Diuris aff. corymbosa (GJK & NG 6950)
DIUCOR			Diuris corymbosa
DIULAX			Diuris laxiflora
DIULON			Diuris longifolia
DIUPOR			Diuris porrifolia
DIUREC	P4		Diuris recurva
DIUSET			Diuris setacea
DIUSPN18			Diuris sp. (GJK & NG 6943)
ELYBRU			Elythranthera brunonis
ELYEMA			Elythranthera emarginata
ERIDIL			Eriochilus dilatatus
ERIHEL			Eriochilus helonomos
GENNIG			Genoplesium nigricans
LEPFIM			Leporella fimbriata
LEPMEN			Leptoceras menziesii
LYPSER			Lyperanthus serratus
MICMED			Microtis media
OLIINS			Oligochaetochilus insectiferus
OLIMAC	P1		Oligochaetochilus macrocalymma
OLIMUT			Oligochaetochilus muticus
OLIPIC			Oligochaetochilus pictus
OLIROE			Oligochaetochilus roensis
OLISAN			Oligochaetochilus sanguineus
OLISAR			Oligochaetochilus sargentii
OLISPA			Oligochaetochilus spathulatus
OLIVIT			Oligochaetochilus vittatus
PARNIG			Paracaleana nigrita
PLUBAR			Plumatichilos barbatus
PRAELA			Prasophyllum elatum
PRAFIM			Prasophyllum fimbria
PRAGRA			Prasophyllum gracile

Species Code	CC	Family		Name
PRAMAC				Prasophyllum macrostachyum
PRAOVA				Prasophyllum ovale
PRAPAR				Prasophyllum parvifolium
PTE_NA				Pterostylis aff nana
PTEAFFMU				Pterostylis aff. mutica (GJK & NG 5743)
PTEAFNAD				Pterostylis aff. nana (GJK & NG 4426)
PTEAFFPI				Pterostylis aff. picta (GJK & NG3727)
PTEAFFSP				Pterostylis aff. spathulata (NG 4292)
PTEBRE				Pterostylis brevisepala
PTEDIL				Pterostylis dilatata
PTEHAM				Pterostylis hamiltonii
PTEREC				Pterostylis recurva
PTESP._C				Pterostylis sp. inland (A.C.Beauglehole 11880)
PTESP._A				Pterostylis sp. Slender Snail Orchid (G.J.Keighery 14516)
PTESP._B				Pterostylis sp. small stature (W.Jackson BJ303)
PYRNIG				Pyrorchis nigricans
SPICIL				Spiculaea ciliata
THEAFFHO				Thelymitra aff. holmesii
THEAFFMA				Thelymitra aff. macrophyllum (GJK & NG 6942)
THEAFFPA				Thelymitra aff. pauciflora (GJK & NG 6940)
THEANT				Thelymitra antennifera
THEBEN				Thelymitra benthamiana
THECAN				Thelymitra canaliculata
THE_MA				Thelymitra cf. macrophyllum
THECRI				Thelymitra crinita
THEFLE				Thelymitra flexuosa
THEMAC				Thelymitra macrophylla
THESTE	R			Thelymitra stellata
OROMIN		Orobanchaceae	*	Orobanche minor
OXACOR		Oxalidaceae	*	Oxalis corniculata
OXAPER				Oxalis perennans
OXAPES			*	Oxalis pes-caprae
OXAPUR			*	Oxalis purpurea
AOTGEN		Papilionaceae		Aotus genistoides
AOTPRO				Aotus procumbens
BOSERI				Bossiaea eriocarpa
BOSHAL				Bossiaea halophila
BOSLIN				Bossiaea linophylla
BOSORN				Bossiaea ornata
BOSPRE				Bossiaea preissii
BOSRUF				Bossiaea rufa
BOSSP.				Bossiaea sp. Waroona (B.J.Keighery & N.Gibson 229)
BOSSPI_A				Bossiaea spinescens
BOSSPI_B				Bossiaea spinosa
BRACEL				Brachysema celsianum
BRAPRA				Brachysema praemorsum

Species Code	CC	Family	Name
CHOACI			Chorizema aciculare
CHODIC			Chorizema dicksonii
CHOGEN			Chorizema genistoides
CHOGLY			Chorizema glycinifolium
CHOOBT			Chorizema obtusifolium
CHORAC			Chorizema racemosum
CHORET	P3		Chorizema reticulatum
CHOSP.			Chorizema sp. Metro Road (F.Hort
CHOUNC			Chorizema uncinatum
CRIBIL			Cristonia biloba
DAVABN			Daviesia abnormis
DAVARG			Daviesia argillacea
DAVART			Daviesia articulata
DAVAUD			Daviesia audax
DAVBEN			Daviesia benthamii
DAVCAR			Daviesia cardiophylla
DAVCOR			Daviesia cordata
DAVCOS			Daviesia costata
DAVDAP			Daviesia daphnoides
DAVDEC			Daviesia decurrens
DAVDIVLA			Daviesia divaricata subsp. lanulosa
DAVGRA			Daviesia gracilis
DAVHAK			Daviesia hakeoides
DAVHOR			Daviesia horrida
DAVINC			Daviesia incrassata
DAVINF			Daviesia inflata
DAVINT			Daviesia intricata
DAVLAN			Daviesia lancifolia
DAVLON			Daviesia longifolia
DAVMAJ			Daviesia major
DAVMIC			Daviesia microphylla
DAVMOL			Daviesia mollis
DAVNEM			Daviesia nematophylla
DAVNEW	P2		Daviesia newbeyi
DAVNUD			Daviesia nudiflora
DAVOXY	P4		Daviesia oxylobium
DAVPAC_A			Daviesia pachyloma
DAVPAC_B			Daviesia pachyphylla
DAVPED			Daviesia pedunculata
DAVPOD			Daviesia podophylla
DAVPRE			Daviesia preissii
DAVRHO			Daviesia rhombifolia
DAVSCO			Daviesia scoparia
DAVTER			Daviesia teretifolia
DAVTOR	P3		Daviesia tortuosa
DAVTRI			Daviesia triflora

Species Code	CC	Family	Name
DAVUNI			Daviesia uniflora
DILACE	P1		Dillwynia acerosa
DILSP.			Dillwynia sp.A Perth Flora (R.Coveny 8036)
DILUNC			Dillwynia uncinata
EUCLIN			Euchilopsis linearis
EUTMIC			Eutaxia microphylla
EUTASP			Eutaxia sp. (WE Blackwell 3276)
GASBIL			Gastrolobium bilobum
GASCAL			Gastrolobium calycinum
GASCRA			Gastrolobium crassifolium
GASDEN	P4		Gastrolobium densifolium
GASFLO			Gastrolobium floribundum
GASHET			Gastrolobium heterophyllum
GASMIC			Gastrolobium microcarpum
GASNUT			Gastrolobium nutans
GASOXY			Gastrolobium oxylobioides
GASPAR_B			Gastrolobium parviflorum
GASPAR_A			Gastrolobium parvifolium
GASRIG	P2		Gastrolobium rigidum
GASSPI			Gastrolobium spinosum
GASTET			Gastrolobium tetragonophyllum
GASTRI_B			Gastrolobium triangulare
GASTRI_A			Gastrolobium trilobum
GASVEL			Gastrolobium velutinum
GASVIL			Gastrolobium villosum
GOMBAX			Gompholobium baxteri
GOMBUR			Gompholobium burtonioides
GOMCAP			Gompholobium capitatum
GOMCON			Gompholobium confertum
GOMGLU			Gompholobium glutinosum
GOMHEN			Gompholobium hendersonii
GOMKNI			Gompholobium knightianum
GOMMAR			Gompholobium marginatum
GOMOBC			Gompholobium obcordatum
GOMOVA			Gompholobium ovatum
GOMPOL			Gompholobium polymorphum
GOMPRE			Gompholobium preissii
GOMSCA			Gompholobium scabrum
GOMTOM			Gompholobium tomentosum
GOMVIS			Gompholobium viscidulum
HOVCHO			Hovea chorizemifolia
HOVELL			Hovea elliptica
HOVTRI			Hovea trisperma
ISOCUN			Isotropis cuneifolia
ISOJUN			Isotropis juncea
JACCAP			Jacksonia capitata
JACKCFDE			Jacksonia cf. densiflora
JACCON			Jacksonia condensata
JACEPI			Jacksonia epiphyllum
JACFLO			Jacksonia floribunda
JACFUR			Jacksonia furcellata
JACGRE			Jacksonia grevilleoides
JACHAK			Jacksonia hakeoides
JACHUM			Jacksonia humilis
JACLEH			Jacksonia lehmannii
JACNEM			Jacksonia nematoclada
JACNUT			Jacksonia nutans
JACRAC			Jacksonia racemosa
JACRES			Jacksonia restioides
JACRIG			Jacksonia rigida
JACRUB	P2		Jacksonia rubra
JACSPI			Jacksonia spinosa
JACSTE			Jacksonia sternbergiana
KENCOC			Kennedia coccinea
KENEXI			Kennedia eximia
KENPRO			Kennedia prostrata
LEPAPH_B			Leptosema aphyllum
LUPANG		*	Lupinus angustifolius
LUPCOS		*	Lupinus cosentinii
MEDMIN		*	Medicago minima
MEDPOL		*	Medicago polymorpha
MEDTRU		*	Medicago truncatula
MIRDEP			Mirbelia depressa
MIRFLO			Mirbelia floribunda
MIRMIC			Mirbelia microphylla
MIRRAM			Mirbelia ramulosa
MIRSPI			Mirbelia spinosa
MIRTRI			Mirbelia trichocalyx
NEMCAP			Nemcia capitata
NEMCAR			Nemcia carinata
NEMHOO			Nemcia hookeri
NEMILI			Nemcia ilicifolia
NEMOBO			Nemcia obovata
NEMPAU			Nemcia pauciflora
NEMPLI			Nemcia plicata
NEMPUN			Nemcia punctata
NEMRET			Nemcia reticulata
NEMSPA			Nemcia spathulata
NEMTRI			Nemcia tricuspidata
PULAFFAD			Pultenaea aff. adunca
PUL_ver			Pultenaea aff. verruculosa (GJK & NG 4095)
PUL_ves			Pultenaea aff. vestita

Species Code	CC	Family		Name
PULCON				Pultenaea conferta
PULELA				Pultenaea elachista
PULEMP				Pultenaea empetrifolia
PULERI				Pultenaea ericifolia
PULNEU				Pultenaea neurocalyx
PULOBC				Pultenaea obcordata
PULPAU	R			Pultenaea pauciflora
PULRET				Pultenaea reticulata
PULSPI				Pultenaea spinulosa
PULVER				Pultenaea verruculosa
PULVES				Pultenaea vestita
SPHMED				Sphaerolobium medium
TEMACU				Templetonia aculeata
TEMDRU	P4			Templetonia drummondii
TEMEGE				Templetonia egena
TEMRET				Templetonia retusa
TEMSUL				Templetonia sulcata
TRIANG			*	Trifolium angustifolium
TRIARVAR			*	Trifolium arvense var. arvense
TRICAM			*	Trifolium campestre
TRICER			*	Trifolium cernuum
TRIDUB			*	Trifolium dubium
TRIGLO			*	Trifolium glomeratum
TRIHIR			*	Trifolium hirtum
TRISUB			*	Trifolium subterraneum
TRITOMTO			*	Trifolium tomentosum var. tomentosum
UROCAP	P3			Urodon capitatus
URODAS				Urodon dasyphyllus
VIMJUN				Viminaria juncea
PHIDRU		Philydraceae		Philydrella drummondii
PHIPYG				Philydrella pygmaea
DIABRE		Phormiaceae		Dianella brevicaulis
DIAREV				Dianella revoluta
STYGLA				Stypandra glauca
BILCOR		Pittosporaceae		Billardiera coriacea
BILLAX				Billardiera laxiflora
BILLEH				Billardiera lehmanniana
BILSER				Billardiera sericea
BILVAR				Billardiera variifolia
BUROCC				Bursaria occidentalis
MARBIC				Marianthus bicolor
PITANG				Pittosporum angustifolium
PROFRA				Pronaya fraseri
SOLHET				Sollya heterophylla
PLAAFFHI		Plantaginaceae		Plantago aff. hispidula (NG & ML 1732)
PLACOR			*	Plantago coronopus
PLADEB				Plantago debilis
PLAHIS				Plantago hispida
PLATUR				Plantago turrifera
AGRAVE		Poaceae		Agrostis avenacea
AGRPRE				Agrostis preissii
AIRCAR			*	Aira caryophyllea
AIRPRA			*	Aira praecox
AMPNER				Amphibromus nervosus
AMPAMP				Amphipogon amphipogonoides
AMPAVE				Amphipogon avenaceus
AMPHCS				Amphipogon caricinus - strictus complex
AMPDEB				Amphipogon debilis
AMPLAG				Amphipogon laguroides
AMPTUR				Amphipogon turbinatus
ARICON				Aristida contorta
ARIHOL				Aristida holathera
AUSOCC				Austrodanthonia occidentalis
AUSPIL				Austrodanthonia pilosa
AUSSETGP				Austrodanthonia setacea group
AUSSPGO				Austrodanthonia sp. Goomalling (Gunness et al. OAKP 10/63)
AUSACR				Austrostipa acrociliata
AUSAFFER				Austrostipa aff. eremophila (GJK & NG 4502)
AUSCAM				Austrostipa campylachne
AUSCOM				Austrostipa compressa
AUSDRU				Austrostipa drummondii
AUSELE				Austrostipa elegantissima
AUSERE				Austrostipa eremophila
AUSFLA				Austrostipa flavescens
AUSHEM				Austrostipa hemipogon
AUSJUN				Austrostipa juncifolia
AUSMAC				Austrostipa macalpinei
AUSMOL				Austrostipa mollis
AUSNIT				Austrostipa nitida
AUSPLU				Austrostipa plumigera
AUSPUB				Austrostipa puberula
AUSPYC				Austrostipa pycnostachya
AUSSCASC				Austrostipa scabra subsp. scabra
AUSSEM				Austrostipa semibarbata
AUSTEN				Austrostipa tenuifolia
AUSTRI				Austrostipa trichophylla
AUSVAR				Austrostipa variabilis
AVEMIC			*	Avellinia michelii
AVEBAR			*	Avena barbata
AVEFAT			*	Avena fatua
AVESAT			*	Avena sativa
BRADIS			*	Brachypodium distachyon

Species Code	CC	Family		Name
BRIMAX			*	Briza maxima
BRIMIN			*	Briza minor
BROARE				Bromus arenarius
BRODIA			*	Bromus diandrus
BROHOR			*	Bromus hordeaceus
BROMAD			*	Bromus madritensis
BRORUB			*	Bromus rubens
DEYQUA				Deyeuxia quadriseta
DICCRI				Dichelachne crinita
EHRBRE			*	Ehrharta brevifolia
EHRCAL			*	Ehrharta calycina
EHRLON			*	Ehrharta longiflora
ELYSCA				Elymus scaber
ERADIE				Eragrostis dielsii
ERIOVA				Eriachne ovata
HOLSET			*	Holcus setiger
HORGEN			*	Hordeum geniculatum
HORGLA			*	Hordeum glaucum
HORLEP			*	Hordeum leporinum
HORMAR			*	Hordeum marinum
LAGOVA			*	Lagurus ovatus
LAMAUR			*	Lamarckia aurea
LOLISP			*	Lolium rigidum
MICSTI				Microlaena stipoides
MONPAR				Monachather paradoxus
NEUALO				Neurachne alopecuroidea
PARINC			*	Parapholis incurva
PENAIR			*	Pentaschistis airoides
PHAMIN			*	Phalaris minor
PLECSPDR				Plectrachne sp.
POAPORAF				Poa aff porphyroclados (GJK & NG 4504)
POAANN			*	Poa annua
POADRU				Poa drummondiana
POAPOR				Poa porphyroclados
POLMON			*	Polypogon monspeliensis
ROSCRI			*	Rostraria cristata
ROSPUM			*	Rostraria pumila
SCHBAR			*	Schismus barbatus
SPASCI				Spartochloa scirpoidea
TETLAE				Tetrarrhena laevis
THETRI				Themeda triandra
TRIDAN				Triodia danthonioides
TRILON_B				Triodia longipalea
TRILOL				Tripogon loliiformis
TRIAES			*	Triticum aestivum
VULPSP			*	Vulpia myuros

Species Code	CC	Family		Name
COMCAL		Polygalaceae		Comesperma calymega
COMCIL				Comesperma ciliatum
COMDRU				Comesperma drummondii
COMFLA				Comesperma flavum
COMINT				Comesperma integerrimum
COMPOL				Comesperma polygaloides
COMSCO				Comesperma scoparium
COMSPI				Comesperma spinosum
COMVIR				Comesperma virgatum
COMVOL				Comesperma volubile
ACEVUL		Polygonaceae	*	Acetosella vulgaris
EMEAUS			*	Emex australis
MUEADP				Muehlenbeckia adpressa
RUMPUL			*	Rumex pulcher
RUMPULPU			*	Rumex pulcher subsp. pulcher
CALAFFPT		Portulacaceae		Calandrinia aff. ptychosperma
CALBRE_A				Calandrinia brevipedata
CALCAL				Calandrinia calyptrata
CALCOR				Calandrinia corrigioloides
CALERE				Calandrinia eremaea
CALGRA_A				Calandrinia granulifera
CALPOL_A				Calandrinia polyandra
CALPOR	P3			Calandrinia porifera
CALPTY				Calandrinia ptychosperma
CALPUM				Calandrinia pumila
CALAML06				Calandrinia sp.
CALSP_C				Calandrinia sp. Bungalbin (G.J.Keighery & N.Gibson 1656)
RUPPOL		Potamogetonaceae		Ruppia polycarpa
ANAARV		Primulaceae	*	Anagallis arvensis
ASTLIN			*	Asterolinon linum-stellatum
SAMJUN				Samolus junceus
ADEARG		Proteaceae		Adenanthos argyreus
ADEBAR				Adenanthos barbiger
ADECUN				Adenanthos cuneatus
ADECYG				Adenanthos cygnorum
ADEFLA				Adenanthos flavidiflorus
ADEGLAGL				Adenanthos glabrescens subsp. glabrescens
ADEMEI				Adenanthos meisneri
ADEOBO				Adenanthos obovatus
BANATT				Banksia attenuata
BANBAU				Banksia baueri
BANBLE				Banksia blechnifolia
BANCAL				Banksia caleyi
BANCAN				Banksia candolleana
BANCHA	P4			Banksia chamaephyton
BANELD				Banksia elderiana

Species Code	CC	Family	Name
BANGAR			Banksia gardneri
BANGRA			Banksia grandis
BANILI			Banksia ilicifolia
BANINC			Banksia incana
BANLAELA	P4		Banksia laevigata subsp. laevigata
BANLAN			Banksia lanata
BANLEP			Banksia leptophylla
BANLIT			Banksia littoralis
BANMED			Banksia media
BANMEIME			Banksia meisneri subsp. meisneri
BANMEN			Banksia menziesii
BANNUT			Banksia nutans
BANPET			Banksia petiolaris
BANPIL			Banksia pilostylis
BANPRI			Banksia prionotes
BANPUL			Banksia pulchella
BANREP			Banksia repens
BANSCA	P4		Banksia scabrella
BANSCE			Banksia sceptrum
BANSPE			Banksia speciosa
BANSPH			Banksia sphaerocarpa
BANVIC			Banksia victoriae
BANVIO			Banksia violacea
CONBORBO			Conospermum boreale subsp. boreale
CONBRO			Conospermum brownii
CONCAE			Conospermum caeruleum
CONCAP			Conospermum capitatum
CONFLO			Conospermum floribundum
CONMIC			Conospermum microflorum
CONPOL			Conospermum polycephalum
CONSCA	P3		Conospermum scaposum
CONSTO			Conospermum stoechadis
CONTRI			Conospermum triplinervium
DRYARM			Dryandra armata
DRYBIP			Dryandra bipinnatifida
DRYCAL	P3		Dryandra calophylla
DRYCAR			Dryandra carlinoides
DRYCAT	P2		Dryandra catoglypta
DRYCIR			Dryandra cirsioides
DRYCON			Dryandra conferta
DRYCUN			Dryandra cuneata
DRYCYN	P4		Dryandra cynaroides
DRYCYP	P2		Dryandra cypholoba
DRYDRU			Dryandra drummondii
DRYERY			Dryandra erythrocephala
DRYFER			Dryandra ferruginea

Species Code	CC	Family	Name
DRYFOL	P2		Dryandra foliosissima
DRYFRA			Dryandra fraseri
DRYGLA			Dryandra glauca
DRYHOR	P3		Dryandra horrida
DRYLIN			Dryandra lindleyana
DRYNIVNI			Dryandra nivea subsp. nivea
DRYNOBNO			Dryandra nobilis subsp. nobilis
DRYOBT			Dryandra obtusa
DRYOCT			Dryandra octotriginta
DRYPAL			Dryandra pallida
DRYPLA	P4		Dryandra platycarpa
DRYPRA			Dryandra praemorsa
DRYPRO			Dryandra proteoides
DRYPTE			Dryandra pteridifolia
DRYPUL	P4		Dryandra pulchella
DRYPUR			Dryandra purdieana
DRYQUE			Dryandra quercifolia
DRYRUF	P2		Dryandra rufistylis
DRYSEN	P3		Dryandra seneciifolia
DRYSER	P4		Dryandra serra
DRYSES			Dryandra sessilis
DRYSHU			Dryandra shuttleworthiana
DRYASPM			Dryandra sp. Merriden (GJK & NG 5101)
DRYSPEMA	P3		Dryandra speciosa subsp. macrocarpa
DRYSPESP	P2		Dryandra speciosa subsp. speciosa
DRYSQUSQ			Dryandra squarrosa subsp. squarrosa
DRYSUB	P3		Dryandra subulata
DRYTENRE			Dryandra tenuifolia var. reptans
DRYTENTE			Dryandra tenuifolia var. tenuifolia
DRYVES			Dryandra vestita
DRYWON	P4		Dryandra wonganensis
DRYXYL	P3		Dryandra xylothemelia
FRAFUC			Franklandia fucifolia
GREACA			Grevillea acacioides
GREACU			Grevillea acuaria
GREANE	P4		Grevillea aneura
GREARG			Grevillea argyrophylla
GREBIF			Grevillea biformis
GREBIP			Grevillea bipinnatifida
GREBIT			Grevillea biternata
GRECAG			Grevillea cagiana
GREDEP			Grevillea depauperata
GREDID			Grevillea didymobotrya
GREDIS			Grevillea disjuncta
GREDOL			Grevillea dolichopoda
GREERI			Grevillea eriostachya

Species Code	CC	Family	Name
GREEXC			Grevillea excelsior
GREHAK			Grevillea hakeoides
GREHOO			Grevillea hookeriana
GREHUE			Grevillea huegelii
GREINS			Grevillea insignis
GREINT			Grevillea integrifolia
GRELEP			Grevillea leptobotrys
GREMANMA			Grevillea manglesii subsp. manglesii
GREMON			Grevillea monticola
GREOBLOB			Grevillea obliquistigma subsp. obliquistigma
GREOLI			Grevillea oligantha
GREPAN			Grevillea paniculata
GREPAR			Grevillea paradoxa
GREPAU			Grevillea pauciflora
GREPEC			Grevillea pectinata
GREPET			Grevillea petrophiloides
GREPIL			Grevillea pilulifera
GREPIN_B			Grevillea pinaster
GREPIN_A	P1		Grevillea pinifolia
GREPIT			Grevillea pityophylla
GREPLUSU	P2		Grevillea plurijuga subsp. superba
GREQUE			Grevillea quercifolia
GREROY	P3		Grevillea roycei
GRESAR			Grevillea sarissa
GRESHU			Grevillea shuttleworthiana
GRESYN			Grevillea synapheae
GRETEN_A			Grevillea tenuiflora
GRETEN_B	P3		Grevillea tenuiloba
GRETER			Grevillea teretifolia
GRETRI	P3		Grevillea triloba
GREUMB			Grevillea umbellulata
GREUNC			Grevillea uncinulata
GREYOR			Grevillea yorkrakinensis
HAKADN			Hakea adnata
HAKAFFLI			Hakea aff. lissocarpha
HAKAFFST			Hakea aff. strumosa
HAKAUR			Hakea auriculata
HAKBAX			Hakea baxteri
HAKBRA	P3		Hakea brachyptera
HAKBUC			Hakea bucculenta
HAKCAN			Hakea candolleana
HAKCER			Hakea ceratophylla
HAKCIR			Hakea circumalata
HAKCLA			Hakea clavata
HAKCOM			Hakea commutata
HAKCOR			Hakea corymbosa
HAKCYC			Hakea cyclocarpa
HAKCYG			Hakea cygna
HAKDEN			Hakea denticulata
HAKENE			Hakea eneabba
HAKERE			Hakea erecta
HAKERI			Hakea erinacea
HAKFLA			Hakea flabellifolia
HAKFRA			Hakea francisiana
HAKGIL			Hakea gilbertii
HAKHOR			Hakea horrida
HAKINC			Hakea incrassata
HAKINV			Hakea invaginata
HAKLAS_B	P3		Hakea lasiocarpha
HAKLAU			Hakea laurina
HAKLEH			Hakea lehmanniana
HAKLIS			Hakea lissocarpha
HAKMAR			Hakea marginata
HAKMEI			Hakea meisneriana
HAKMIN			Hakea minyma
HAKMUL			Hakea multilineata
HAKNEW			Hakea newbeyana
HAKNIT			Hakea nitida
HAKOBL			Hakea obliqua
HAKPAN			Hakea pandanicarpa
HAKPET			Hakea petiolaris
HAKPLA			Hakea platysperma
HAKPRE			Hakea preissii
HAKPRO			Hakea prostrata
HAKPSI			Hakea psilorrhyncha
HAKPYC			Hakea pycnoneura
HAKRECAR			Hakea recurva subsp. arida
HAKRECRE			Hakea recurva subsp. recurva
HAKRUS			Hakea ruscifolia
HAKSCOSC			Hakea scoparia subsp. scoparia
HAKSMI			Hakea smilacifolia
HAKSTE			Hakea stenocarpa
HAKSTR			Hakea strumosa
HAKSUB			Hakea subsulcata
HAKSUL			Hakea sulcata
HAKTRI			Hakea trifurcata
HAKUND			Hakea undulata
HAKVAR			Hakea varia
ISOADE			Isopogon adenanthoides
ISOBUX			Isopogon buxifolius
ISOCRI			Isopogon crithmifolius
ISODIV			Isopogon divergens

Species Code	CC	Family	Name
ISODUB			Isopogon dubius
ISOGAR			Isopogon gardneri
ISOLIN			Isopogon linearis
ISOPOL			Isopogon polycephalus
ISOSCA_A			Isopogon scabriusculus
ISOSP.			Isopogon sp. Watheroo (D.Foreman 477)
ISOTER			Isopogon teretifolius
ISOTRI_A	P3		Isopogon tridens
ISOTRI_B			Isopogon trilobus
ISOVIL			Isopogon villosus
LAMECH			Lambertia echinata
LAMILI			Lambertia ilicifolia
LAMINE			Lambertia inermis
LAMMULMU			Lambertia multiflora var. multiflora
PERACI			Persoonia acicularis
PERANG			Persoonia angustiflora
PERBIG			Persoonia biglandulosa
PERBRE	P2		Persoonia brevirhachis
PERCOR			Persoonia coriacea
PERELL_A			Persoonia elliptica
PERHEL			Persoonia helix
PERHEX			Persoonia hexagona
PERLON			Persoonia longifolia
PERQUI			Persoonia quinquenervis
PERRUD	P3		Persoonia rudis
PERRUF			Persoonia rufiflora
PERSAU			Persoonia saundersiana
PERSCA	P3		Persoonia scabra
PERSTR			Persoonia striata
PERTER			Persoonia teretifolia
PERTRI			Persoonia trinervis
PETAFFSE			Petrophile aff. seminuda (GJK & NG 5093)
PETASP			Petrophile aspera
PETBRE			Petrophile brevifolia
PETRCFER			Petrophile cf. ericifolia
PETCIR			Petrophile circinata
PETCON			Petrophile conifera
PETCYA			Petrophile cyathiforma
PETDIV			Petrophile divaricata
PETDRU			Petrophile drummondii
PETERI			Petrophile ericifolia
PETFAS			Petrophile fastigiata
PETGLA			Petrophile glauca
PETHET			Petrophile heterophylla
PETIMB			Petrophile imbricata
PETMAC			Petrophile macrostachya
PETMED			Petrophile media
PETMEG			Petrophile megalostegia
PETMER			Petrophile merrallii
PETMIS			Petrophile misturata
PETPHY			Petrophile phylicoides
PETREC			Petrophile recurva
PETRIG			Petrophile rigida
PETSCA			Petrophile scabriuscula
PETSEM			Petrophile seminuda
PETSER			Petrophile serruriae
PETSHU			Petrophile shuttleworthiana
PETSQU			Petrophile squamata
PETSTR_A			Petrophile striata
PETSTR_B			Petrophile stricta
PETTER			Petrophile teretifolia
STILAT			Stirlingia latifolia
STISIM			Stirlingia simplex
STITEN			Stirlingia tenuifolia
SYNAFFGR			Synaphea aff gracillima. (GJK & NG 4626)
SYNAFFCU			Synaphea aff. cuneata (GJK & NG 4632)
SYNAFFDE			Synaphea aff. decorticans (GJK & NG 4638)
SYNAFFIN			Synaphea aff. interioris (GJK & NG 4615)
SYNAFIN2			Synaphea aff. interioris 2 (GJK & NG 4641)
SYNBOY	P2		Synaphea boyaginensis
SYNCER	P2		Synaphea cervifolia
SYNCON	P3		Synaphea constricta
SYNCUN	P3		Synaphea cuneata
SYNDEC			Synaphea decorticans
SYNDIV	P3		Synaphea divaricata
SYNFLA			Synaphea flabelliformis
SYNFLE			Synaphea flexuosa
SYNFLO			Synaphea floribunda
SYNGRA			Synaphea gracillima
SYNINT			Synaphea interioris
SYNMED			Synaphea media
SYNOBT			Synaphea obtusata
SYNOLI			Synaphea oligantha
SYNPET			Synaphea petiolaris
SYNASP23			Synaphea sp. (GJK & NG 4614)
SYNSPIMA			Synaphea spinulosa subsp. major
SYNSPISP			Synaphea spinulosa subsp. spinulosa
SYNTRI	P2		Synaphea tripartita
XYLANG			Xylomelum angustifolium
CLEDEL		Ranunculaceae	Clematis delicata
CLEPUB			Clematis pubescens
RANPUM			Ranunculus pumilio

Species Code	CC	Family	Name
ALENIT		Restionaceae	Alexgeorgea nitens
ANAEGR			Anarthria egrallata
ANAGRA			Anarthria gracilis
ANAHUM			Anarthria humilis
ANALAE			Anarthria laevis
ANAPRO			Anarthria prolifera
ANASCA			Anarthria scabra
CATENO			Catacolea enodis
CHOLAX			Chordifex laxus
CHOSIN			Chordifex sinuosus
CHOSPH			Chordifex sphacelatus
DESASP			Desmocladus asper
DESELO	P3		Desmocladus elongatus
DESFAS			Desmocladus fasciculatus
DESFLE			Desmocladus flexuosus
DESMYR			Desmocladus myriocladus
DESPAR			Desmocladus parthenicus
DESQUI			Desmocladus quiricanus
DESSEM			Desmocladus semiplanus
HARFER	P1		Harperia ferruginipes
HARLAT			Harperia lateriflora
HOPADS	P3		Hopkinsia adscendens
HYPEXS			Hypolaena exsulca
HYPFAS			Hypolaena fastigiata
HYPHUM			Hypolaena humilis
HYPPUB			Hypolaena pubescens
KULELU	P2		Kulinia eludens
LEPCHA			Lepidobolus chaetocephalus
LEPPRE_B			Lepidobolus preissianus
LEPMAC			Lepyrodia macra
LOXCIN			Loxocarya cinerea
LOXSTR			Loxocarya striata
LYGBAR			Lyginia barbata
MEECAN			Meeboldina cana
MEECOA			Meeboldina coangustata
MEEKRA			Meeboldina kraussii
STERAM			Stenotalis ramosissima
TRETRE			Tremulina tremula
CRYAPEAN		Rhamnaceae	Cryptandra apetala var. anomala
CRYARB			Cryptandra arbutiflora
CRYDIE	P2		Cryptandra dielsii
CRYGRA			Cryptandra graniticola
CRYLEU			Cryptandra leucopogon
CRYMINBR			Cryptandra minutifolia subsp. brevistyla
CRYMINMI			Cryptandra minutifolia subsp. minutifolia
CRYMYR			Cryptandra myriantha
CRYNOL	P2		Cryptandra nola
CRYNUD	P3		Cryptandra nudiflora
CRYNUT			Cryptandra nutans
CRYPOLPO	P3		Cryptandra polyclada subsp. polyclada
CRYPUN			Cryptandra pungens
CRYREC			Cryptandra recurva
CRYSCOMI	P2		Cryptandra scoparia var. microcephala
CRYSPY			Cryptandra spyridioides
CRYWIC			Cryptandra wichurae
CRYWIL			Cryptandra wilsonii
POMBIL	P4		Pomaderris bilocularis
POMMYR			Pomaderris myrtilloides
POMROT			Pomaderris rotundifolia
SPYCOR			Spyridium cordatum
SPYMIC			Spyridium microcephalum
SPYMIN			Spyridium minutum
SPYMUCMU			Spyridium mucronatum subsp. mucronatum
SPYPOL			Spyridium polycephalum
STECOR	P3		Stenanthemum coronatum
STEEMA			Stenanthemum emarginatum
STENOTCH			Stenanthemum notiale subsp. chamelum
STENOTNO			Stenanthemum notiale subsp. notiale
STEPOI	P2		Stenanthemum poicilum
STEPOM			Stenanthemum pomaderroides
STEPUM			Stenanthemum pumilum
STESP.			Stenanthemum sp. Burma Road (G.J.Keighery & N.Gibson 2904)
STESTI			Stenanthemum stipulosum
STETRI	P4		Stenanthemum tridentatum
TRYANG			Trymalium angustifolium
TRYDAP			Trymalium daphnifolium
TRYELA			Trymalium elachophyllum
TRYFLOFL			Trymalium floribundum subsp. floribundum
TRYLED			Trymalium ledifolium
TRYMON	P2		Trymalium monospermum
TRYMYRMY			Trymalium myrtillus subsp. myrtillus
GALAPA		Rubiaceae	* Galium aparine
GALDIV			* Galium divaricatum
GALMUR			* Galium murale
OPEAPI			Opercularia apiciflora
OPEECH			Opercularia echinocephala
OPEHIS			Opercularia hispidula
OPERUB	P2		Opercularia rubioides
OPESPE			Opercularia spermacocea
OPEVAG			Opercularia vaginata
BORALB		Rutaceae	Boronia albiflora

Species Code	CC	Family	Name
BORBUS			Boronia busselliana
BORCAPCA	R		Boronia capitata subsp. capitata
BORCOE			Boronia coerulescens
BORCRA			Boronia crassifolia
BORCRE			Boronia crenulata
BORCYM			Boronia cymosa
BORERI	P2		Boronia ericifolia
BORFABFA			Boronia fabianoides subsp. fabianoides
BORINC			Boronia inconspicua
BORINO			Boronia inornata
BORJUN			Boronia juncea
BOROVA			Boronia ovata
BORPUR			Boronia purdieana
BORRAM			Boronia ramosa
BORSCASC			Boronia scabra subsp. scabra
BORSPA			Boronia spathulata
BORSUB			Boronia subsessilis
BORTER			Boronia ternata
DIPDRU			Diplolaena drummondii
DIPGRA			Diplolaena graniticola
DIPVEL			Diplolaena velutina
DRUHAS			Drummondita hassellii
GELVER			Geleznowia verrucosa
MICMULBA			Microcybe multiflora subsp. baccharoides
MICMULMU			Microcybe multiflora subsp. multiflora
MICPAU			Microcybe pauciflora
PHEAMB			Phebalium ambiguum
PHECAN			Phebalium canaliculatum
PHEELE			Phebalium elegans
PHEFIL			Phebalium filifolium
PHELAE			Phebalium laevigatum
PHELEP			Phebalium lepidotum
PHEMEG			Phebalium megaphyllum
PHEMIC			Phebalium microphyllum
PHEOBO			Phebalium obovatum
PHETUB			Phebalium tuberculosum
PHIAFFGA			Philotheca aff. gardneri (GJK & NG 6804)
PHIDES			Philotheca deserti
PHIGARGA			Philotheca gardneri subsp. gardneri
PHIRHO			Philotheca rhomboidea
PHISPI			Philotheca spicata
PHITHR			Philotheca thryptomenoides
PHITOM			Philotheca tomentella
RHARUDRU			Rhadinothamnus rudis subsp. rudis
CHOGLO		Santalaceae	Choretrum glomeratum
CHOLAT			Choretrum lateriflorum

Species Code	CC	Family	Name
EXOAPH			Exocarpos aphyllus
EXOSPA			Exocarpos sparteus
LEPCUN			Leptomeria cunninghamii
LEPPRE_C			Leptomeria preissiana
LEPSCR			Leptomeria scrobiculata
LEPSQU_B			Leptomeria squarrulosa
SANACU			Santalum acuminatum
SANMUR			Santalum murrayanum
SANSPI			Santalum spicatum
DODADE		Sapindaceae	Dodonaea adenophora
DODAMB			Dodonaea amblyophylla
DODBUR			Dodonaea bursariifolia
DODCAE			Dodonaea caespitosa
DODCER			Dodonaea ceratocarpa
DODCON			Dodonaea concinna
DODDIV			Dodonaea divaricata
DODERI			Dodonaea ericoides
DODHUM			Dodonaea humifusa
DODINA			Dodonaea inaequifolia
DODLAR			Dodonaea larreoides
DODPIN			Dodonaea pinifolia
DODPTA			Dodonaea ptarmicaefolia
DODSTE			Dodonaea stenozyga
DODVIS			Dodonaea viscosa
BARTRI		Scrophulariaceae	* Bartsia trixago
GLODRU			Glossostigma drummondii
PARLAT			* Parentucellia latifolia
PARVIS			* Parentucellia viscosa
PHYCOR			* Phyllopodium cordatum
VERCAL			Veronica calycina
ZALDIV			* Zaluzianskya divaricata
SELGRA		Selaginellaceae	Selaginella gracillima
ANTLIT		Solanaceae	Anthocercis littorea
LYCAUS			Lycium australe
NICOCC			Nicotiana occidentalis
NICROS			Nicotiana rosulata
SOLLAS			Solanum lasiophyllum
SOLORB			Solanum orbiculatum
STAMON		Stackhousiaceae	Stackhousia monogyna
STAMUR			Stackhousia muricata
STASCO			Stackhousia scoparia
TRIBRU			Tripterococcus brunonis
GUIANG		Sterculiaceae	Guichenotia angustifolia
GUIMIC			Guichenotia micrantha
GUISAR			Guichenotia sarotes
KERHER			Keraudrenia hermanniifolia

Species Code	CC	Family	Name
KERINT			Keraudrenia integrifolia
LASCAR	P2		Lasiopetalum cardiophyllum
LASGLA			Lasiopetalum glabratum
LASMIC			Lasiopetalum microcardium
LASMOL			Lasiopetalum molle
LASOLD			Lasiopetalum oldfieldii
LASROS			Lasiopetalum rosmarinifolium
LYSINV			Lysiosepalum involucratum
THOFOL			Thomasia foliosa
THOMAC			Thomasia macrocalyx
LEVDUB		Stylidiaceae	Levenhookia dubia
LEVLEP			Levenhookia leptantha
LEVPAU			Levenhookia pauciflora
LEVPRE			Levenhookia preissii
LEVPUS			Levenhookia pusilla
LEVSTI			Levenhookia stipitata
STYADP			Stylidium adpressum
STYAFFBU			Stylidium aff. bulbiferum
STYAFFCA			Stylidium aff. caniculatum
STYAFFDI			Stylidium aff. dichotomum
STYAFFRE			Stylidium aff. repens
STYAFF			Stylidium affine
STYAMO			Stylidium amoenum
STYASS			Stylidium assimile
STYBRE			Stylidium breviscapum
STYBRU			Stylidium brunonianum
STYBUL			Stylidium bulbiferum
STYCAL			Stylidium calcaratum
STYCAR_A			Stylidium caricifolium
STYCAR_B			Stylidium carnosum
STYCFREP			Stylidium cf. repens
STYCHO	P2		Stylidium choreanthum
STYCIL			Stylidium ciliatum
STYCOA	P2		Stylidium coatesianum
STYCON			Stylidium confluens
STYCOR	R		Stylidium coroniforme
STYCRA			Stylidium crassifolium
STYCRO			Stylidium crossocephalum
STYCYG			Stylidium cygnorum
STYDIC			Stylidium dichotomum
STYDIE			Stylidium dielsianum
STYDIU			Stylidium diuroides
STYECO			Stylidium ecorne
STYELO			Stylidium elongatum
STYEMA			Stylidium emarginatum
STYERI			Stylidium eriopodum
STYHIR			Stylidium hirsutum
STYHIS			Stylidium hispidum
STYINU			Stylidium inundatum
STYJUN			Stylidium junceum
STYLEP_B			Stylidium leptophyllum
STYLIM			Stylidium limbatum
STYLON	P3		Stylidium longitubum
STYLUT			Stylidium luteum
STYMAC_A			Stylidium macranthum
STYMAC_B			Stylidium macrocarpum
STYMIN			Stylidium miniatum
STYNON	P3		Stylidium nonscandens
STYNUN			Stylidium nungarinense
STYOBT			Stylidium obtusatum
STYPER_A			Stylidium periscelianthum
STYPET			Stylidium petiolare
STYPIL_A			Stylidium piliferum
STYPIL_B			Stylidium pilosum
STYPIN			Stylidium pingrupense
STYPRE			Stylidium preissii
STYPUL			Stylidium pulchellum
STYPYC			Stylidium pycnostachyum
STYREP			Stylidium repens
STYRHY			Stylidium rhynchocarpum
STYRUP			Stylidium rupestre
STYSAC			Stylidium sacculatum
STYSCA	P4		Stylidium scabridum
STYSCH			Stylidium schoenoides
STYSPA_B			Stylidium spathulatum
STYSQU			Stylidium squamellosum
STYSTO			Stylidium stowardii
STYTEN_B	P4		Stylidium tenuicarpum
STYUNI			Stylidium uniflorum
STYAUS		Surianaceae	Stylobasium australe
STYSPA_A			Stylobasium spathulatum
PIMAER		Thymelaeaceae	Pimelea aeruginosa
PIMANG			Pimelea angustifolia
PIMARG			Pimelea argentea
PIMAVO			Pimelea avonensis
PIMBREBR			Pimelea brevifolia subsp. brevifolia
PIMCIL			Pimelea ciliata
PIMERE			Pimelea erecta
PIMIMB			Pimelea imbricata
PIMMIC			Pimelea microcephala
PIMPRE			Pimelea preissii
PIMSUAFL			Pimelea suaveolens subsp. flava

Species Code	CC	Family	Name
PIMSUASU			Pimelea suaveolens subsp. suaveolens
PIMSUL			Pimelea sulphurea
PIMSYL			Pimelea sylvestris
PLAGAL		Tremandraceae	Platytheca galioides
TETAFF			Tetratheca affinis
TETCON			Tetratheca confertifolia
TETEFO			Tetratheca efoliata
TETHIR			Tetratheca hirsuta
TETNUD			Tetratheca nuda
TETPIL	P3		Tetratheca pilifera
TETSET			Tetratheca setigera
TETSIM	P3		Tetratheca similis
TETVIR			Tetratheca virgata
PARCAR		Urticaceae	Parietaria cardiostegia
PARDEB			Parietaria debilis
HYBFLO		Violaceae	Hybanthus floribundus
CLEANG		Vitaceae	Clematicissus angustissima
XANBRE	P4	Xanthorrhoeaceae	Xanthorrhoea brevistyla
XANDRU			Xanthorrhoea drummondii
XANDXP			Xanthorrhoea drummondii x preissii
XANGRA			Xanthorrhoea gracilis
XANNAN			Xanthorrhoea nana
XANPLA			Xanthorrhoea platyphylla
XANPRE			Xanthorrhoea preissii
MACRIE		Zamiaceae	Macrozamia riedlei
LEPAUS		Zannichelliaceae	Lepilaena australis
ZYGANG		Zygophyllaceae	Zygophyllum angustifolium
ZYGAPI			Zygophyllum apiculatum
ZYGBIL			Zygophyllum billardierei
ZYGERE			Zygophyllum eremaeum
ZYGFRU			Zygophyllum fruticulosum
ZYGGLA			Zygophyllum glaucum
ZYGIOD			Zygophyllum iodocarpum
ZYGOVA			Zygophyllum ovatum
ZYGRET			Zygophyllum reticulatum
ZYGSIM			Zygophyllum simile

Appendix 4. Full 682 sites by 2609 species terrestrial flora dataset in Compressed Cornell format (Belbin 1995). GPS fixes for sites are shown in Appendix 2.

This Compressed Cornell file shows the title of the dataset and species presence/absence data in FORTRAN format (2015). The first number in each block is the site identifier followed by numbers identifying the species. The species and site names (in numeric order) are given in FORTRAN format (10A8) at the end of the table. Species codes and names are shown in Appendix 3.

```
Wheatbelt survey non-wetland dataset 682 sites x 2609 taxa
(20I5)                                                                5
    1   79  142  187  297  370  548  587  872 1196 1383 1474 1709 1783 2030 2035 2347 2442 2570
    2  130  168  169  181  187  371  479  529  591  715  845  850  869 1028 1066 1158 1163 1199 1367 1383 1474
1607 1751 1783 2035 2048 2121 2193 2451 2457 2464 2524 2570
    3    5  165  194  226  264  282  371  416  429  458  470  510  528  577  591  628  685  686  928  938  961
965 1081 1101 1137 1159 1367 1369 1375 1383 1474 1607 1791 1817 1858 1894 1897 1910 1988 2032 2035 2085 2117
2126 2172 2258 2261 2292 2464 2466 2483 2519 2520 2524 2564 2568 2570
    4    5  149  187  226  277  279  377  410  416  417  470  504  616  685  686  751  946  965 1020 1028 1087
1128 1129 1168 1367 1369 1375 1402 1604 1661 1665 1866 2013 2033 2038 2040 2110 2117 2121 2147 2193 2230 2451
2457 2466 2524 2570
    5  258  264  282  422  429  458  686  928  947  961 1055 1383 1661 1667 1864 2082 2110 2228 2239 2292 2440
2570
    6  928 1028 1738 1793 2110
    7   88  122  169  226  264  269  370  377  394  420  464  560  566  577  616  685  715  719  789  845  850
1158 1163 1329 1367 1376 1383 1403 1474 1604 1671 1783 2030 2032 2035 2048 2052 2105 2172 2193 2451 2457 2464
2466 2476 2524 2564 2570
    8    5   13   15   56  149  226  231  264  279  370  417  426  429  458  470  489  541  575  616  628  685
686  751  804  926  951  965  969 1056 1163 1168 1175 1367 1369 1370 1376 1377 1382 1474 1665 1833 1864 1910
1988 2013 2032 2035 2040 2043 2065 2081 2085 2088 2110 2121 2172 2289 2292 2451 2464 2466 2477 2524 2564 2568
2570
    9    2   44  142  165  168  364  370  486  545  577  591  685  715  851  969 1330 1370 1383 1474 1670 1709
1820 1971 1980 2015 2035 2048 2059 2121 2193 2464 2466 2524 2564 2570
   10    5   38  181  187  226  232  282  377  422  428  438  470  561  562  577  591  628  685  687  799  850
918  928 1020 1066 1129 1158 1163 1257 1264 1367 1373 1383 1474 1611 1717 1988 2030 2032 2035 2048 2078 2089
2121 2193 2292 2466 2524 2568 2570
   11    4   56  181  226  264  279  429  438  458  481  489  686  751  799  800  803  928  933 1056 1163 1369
1375 1383 1386 1661 1864 1910 2013 2020 2035 2082 2085 2110 2228 2234 2239 2301 2406 2451 2464 2466 2564 2570
   12  149  226  264  371  422  428  470  481  489  628  686  837  928 1057 1163 1383 1533 1810 1862 1910 1982
2032 2033 2035 2081 2085 2110 2261 2290 2410 2451 2464 2467 2603
   13    4   56   64  132  149  187  226  264  282  370  417  422  426  429  470  489  525  577  628  686  751
804  950  965 1028 1163 1369 1375 1383 1403 1474 1604 1612 1661 1667 1864 1876 1886 1910 2013 2032 2033 2035
2040 2081 2085 2110 2121 2125 2228 2289 2291 2406 2464 2466 2524 2564 2568 2570
   14  168  187  211  226  264  297  370  422  430  459  470  577  686  799  979  984 1025 1046 1129 1159 1383
1474 1604 1626 1670 1767 1910 1963 1971 2030 2032 2035 2048 2121 2147 2261 2453 2464 2466 2467 2524 2564 2570
   15  168  178  187  211  264  297  309  430  583  614  715  799  850 1129 1158 1174 1199 1219 1327 1383 1474
1611 1820 1971 2035 2048 2058 2117 2121 2464 2466 2524 2564 2570
   16   64   80  226  231  264  279  282  417  426  432  803  832  926  928  965  984 1163 1367 1369 1370 1376
1383 1474 1661 1667 1668 1731 1864 1869 2013 2040 2085 2088 2110 2121 2125 2261 2457 2464 2466 2511 2568 2570
2603
   17  106  165  173  194  226  239  264  276  284  370  394  397  416  418  423  424  435  439  448  498  579
597  634  666  693  725  735  751  766  789  791  798  843  845  850  852  968 1080 1103 1105 1126 1147 1157
1273 1346 1351 1356 1369 1373 1383 1460 1486 1518 1645 1794 1856 1884 1891 1897 1988 1998 2038 2056 2072 2137
2263 2280 2310 2321 2340 2377 2416 2417 2501 2514 2571
   18  571  683 1293 1383 1395 1439 1626 1786 2142 2144 2497
   19    5  165  194  222  223  224  386  394  423  424  435  436  439  560  570  590  634  724  789  798  800
813  845  852  854  866  959 1080 1166 1261 1301 1356 1374 1376 1383 1386 1420 1611 1626 1629 1856 1886 1897
1976 2038 2048 2084 2122 2137 2195 2250 2321 2338 2377 2426 2427 2451 2467 2480 2486 2493 2520 2521 2554 2564
   20  106  165  238  379  400  579  634  666  751  782  791  858  869  875  891  980 1032 1095 1151 1261 1306
1336 1337 1373 1383 1386 1460 1485 1518 1560 1608 1629 1634 1642 1820 1856 1903 2006 2027 2048 2341 2414 2417
2467 2499 2501 2514 2568 2571 2572 2585 2588
   21   75  165  223  264  370  392  416  423  424  481  560  599  617  734  789  798  817  826  834  845  854
866  922 1080 1100 1301 1372 1383 1395 1406 1440 1453 1478 1507 1634 1679 1786 1803 1827 1835 1856 1886 1897
1976 2036 2052 2054 2082 2137 2201 2250 2336 2338 2344 2406 2426 2451 2486 2493 2520 2521 2529
   22   75  165  172  194  226  282  370  394  397  423  424  458  473  475  487  541  560  562  570  576  634
686  733  751  789  800  845  907 1080 1103 1163 1261 1273 1301 1303 1337 1373 1383 1439 1460 1518 1603 1608
1634 1835 1856 1884 1886 1891 1897 1904 1938 1983 2030 2038 2048 2072 2105 2122 2137 2145 2225 2248 2250 2263
2280 2321 2322 2340 2359 2453 2467 2480 2481 2520 2564 2571
   23   75  108  111  129  165  173  191  213  276  286  370  397  400  446  475  497  530  579  674  735  757
761  791  815  843  850  892  907 1032 1080 1116 1146 1153 1218 1261 1326 1340 1349 1366 1383 1483 1486 1510
1512 1518 1544 1607 1629 1632 1642 1653 1796 1820 1856 1884 1913 1955 1958 1988 2071 2175 2183 2200 2222 2359
2365 2378 2408 2417 2419 2453 2467 2475 2501 2520 2539 2564 2593 2596
   24  165  226  246  290  370  439  475  560  590  604  696  734  739  789  791  800  843  850  873  958  968
1080 1116 1261 1301 1326 1337 1366 1373 1383 1460 1503 1510 1518 1522 1607 1634 1820 1856 1988 2071 2072 2121
2193 2249 2261 2310 2319 2321 2377 2408 2417 2453 2467 2514 2528 2568 2571 2590
   25   33  165  238  239  240  246  249  326  400  475  579  643  665  666  735  791  850  867  891  958 1032
1146 1151 1261 1319 1331 1332 1373 1383 1460 1485 1486 1518 1607 1640 1642 1656 1820 1856 1884 1921 1955 1958
2072 2096 2117 2154 2341 2375 2408 2417 2453 2467 2514 2520 2588 2591
   26  172  194  223  226  264  370  394  423  438  448  475  562  590  591  751  789  800  845 1080 1319 1366
1383 1460 1518 1531 1629 1820 1856 1983 1988 2048 2122 2137 2263 2280 2321 2377 2453 2467 2486 2520 2568 2596
   27  106  156  157  191  318  397  446  496  645  843 1032 1332 1337 1365 1380 1383 1455 1460 1629 1632 1642
1652 1653 1656 1797 1859 1918 1921 1945 1981 2104 2306 2323 2430 2467 2593 2596
   28    5  172  233  264  276
423  424  439  564  590  628  800  922 1080 1127 1158 1319 1517 1856 1891 2048 2137 2486 2520
   29  172  222  223  224  370  394  423  448  458  475  526  560  590  591  691  845  850  854 1158 1356 1373
1383 1386 1445 1547 1607 1608 1820 2105 2137 2233 2321 2340 2426 2467 2520
```

30 246 290 370 385 475 553 579 588 666 791 799 839 843 873 990 995 1116 1226 1240 1327 1338 1342 1376 1383 1503 1510 1562 1608 1642 1796 1820 1856 1903 2025 2048 2071 2072 2136 2193 2194 2221 2263 2321 2341 2408 2417 2453 2456 2490 2524 2568 2590

31 212 222 248 386 423 424 436 439 560 564 634 738 789 799 813 844 845 1080 1229 1284 1285 1287 1301 1379 1383 1393 1420 1453 1518 1519 1634 1797 1856 1884 1897 1957 1976 2084 2105 2137 2193 2261 2338 2427 2490 2493 2520 2536 2560

32 58 157 165 191 226 245 318 397 446 457 466 475 843 852 853 958 980 1032 1153 1312 1319 1353 1365 1366 1373 1380 1383 1398 1406 1423 1455 1460 1544 1557 1576 1585 1607 1629 1652 1656 1773 1820 1945 1981 2088 2104 2105 2306 2321 2359 2430 2467 2564 2568 2593 2596

33 106 165 264 266 279 282 397 424 798 977 1080 1373 1383 1460 1518 1634 1820 1877 1879 1988 2036 2072 2117 2426 2453 2467 2564

34 164 165 172 191 213 226 264 267 318 339 370 390 423 457 473 475 476 500 555 576 589 590 666 669 672 673 679 850 1273 1306 1383 1406 1436 1510 1537 1608 1616 1653 1820 1856 1877 1897 1988 2027 2030 2104 2117 2121 2145 2359 2467 2520 2536 2564 2568 2572

35 108 129 240 293 345 391 515 530 579 588 595 666 734 791 839 843 850 873 991 995 1002 1080 1116 1146 1260 1261 1337 1414 1479 1497 1510 1536 1547 1566 1607 1645 1756 1779 1856 1877 1884 1903 1936 2056 2072 2136 2263 2327 2370 2373 2383 2412 2417 2448 2453 2467 2528 2539 2588 2590

36 165 194 225 226 254 264 276 286 371 424 426 427 432 458 551 682 684 688 814 922 1030 1061 1296 1374 1377 1383 1406 1626 1738 1812 1836 1895 1896 1897 1988 2016 2232 2239 2261 2267 2477 2564

37 106 156 165 332 334 397 446 475 515 519 634 666 716 791 1032 1331 1349 1353 1379 1380 1383 1423 1455 1557 1576 1585 1652 1653 1745 1817 1877 1904 1918 1945 1981 2072 2154 2306 2426 2467 2468 2499 2536 2564 2568 2593 2596

38 75 107 165 248 264 267 279 367 394 414 536 541 590 800 850 958 977 1080 1094 1258 1634 1856 1874 1875 1888 1951 2038 2097 2117 2137 2408 2453 2467 2520

39 75 131 165 191 208 216 248 279 293 394 423 424 541 560 589 629 666 733 800 829 852 861 958 985 1079 1100 1261 1262 1383 1393 1420 1453 1512 1548 1570 1697 1763 1783 1826 1856 1884 1910 1957 2104 2137 2221 2225 2305 2333 2426 2453 2520 2529 2541

40 75 102 169 264 269 370 416 475 481 547 551 570 633 685 686 690 789 793 845 852 869 1135 1153 1158 1301 1367 1380 1383 1507 1510 1612 1694 1783 1856 1884 1897 1910 2033 2041 2048 2193 2224 2333 2464 2467 2473 2485 2520 2564 2565 2568

41 169 187 249 282 315 370 394 434 450 484 764 804 850 918 924 1158 1373 1383 1512 1537 1578 1603 1608 1709 1727 1820 1856 1902 2121 2174 2340 2346 2451 2464 2466 2467 2520 2549

42 147 165 169 249 293 339 370 476 535 562 577 686 843 869 918 1051 1158 1242 1271 1383 1489 1506 1526 1578 1608 1794 1820 1856 2030 2041 2104 2105 2121 2161 2174 2182 2186 2221 2443 2464 2466 2467 2485 2520 2564 2566 2598

43 4 78 194 264 277 279 370 420 481 548 628 633 686 789 799 928 1029 1163 1188 1383 1533 1536 1612 1631 1783 1815 1887 1891 1988 2013 2017 2032 2033 2088 2110 2128 2158 2451 2464 2473 2511 2520 2564 2568

44 147 191 213 339 353 531 535 547 671 737 740 776 793 843 857 869 937 1153 1186 1274 1422 1430 1459 1488 1506 1510 1578 1607 1702 1826 1851 1856 1932 1937 1992 2186 2190 2209 2226 2400 2415 2475 2536

45 56 149 165 211 231 273 279 281 283 458 481 489 686 751 965 1029 1163 1367 1373 1533 1876 1910 1938 2013 2043 2062 2076 2078 2110 2128 2172 2228 2239 2248 2483 2568

46 147 269 339 353 362 476 497 535 553 581 776 843 851 869 908 918 952 1131 1178 1186 1240 1242 1247 1271 1274 1383 1403 1406 1422 1459 1510 1526 1578 1607 1608 1740 1747 1794 1856 1884 1992 2030 2071 2117 2190 2221 2309 2359 2415 2453 2466 2485 2536 2550 2598

47 147 167 173 191 267 269 290 353 390 397 447 450 497 555 570 609 671 685 686 740 794 796 843 869 907 924 971 1160 1349 1383 1406 1413 1471 1507 1603 1608 1704 1747 1820 1856 1884 1904 1946 1988 1991 2030 2071 2154 2193 2373 2400 2444 2453 2467 2549

48 22 106 167 173 191 213 252 300 322 323 328 389 390 476 488 530 552 554 556 597 609 640 654 666 678 740 747 750 794 796 843 858 869 883 897 908 912 935 952 1072 1249 1252 1313 1321 1323 1332 1385 1413 1422 1428 1466 1542 1562 1584 1632 1640 1701 1778 1795 1797 1932 1944 1955 1978 2005 2185 2221 2306 2314 2330 2345 2354 2359 2365 2400 2453 2540 2551

49 173 187 328 331 353 476 552 609 644 647 654 671 735 740 747 776 781 796 843 878 883 891 897 908 912 936 952 957 1249 1274 1306 1313 1321 1413 1422 1466 1506 1518 1542 1562 1623 1632 1773 1779 1795 1797 1830 1832 1932 1937 1956 2168 2182 2185 2200 2331 2400 2448 2452 2453 2536

50 22 167 173 175 187 299 322 328 331 350 353 439 530 548 552 555 644 716 721 732 740 760 766 780 790 796 843 855 869 877 878 883 889 892 907 908 909 912 924 952 1252 1254 1256 1261 1274 1313 1321 1332 1390 1403 1428 1466 1510 1542 1642 1773 1778 1795 1856 1884 1946 2004 2175 2182 2200 2221 2277 2331 2332 2400 2417 2536 2548

51 165 172 223 264 284 370 423 475 562 570 591 799 845 1080 1158 1377 1383 1436 1474 1507 1531 1611 1856 1877 1988 2117 2464 2466 2467 2520 2568

52 5 165 226 231 264 266 279 282 286 370 386 417 423 428 481 686 690 691 800 845 1029 1137 1163 1272 1369 1376 1383 1406 1503 1518 1537 1626 1631 1856 1891 1897 1910 1988 2013 2030 2033 2038 2088 2089 2121 2122 2124 2125 2137 2458 2464 2477 2520 2524 2564 2570 2599

53 75 165 194 231 237 264 279 282 370 397 417 489 577 687 735 751 804 850 958 1080 1113 1131 1158 1261 1303 1345 1367 1373 1376 1377 1379 1383 1403 1460 1518 1536 1607 1608 1611 1631 1634 1761 1783 1820 1855 1856 1884 1936 1988 2030 2038 2056 2121 2193 2280 2336 2453 2464 2467 2502 2524 2528 2568 2590

54 106 165 191 213 269 277 308 318 345 370 446 461 497 555 666 669 686 735 794 862 871 952 1301 1383 1435 1480 1510 1537 1542 1549 1605 1608 1772 1794 1820 1856 1884 1932 1935 2030 2048 2049 2104 2117 2175 2193 2221 2280 2295 2359 2365 2453 2467 2554 2564

55 165 194 223 225 226 264 276 284 286 423 424 428 432 458 481 551 570 571 628 682 684 688 814 845 922 928 1136 1296 1383 1406 1440 1611 1626 1828 1836 1896 1897 1938 1988 2033 2193 2261 2453 2467 2476 2495 2496 2520 2564

56 165 194 225 254 264 282 371 424 628 682 688 814 969 1047 1296 1361 1383 1411 1731 1777 1783 1836 1896 1897 1910 2038 2043 2239 2261 2506 2520 2526 2564

57 24 686 795 806 1003 1043 1044 1079 1087 1190 1197 1234 1276 1326 1330 1383 1393 1547 1634 1687 1715 1731 1744 1783 1856 2102 2124 2520 2564

58 165 276 279 428 470 592 686 690 1027 1044 1055 1533 1626 1891 1910 2111 2124 2406 2506 2564 2575

59 401 825 876 976 1006 1253 1267 1271 1350 1383 1527 1536 1820 1910 1971 2015 2030 2048 2112 2139 2273 2506 2564 2568

60 103 186 191 205 213 308 319 347 357 390 497 545 555 658 732 795 871 873 885 892 952 972 1131 1153 1237 1250 1271 1282 1301 1330 1383 1414 1417 1503 1506 1512 1532 1547 1605 1637 1749 1772 1931 1932 1941 1947 2030 2056 2167 2175 2205 2209 2220 2279 2282 2365 2568

61 162 165 279 370 526 529 819 963 977 1080 1267 1303 1377 1383 1547 1607 1634 1820 1855 1874 1875 2062 2117 2124 2453 2467
62 75 149 165 194 226 231 279 282 284 370 417 424 428 458 487 489 561 685 686 687 691 751 964 969 1027 1080 1086 1103 1376 1382 1383 1460 1518 1631 1635 1817 1891 1897 1908 1910 1938 2013 2038 2084 2105 2121 2124 2125 2193 2250 2453 2476 2480 2481 2486 2489 2506 2520 2564 2568
63 226 264 266 267 279 287 458 799 922 1027 1029 1383 1403 1626 1631 1635 1820 1856 2124 2261 2469
64 56 149 226 264 267 277 279 458 686 751 789 804 837 1027 1055 1190 1259 1383 1503 1533 1537 1626 1631 1635 1820 1862 1910 2084 2121 2453 2464 2520 2564 2574
65 61 165 264 279 458 682 686 688 756 986 1003 1044 1361 1377 1383 1784 1910 2121 2138 2477 2506 2520 2564 2575
66 117 165 172 191 194 213 264 279 286 339 370 371 416 458 475 481 497 544 570 634 669 679 686 789 1345 1383 1423 1537 1607 1608 1611 1626 1630 1820 1884 1908 1988 2030 2048 2117 2261 2359 2436 2467 2520 2565 2568 2570
67 279 282 432 1001 1047 1123 1383 1687 1777 2564
68 165 173 191 226 267 286 308 345 347 370 497 524 527 588 666 685 741 871 879 880 884 892 952 1136 1256 1301 1383 1393 1414 1512 1526 1607 1608 1779 1794 1820 1856 1932 1939 1941 1957 1988 2030 2071 2121 2167 2193 2209 2220 2365 2408 2568 2570
69 46 187 293 353 355 524 545 633 776 786 850 879 886 1116 1181 1191 1283 1339 1401 1536 1537 1567 1607 1699 1749 1779 1856 1954 1971 1987 2320 2355 2453
70 106 165 173 191 213 227 269 308 345 368 370 515 530 555 588 595 666 685 732 779 791 850 871 881 887 892 904 952 1237 1260 1280 1285 1330 1383 1414 1464 1510 1512 1547 1562 1578 1605 1749 1820 1856 1932 1939 1957 2030 2071 2104 2359 2365 2370 2475 2588 2590
71 7 103 152 160 185 191 197 200 227 248 340 344 548 555 641 718 730 748 771 873 1092 1139 1142 1268 1278 1325 1326 1342 1381 1409 1435 1437 1481 1491 1499 1521 1544 1562 1652 1654 1756 1775 1781 1797 1834 1859 1870 1906 1997 2018 2104 2175 2200 2307 2350 2365 2397 2536 2593 2595
72 160 173 178 191 197 336 393 579 605 718 785 852 892 924 925 1116 1139 1284 1285 1301 1330 1409 1465 1520 1526 1748 1796 1797 1799 1856 1859 1903 1957 1989 2167 2175 2196 2210 2257 2367 2427 2484 2509 2528 2593
73 104 234 303 333 338 359 384 553 631 668 769 1005 1017 1024 1074 1075 1094 1099 1100 1113 1269 1301 1315 1330 1393 1536 1624 1634 1724 1743 1759 1771 1856 1928 1967 1989 2074 2102 2202 2276 2284
74 169 178 187 191 497 524 552 639 702 707 739 852 1014 1048 1071 1301 1480 1504 1513 1526 1531 1562 1589 1614 1637 1654 1743 1781 1796 1802 1856 1860 1882 1940 2000 2010 2018 2048 2167 2196 2205 2318 2359 2458 2531 2545
75 90 101 163 173 187 191 359 378 524 548 553 597 733 873 1023 1048 1071 1245 1259 1269 1285 1330 1393 1504 1506 1518 1531 1559 1562 1637 1654 1796 1814 1834 1856 1940 2018 2196
76 234 338 378 482 552 553 1005 1014 1075 1094 1100 1233 1384 1393 1544 1637 1743 1748 1753 1903 1989 2102
77 152 160 178 185 191 197 200 206 219 307 336 340 344 357 393 463 482 555 606 611 641 718 727 748 852 1092 1139 1245 1301 1330 1381 1409 1465 1481 1512 1526 1565 1624 1638 1654 1740 1769 1775 1796 1834 1859 1870 1906 2018 2104 2175 2283 2308 2360 2365 2408 2528 2574 2595
78 165 194 197 279 370 387 432 442 470 481 572 579 591 686 688 932 1136 1158 1163 1243 1367 1383 1803 1816 1821 1910 1938 1988 2018 2040 2052 2121 2126 2280 2431 2437 2453 2466 2520 2524 2564 2568 2570 2578
79 172 194 279 591 798 827 1163 1383 1538 2048 2265 2466 2524 2564 2570
80 27 101 117 194 229 279 470 544 686 751 826 1038 1086 1259 1383 1402 1547 1631 1856 1862 1910 2076 2561 2564
81 101 169 187 234 241 292 293 370 497 539 625 702 721 850 924 1094 1327 1330 1480 1509 1526 1538 1578 1607 1614 1782 1856 1882 2018 2057 2167 2202 2280 2531
82 3 96 105 234 549 756 825 988 1003 1024 1074 1197 1207 1244 1290 1330 1624 1698 1712 1759 1784 2094 2274 2574
83 97 160 178 185 191 198 200 206 219 251 307 320 336 337 340 341 354 373 401 463 482 548 555 584 611 718 727 748 785 873 881 1048 1059 1142 1245 1248 1268 1269 1285 1330 1409 1499 1562 1599 1638 1654 1689 1740 1769 1775 1781 1906 1926 1945 1957 2219 2278 2308
84 234 267 291 333 373 421 454 548 668 744 1014 1017 1113 1265 1330 1536 1583 1743 1809 1989 2062 2146 2278 2426
85 234 292 333 362 373 482 547 552 668 1014 1017 1113 1472 1536 1583 1856 1989 2278
86 85 101 169 308 524 552 1075 1531 1569 1782 1940 1975 2018 2167 2531
87 61 77 124 234 384 549 601 825 988 993 1003 1015 1024 1074 1087 1165 1190 1207 1282 1290 1315 1624 1698 1712 1759 1784 1805 1872 2101 2574
88 62 77 234 527 825 988 1010 1074 1087 1197 1207 1259 1315 1725 1784 1801 1856 2101 2153 2425 2453
89 95 191 333 357 359 362 373 450 527 552 637 708 769 795 850 1007 1014 1017 1048 1075 1078 1094 1111 1176 1245 1255 1339 1393 1503 1536 1562 1569 1637 1654 1785 1802 1856 1922 1970 2102 2133 2202 2221 2278 2533
90 113 169 387 450 578 745 850 1097 1114 1131 1172 1198 1371 1511 1538 1539 1782 1972 2018 2265 2318 2426 2437
91 45 47 56 83 756 836 997 1015 1077 1738 1809
92 89 362 382 384 825 988 994 1073 1197 1201 1315 1509 1782 1864 2018 2047 2146 2275 2516 2574
93 24 113 169 175 191 215 279 308 463 497 539 545 548 769 795 1014 1048 1075 1176 1247 1301 1309 1330 1514 1536 1549 1590 1637 1781 1796 1852 1856 1989 2092 2168 2221 2395 2531 2534
94 12 264 814 997 1296 1684 1776
95 234 373 997 1005 1017 1024 1074 1075 1094 1123 1197 1330 1536 1672 1714 1724 1759 1771 1784 1856 2062 2097 2153 2220 2275 2316 2528
96 24 62 267 279 756 987 988 1015 1017 1061 1075 1087 1098 1201 1315 1383 1712 1820 2426
97 61 234 547 988 1005 1017 1024 1074 1098 1197 1201 1244 1259 1395 1536 1724 1759 1771 1784 2097
98 234 303 333 478 631 769 799 1044 1067 1078 1094 1142 1197 1201 1259 1330 1548 1725 1753 1759 1771 1781 1784 1809 2102 2406
99 160 173 178 191 197 307 347 450 552 555 589 597 664 766 861 873 1048 1245 1301 1330 1409 1526 1542 1544 1574 1701 1753 1775 1779 1796 1797 1799 1856 1884 1940 1960 2196 2200 2221 2359 2365 2593 2595
100 63 81 194 267 279 282 370 470 498 544 578 686 688 1024 1074 1075 1131 1303 1383 1536 1837 1904 1910 2030 2032 2082 2083 2121 2425 2453 2464 2467 2520 2561 2564 2568 2570
101 544 814 1050 1087 1091 1667 1738 1750 1774 1805 1864 2110 2145 2440
102 258 544 814 928 939 940 1036 1651 1659 1750 2110 2148 2158 2440 2602
103 1036 1076 1661 1750 2111 2440 2605

104 160 178 185 191 197 207 227 234 359 497 548 597 739 785 873 1048 1116 1247 1285 1330 1393 1480 1503 1544 1562 1571 1637 1654 1753 1796 1799 1856 1922 1940 1957 2061 2096 2318 2381 2458 2534
105 74 162 165 179 187 222 267 279 370 377 414 417 424 560 579 591 827 845 869 1103 1109 1136 1158 1163 1166 1171 1373 1383 1607 1722 1803 1886 1910 1988 2030 2038 2040 2053 2060 2075 2105 2145 2197 2249 2250 2261 2280 2340 2453 2467 2521 2524 2564 2568 2578
106 234 267 279 828 993 1003 1024 1047 1712 1755 1759 1784 1873 2426
107 191 206 308 333 347 357 373 390 463 478 555 584 611 652 785 881 894 1035 1048 1245 1330 1416 1476 1503 1514 1521 1526 1542 1562 1654 1689 1775 1779 1834 1922 1927 1945 2175 2215 2220 2221
108 101 175 191 207 308 347 353 455 485 497 527 548 552 555 637 732 779 785 862 873 879 1048 1211 1247 1330 1503 1504 1506 1513 1523 1542 1562 1654 1781 1796 1799 1856 1860 1884 1927 1940 2018 2167 2196 2205 2400 2533 2555
109 234 279 288 364 544 578 827 1047 1201 1725 1928 1971 2343 2425
110 113 169 191 234 524 625 698 708 826 850 997 1010 1042 1074 1094 1169 1175 1279 1330 1503 1509 1607 1614 1724 1725 1806 1807 1856 1969 1979 1993 2018 2048 2133 2193 2280 2285 2311 2533 2583
111 149 186 187 194 263 264 277 279 281 282 370 414 544 688 751 826 928 1024 1038 1162 1367 1375 1383 1536 1631 1784 1820 1856 1862 1910 2032 2040 2088 2117 2139 2235 2239 2426 2453 2467 2520 2561 2564 2568
112 10 187 241 279 370 528 529 549 695 825 837 981 997 1003 1043 1044 1049 1087 1114 1367 1382 1765 1781 1783 1820 1867 1910 1967 2022 2121 2145 2453 2512
113 226 264 279 282 458 489 686 690 997 1028 1055 1060 1383 1864 1891 1910 2111 2406 2564
114 150 173 191 308 347 357 358 359 552 585 637 655 732 764 840 850 885 886 896 1096 1250 1271 1327 1330 1393 1401 1414 1417 1480 1536 1537 1542 1625 1637 1749 1781 1811 1850 1856 1922 1933 1941 1948 1957 2025 2053 2072 2168 2309 2318 2325 2339 2401 2505 2546
115 168 362 527 717 837 896 976 1006 1043 1116 1253 1283 1327 1393 1510 1536 1558 1783 1874 1916 1971 2022 2072 2273 2451 2512
116 191 218 314 347 357 441 555 585 655 732 752 755 759 766 862 879 972 1181 1250 1327 1330 1414 1417 1449 1496 1514 1537 1553 1562 1564 1580 1605 1654 1749 1781 1794 1856 1933 1935 2170 2226 2318 2470
117 175 191 276 308 347 462 497 514 537 589 637 739 752 850 862 871 917 952 1247 1261 1282 1330 1383 1393 1480 1503 1506 1514 1574 1637 1781 1794 1817 1856 1882 1927 1939 2030 2193 2221 2226 2279 2280 2359
118 168 170 293 377 390 529 537 582 625 633 688 702 708 850 1142 1250 1279 1344 1506 1509 1571 1709 1733 1758 1856 2018 2058 2157 2171 2200 2318 2425 2534
119 134 172 181 282 367 448 501 524 528 529 819 841 850 958 1202 1383 1511 1857 1862 1874 1988 2030 2072 2075 2261 2340 2451 2467 2520 2568
120 235 258 264 279 282 417 939 969 1081 1383 1533 2228 2239
121 56 64 149 165 226 258 264 267 276 279 286 417 429 465 470 489 686 688 837 1055 1056 1094 1367 1383 1631 1731 1783 1820 1862 1864 1910 2030 2033 2040 2121 2125 2158 2239 2261 2406 2426 2453 2467 2520 2564
122 88 169 175 186 191 293 308 377 394 455 465 487 552 582 589 633 637 699 702 719 733 815 819 834 838 839 845 924 958 1217 1289 1420 1506 1509 1518 1537 1571 1779 1822 1826 1856 1882 1954 2035 2221 2226 2335 2339 2453 2505 2534 2555 2570
123 56 264 267 279 489 529 686 751 825 981 997 1003 1044 1123 1820 1864 1964 2072 2110 2121 2239 2451 2568
124 34 56 226 258 264 266 279 409 470 481 686 1027 1055 1303 1533 1631 1684 1789 1862 1864 1910 2111 2234 2406 2453 2504
125 169 186 249 377 497 548 582 589 597 637 655 699 739 766 769 839 856 870 871 924 1097 1215 1256 1330 1401 1480 1506 1512 1513 1531 1571 1783 1794 1856 1884 2025 2221 2226 2307 2318 2358 2529 2555
126 149 165 169 172 194 264 279 282 370 394 416 458 487 497 529 577 686 751 789 820 958 965 1028 1261 1367 1383 1506 1507 1523 1531 1537 1631 1820 1856 1884 1891 1897 1988 2030 2038 2040 2121 2145 2261 2453 2564 2568
127 279 549 717 756 825 977 997 1006 1113 1536 1710 1726 1732 1765 1783
128 70 549 836 953 1055 1056 1087 1684 1687 1731 1739 1871 2145 2228 2237 2406
129 18 168 362 455 539 625 698 845 850 872 1187 1211 1263 1279 1314 1410 1531 1569 1707 1742 1806 1856 1962 1971 1997 2025 2048 2053 2071 2121 2193 2339 2355 2373 2533
130 70 264 756 981 1003 1069 1087 1175 1684 1687 1710 1729 1783 1805
131 83 181 258 264 266 275 367 940 1021 1027 1087 1123 1536 1631 1651 1662 1812 1862 1864 1871 2110 2158 2453 2575 2605
132 168 279 701 825 1003 1012 1043 1045 1503 1536 1608 1709 1783 1856 1967 1971 1993 2018 2022 2071 2355 2453 2512
133 87 108 128 154 168 173 175 191 308 345 347 357 492 527 553 585 637 699 732 733 783 785 788 808 850 879 885 886 896 972 1116 1189 1226 1247 1256 1393 1417 1503 1506 1596 1637 1654 1780 1811 1847 1856 1941 1957 2003 2024 2058 2102 2183 2209 2218 2276 2318 2359 2533 2541 2546 2594
134 88 136 169 175 191 226 308 345 351 455 582 585 637 706 737 850 917 1211 1247 1279 1327 1330 1410 1414 1480 1503 1506 1537 1571 1579 1592 1630 1654 1692 1709 1794 1811 1814 1826 1856 1933 2015 2058 2183 2318 2359 2385 2533 2541 2594
135 168 825 991 1003 1087 1715 1783 1856 1874 1967 2145 2453 2512 2573
136 10 379 701 763 825 1037 1045 1060 1087 1190 1282 1510 1531 1684 1701 1732 1765 1783 1971 2022 2133 2134 2453 2512 2573 2574
137 5 18 168 170 249 293 359 362 455 539 701 825 850 1006 1012 1172 1178 1250 1265 1283 1339 1503 1510 1732 1779 1783 1806 1916 1965 1971 1993 2453 2533
138 49 168 191 293 345 359 377 497 524 552 582 637 737 764 850 917 1178 1240 1247 1279 1283 1325 1503 1506 1631 1688 1709 1733 1783 1811 1856 1882 2025 2058 2171 2226 2318 2349 2359 2365 2385 2453 2533
139 87 131 137 154 168 191 205 293 308 345 347 359 497 527 537 549 578 582 585 637 702 707 737 752 766 773 783 839 850 871 879 884 885 886 952 972 1116 1189 1215 1247 1256 1283 1326 1393 1414 1417 1480 1503 1506 1510 1542 1569 1571 1631 1654 1749 1763 1772 1794 1825 1847 1856 1882 2189 2365 2385 2533 2555 2556 2558 2594
140 74 169 249 293 362 370 377 455 497 524 625 705 850 1163 1548 1586 1607 1608 1772 1779 1856 1884 2015 2018 2071 2280 2425 2453 2466 2533 2570
141 686 981 1055 1190 1864
142 18 168 169 249 362 497 537 549 850 1012 1043 1066 1189 1250 1265 1279 1283 1327 1527 1548 1733 1783 1806 1856 1875 1965 1971 2121 2145 2171 2304 2453 2553
143 168 241 527 633 732 985 1114 1250 1279 1283 1569 1781 1783 1856 1875 1971 2453
144 87 168 169 173 175 345 357 455 485 527 582 585 589 637 737 769 782 850 885 886 1189

1247 1256 1326 1327 1414 1480 1503 1637 1654 1779 1794 1826 1850 1856 1941 1954 1957 2058 2171 2183 2189 2226 2318 2349 2533 2546 2594
145 87 168 169 175 191 249 345 357 362 377 455 485 553 582 637 732 758 766 850 861 885 886 1247 1327 1414 1480 1506 1526 1537 1578 1709 1781 1794 1856 1916 2058 2183 2189 2226 2359 2365 2385 2453 2533
146 36 87 154 175 191 293 308 345 347 357 497 552 582 585 637 655 702 705 737 766 793 850 871 879 884 885 886 952 1247 1271 1330 1393 1414 1532 1571 1579 1635 1654 1772 1779 1794 1847 1856 1874 1941 1957 2003 2090 2107 2183 2200 2221 2349 2359 2365 2385 2533 2553 2594
147 56 282 429 529 686 751 1056 1375 1460 1631 1684 1871 2228 2236 2453 2564
148 56 268 756 981 1003 1055 1087 1190 1765 1804 1864 2145 2406 2575
149 370 756 825 977 1076 1114 1684 1783 1874 1965 2453 2573
150 36 154 191 293 308 347 357 537 552 578 582 585 655 764 773 783 794 795 838 851 871 879 884 885 895 952 972 1247 1256 1271 1327 1330 1393 1417 1449 1503 1506 1514 1526 1579 1631 1637 1654 1749 1758 1796 1826 1830 1856 1933 1947 1957 2022 2058 2090 2107 2189 2221 2226 2365 2456 2470 2533 2594
151 2 49 77 136 279 293 497 552 702 707 733 826 834 838 869 1279 1303 1548 1571 1575 1593 1732 1742 1765 1783 1823 1856 2018 2145 2265 2280 2453 2460
152 362 490 497 625 705 826 1043 1063 1114 1261 1279 1327 1510 1548 1574 1598 1701 1732 1765 1783 1856 1874 2022 2453 2512
153 264 282 549 705 789 824 837 1003 1043 1045 1063 1261 1383 1503 1548 1637 1715 1732 1765 1783 1856 2145 2265 2453 2512 2574
154 87 293 359 455 527 539 549 552 553 582 637 737 768 850 886 1116 1247 1255 1256 1327 1330 1393 1414 1503 1570 1592 1635 1654 1709 1779 1825 1847 1856 1941 1954 1971 2102 2171 2183 2189 2318 2385 2529 2546 2594
155 56 118 168 241 264 282 686 700 706 712 764 825 941 1055 1068 1087 1190 1548 1626 1684 1687 1783 1864 2145 2453
156 168 169 170 249 293 370 439 455 537 578 625 816 850 1283 1383 1531 1569 1571 1608 1709 1811 1856 1971 2015 2071 2193 2453 2541 2546
157 6 226 279 282 293 377 386 426 490 548 751 789 1009 1383 1403 1503 1506 1548 1608 1611 1631 1856 1862 1886 1891 1897 1988 2038 2084 2168 2236 2280 2453 2520 2524 2561 2564 2571
158 165 172 194 264 282 490 529 719 799 850 958 1028 1103 1158 1376 1383 1460 1510 1531 1611 1616 1631 1803 1820 1830 1891 2062 2453 2564 2566
159 255 264 282 686 1027 1055 1533 1667 1864 2111 2145 2235 2406
160 6 165 282 789 798 1038 1063 1086 1383 1510 1548 1608 1631 1731 1783 1856 2261 2525
161 50 165 241 264 279 429 686 997 1045 1087 1282 1687 1729 1731 1783 1804 1820 2453 2564
162 49 78 168 249 293 362 539 705 737 850 1183 1187 1189 1250 1328 1431 1548 1571 1709 1779 1806 1825 1856 1916 1965 2018 2058 2171 2318 2531 2533 2538
163 64 282 362 756 825 1003 1044 1069 1087 1235 1327 1711 1732 1783 1971 2022 2453 2573 2574
164 6 18 168 249 359 362 383 455 527 537 545 585 850 872 885 896 1043 1116 1211 1283 1325 1410 1510 1527 1637 1654 1772 1779 1806 1856 1877 1916 1939 1971 2018 2318 2453 2533
165 172 264 276 370 394 420 502 529 733 789 799 958 1063 1303 1345 1506 1510 1548 1635 1856 1874 1988 2022 2030 2121 2265 2280 2453 2467 2520 2564 2566
166 165 370 377 387 424 429 560 573 579 591 686 800 804 837 845 849 852 870 1137 1158 1166 1383 1461 1803 1886 1897 1988 2030 2038 2250 2261 2271 2280 2340 2433 2437 2453 2458 2467 2520 2564 2583
167 282 361 470 544 928 973 974 1057 1100 1503 1548 1635 1862 1889 2110 2512
168 470 544 686 814 928 1058 1061 1223 2030 2110 2239 2440 2453 2464 2605
169 94 235 258 264 282 532 939 1027 1033 1533 1651 1659 1864 1871 1910 2228 2406 2564 2605
170 165 258 264 686 824 928 961 1036 1076 1123 1659 1730 1871 2110 2228 2234
171 165 258 264 279 429 1036 1055 1460 2228 2239 2261
172 18 49 165 169 172 187 249 264 267 293 370 377 539 577 582 633 699 705 850 1279 1327 1493 1506 1538 1548 1783 1830 1856 2018 2071 2121 2171 2466 2566 2570
173 56 165 169 187 282 365 370 465 521 701 705 732 824 985 986 997 1114 1163 1279 1548 1765 1856 1877 1971 2022 2072 2121 2145 2193 2305 2453 2564 2566 2570
174 165 181 235 264 282 928 1021 1081 1087 1383 1750 1793 1820 1864 1871 2033 2088 2145 2158 2228 2564 2605
175 12 136 282 470 529 814 928 973 1061 1326 1373 1731 1783 2030 2110 2453 2564 2570
176 136 165 187 264 282 489 502 553 578 686 733 838 850 1028 1158 1510 1548 1611 1783 1825 1830 1856 1971 2013 2030 2038 2147 2193 2265 2453 2464 2520 2524 2564 2570
177 165 258 264 279 282 429 489 532 686 928 939 969 1027 1081 1533 1651 1864 1871 2007 2023 2040 2043 2088 2121 2158 2228 2239 2289 2453
178 235 258 264 279 282 371 429 470 489 532 686 751 928 939 940 969 1027 1081 1087 1266 1533 1651 1864 1871 2007 2013 2033 2040 2043 2228 2239 2289 2453 2564
179 49 60 168 308 377 582 597 637 733 851 1226 1327 1506 1515 1548 1593 1709 1794 1856 1877 1882 1954 2018 2183 2200
180 35 64 75 136 362 701 705 825 1012 1044 1123 1175 1221 1261 1497 1510 1631 1637 1717 1740 1765 1783 1856 1965 1971 2018 2453 2573
181 64 165 181 264 278 470 549 686 798 941 945 1045 1055 1631 1862 1910 2007 2111 2158 2406 2520 2574
182 165 181 278 279 489 549 928 945 1027 1081 1087 1774 1864 2033 2088 2111 2564
183 5 165 193 194 222 223 226 279 290 370 412 423 500 560 576 591 657 687 816 839 845 852 861 866 922 1054 1103 1158 1166 1170 1229 1319 1356 1366 1373 1383 1436 1460 1507 1510 1607 1616 1803 1813 1856 1884 1891 1983 2105 2137 2193 2250 2453 2458 2464 2467 2520 2524 2528 2564
184 5 138 172 194 264 279 390 394 424 427 434 439 475 500 534 560 590 591 719 789 800 845 858 869 888 922 980 1080 1158 1227 1307 1319 1356 1366 1373 1376 1383 1386 1406 1510 1512 1607 1608 1616 1656 1751 1813 1856 1877 1904 1983 2077 2124 2137 2193 2261 2263 2319 2336 2451 2464 2467 2487 2513 2520 2568 2588 2596
185 75 165 194 241 370 397 424 434 475 562 590 686 800 851 958 967 980 1080 1114 1170 1261 1303 1332 1356 1373 1382 1383 1460 1614 1631 1632 1656 1820 1874 1884 1897 2027 2062 2067 2072 2105 2137 2257 2453 2464 2467 2520 2528 2564 2568 2596
186 5 165 169 187 194 226 244 264 267 279 281 284 370 377 386 423 434 541 560 577 590 591 685 731 799 858 922 1029 1129 1137 1158 1163 1291 1367 1373 1376 1383 1474 1497 1509 1607 1611 1783 1794 1826 1856 1897 1988 2014 2038 2048 2121 2122 2137 2174 2193 2453 2464 2466 2520 2524 2564 2568
187 16 106 153 167 173 191 213 220 226 262 318 326 335 370 461 477 555 561 562 638 666 669 843 848 862 980 1153 1331 1349 1380 1383 1398 1482 1512 1607 1629 1652 1756 1820 1845 1856 2030 2054

2071 2104 2105 2175 2186 2193 2249 2365 2453 2460 2467 2520 2564 2568 2571
188 67 165 194 279 286 348 370 394 412 414 423 424 436 439 475 579 656 666 731 751 764 792 800 815 869 888 1080 1103 1203 1227 1229 1230 1303 1346 1356 1366 1367 1373 1379 1383 1386 1614 1856 1884 1886 1897 2030 2038 2048 2052 2077 2084 2105 2137 2174 2263 2321 2467 2520 2564 2568 2572 2596
189 106 165 223 270 397 424 438 475 562 590 598 666 716 789 800 869 891 1080 1147 1166 1170 1203 1212 1261 1319 1332 1356 1366 1373 1379 1382 1383 1460 1486 1512 1587 1607 1629 1632 1642 1820 1856 1877 1884 1906 1978 1983 1988 2048 2310 2319 2321 2388 2417 2453 2460 2467 2501 2510 2528 2564 2568 2572 2584 2588 2596
190 165 192 246 279 326 590 667 799 800 816 843 845 848 891 907 980 1032 1331 1332 1334 1365 1373 1383 1486 1607 1608 1629 1632 1634 1642 1820 1830 1906 2070 2084 2104 2335 2342 2379 2417 2467 2475 2487 2501 2564 2589 2596
191 560 571 1080 1412 1439 2204 2267
192 165 213 214 226 279 394 423 447 461 466 475 481 562 570 579 624 634 666 686 845 852 907 1032 1331 1332 1365 1380 1383 1406 1436 1460 1485 1512 1544 1629 1632 1652 1656 1820 1884 1910 1978 1983 2048 2104 2105 2122 2175 2193 2321 2335 2342 2370 2453 2467 2520 2556 2564 2565 2596
193 165 194 213 222 267 269 279 370 423 439 461 475 560 562 570 579 624 666 669 685 751 845 850 869 980 1137 1147 1153 1203 1273 1278 1326 1332 1356 1365 1366 1379 1383 1403 1406 1436 1445 1460 1474 1512 1517 1587 1607 1616 1629 1813 1820 1856 1888 1897 1983 2030 2032 2035 2048 2104 2122 2154 2174 2193 2263 2280 2321 2326 2333 2467 2498 2520 2554 2564 2568 2571 2572 2596
194 103 248 403 624 733 875 971 1096 1151 1261 1332 1363 1432 1457 1629 1644 1856 1877 1906 1923 2280 2310 2403 2475 2487 2501 2505 2596
195 261 279 290 394 530 553 560 579 624 733 761 782 843 858 875 980 1105 1131 1147 1179 1212 1227 1256 1278 1281 1331 1332 1366 1371 1373 1383 1399 1400 1477 1486 1512 1518 1529 1607 1608 1629 1645 1832 1856 1884 1906 1923 2004 2048 2071 2084 2089 2130 2151 2174 2193 2226 2280 2318 2364 2456 2461 2487 2501 2596
196 16 187 238 246 388 403 530 538 579 646 782 791 843 858 875 891 924 980 1032 1116 1146 1157 1203 1227 1261 1285 1286 1331 1332 1373 1383 1400 1448 1467 1477 1486 1529 1587 1607 1632 1641 1642 1643 1644 1797 1856 1877 1884 1903 1906 1959 2027 2048 2071 2072 2084 2193 2213 2226 2318 2319 2321 2359 2370 2388 2412 2416 2417 2430 2446 2456 2460 2461 2467 2487 2501 2568 2592 2596
197 75 165 194 264 279 282 284 348 370 394 397 423 438 475 489 498 569 579 685 686 731 751 789 800 843 858 888 1080 1137 1147 1163 1170 1256 1261 1303 1319 1332 1338 1356 1366 1375 1376 1383 1403 1460 1486 1547 1608 1610 1629 1631 1820 1856 1884 1888 1897 1983 2022 2032 2038 2089 2105 2137 2193 2453 2466 2467 2469 2520 2568 2571 2596
198 165 226 267 269 364 423 590 633 685 733 800 818 858 892 924 971 1096 1116 1118 1256 1303 1307 1318 1373 1383 1400 1518 1607 1611 1696 1820 1856 1877 1884 1988 2030 2121 2193 2464 2467 2564
199 756 800 977 1820 1855 1875 2072 2453 2464 2467 2564
200 56 82 83 256 264 279 282 803 928 939 1029 1055 1533 2078 2111
201 226 258 264 422 429 432 470 489 682 686 928 970 986 1029 1036 1055 1367 1533 1626 1651 1793 1808 1864 2013 2040 2042 2064 2110 2228 2239 2261 2292 2564 2570
202 75 149 165 181 191 262 264 279 282 339 367 370 531 544 577 620 628 630 850 871 952 1135 1137 1189 1383 1403 1480 1506 1510 1548 1611 1629 1733 1794 1818 1856 1862 1868 1884 1897 2030 2035 2110 2221 2239 2365 2451 2460 2464 2483 2520 2564 2568 2570 2598
203 5 54 56 64 140 149 165 192 264 279 284 416 417 429 470 481 489 561 577 616 628 686 690 751 756 799 805 922 928 941 962 965 969 984 1055 1163 1175 1367 1376 1377 1383 1492 1626 1631 1731 1783 1910 2013 2030 2032 2033 2038 2040 2081 2110 2121 2125 2145 2228 2236 2239 2451 2464 2466 2477 2483 2524 2564 2568 2570 2574 2599
204 121 165 187 226 264 277 286 394 590 719 733 789 800 807 820 845 852 870 965 984 1158 1198 1261 1373 1383 1485 1518 1637 1856 1884 1897 1910 1988 2032 2038 2052 2084 2105 2137 2193 2280 2402 2425 2464 2520 2524 2564 2568 2570
205 23 168 169 249 264 316 362 370 419 455 465 577 581 631 686 850 902 918 979 1189 1253 1295 1342 1344 1480 1506 1509 1527 1696 1709 1811 1856 1929 1965 1971 2015 2048 2097 2121 2171 2183 2318 2564
206 4 56 226 235 264 279 282 284 429 489 805 819 965 969 984 1163 1367 1369 1376 1383 1402 1474 1631 1864 1988 2033 2038 2081 2082 2121 2122 2228 2464 2520 2524 2570
207 5 165 172 187 226 249 262 264 282 370 394 429 430 464 528 541 560 577 579 715 721 799 834 845 850 958 1129 1137 1158 1163 1367 1373 1383 1474 1506 1523 1531 1856 1897 1988 2030 2043 2105 2121 2193 2280 2432 2453 2460 2466 2487 2524 2564 2570
208 93 175 209 293 308 359 377 485 497 540 589 597 630 655 699 732 763 834 850 871 873 915 918 924 1154 1189 1256 1295 1327 1344 1399 1480 1506 1562 1581 1733 1794 1830 1847 1856 1884 1919 2174 2183 2386 2453 2533
209 88 93 169 172 187 226 249 264 279 293 357 370 376 465 577 630 697 850 918 1131 1154 1163 1183 1187 1344 1367 1383 1480 1506 1523 1578 1645 1709 1733 1794 1826 1856 1884 1901 2030 2121 2171 2193 2309 2386 2453 2464 2466 2524 2533 2553 2555 2570 2598
210 93 173 175 191 226 264 267 308 370 394 416 475 541 577 589 655 686 707 827 852 871 924 952 1148 1261 1383 1506 1510 1543 1556 1562 1645 1733 1794 1854 1856 1862 1875 1884 1901 2030 2032 2199 2221 2338 2355 2359 2386 2453 2466 2520 2570
211 56 64 83 226 232 235 264 277 282 422 426 429 489 686 751 799 928 965 1055 1056 1128 1171 1175 1361 1367 1370 1375 1376 1626 1667 1676 1808 1817 1835 1864 1875 1895 1910 2013 2032 2038 2040 2082 2110 2145 2172 2228 2236 2239 2261 2289 2451 2466 2564
212 4 56 64 226 264 279 282 422 458 489 686 751 804 922 928 949 965 1055 1163 1367 1369 1376 1377 1383 1474 1533 1626 1663 2013 2033 2088 2110 2125 2228 2239 2451 2464 2483 2520 2574
213 149 169 187 191 264 357 370 376 377 542 577 582 630 685 739 850 861 890 902 958 1031 1247 1327 1480 1506 1531 1627 1733 1796 1856 1877 1884 2058 2071 2162 2171 2186 2294 2359 2464 2505 2533
214 169 249 264 345 377 455 509 529 579 636 637 655 702 777 793 839 845 850 871 902 924 1250 1256 1279 1295 1327 1410 1480 1503 1506 1654 1696 1733 1796 1856 1877 1884 1929 1935 1941 2072 2212 2335 2365 2533
215 83 235 258 264 543 928 961 1027 1056 1651 1661 1667 1774 2088 2110 2145 2228 2573 2607
216 27 56 64 83 120 226 264 280 417 465 489 685 686 688 804 928 969 984 998 1060 1376 1377 1864 2038 2040 2075 2088 2110 2121 2228 2239 2406 2464
217 161 165 264 279 284 370 428 470 561 682 688 969 1060 1070 1377 1382 1726 2121 2228 2477 2564
218 168 226 249 293 304 370 459 470 560 569 625 686 829 850 851 852 958 1367 1373 1377 1783 1811 1820 1910 2048 2052 2075 2121 2193 2358 2437 2453 2564
219 23 92 168 249 370 529 547 845 850 979 1183 1199 1253 1279 1709 1805 1806 1820 1874 1922 2121 2193 2439
220 142 168 178 249 264 296 316 357 370 529 531 547 549 625 845 850 872 979 1083 1250 1328

1342 1410 1709 1749 1779 1806 1939 2121 2145 2533
221 5 165 187 194 226 264 282 370 394 416 430 733 799 841 845 852 870 965 1029 1129 1158 1367 1373 1376 1383 1474 1510 1611 1856 1857 1897 1988 2038 2048 2121 2122 2193 2280 2464 2466 2467 2506 2524 2564 2568 2570 2571
222 130 168 169 187 264 299 370 377 577 587 591 614 851 918 1083 1367 1383 1495 1670 1783 1820 1967 2018 2121 2183 2193 2451 2464 2466 2524 2570
223 169 187 226 264 293 377 416 417 465 497 577 579 589 630 674 690 702 707 733 834 839 850 871 1113 1148 1168 1279 1327 1367 1383 1480 1506 1794 1847 1856 1884 1929 2030 2071 2147 2171 2174 2190 2200 2294 2394 2438 2451 2464 2520 2533 2564 2570
224 5 149 194 226 229 277 282 394 428 465 470 481 487 561 616 686 751 800 819 965 1029 1163 1167 1367 1383 1403 1492 1631 1856 1886 1891 1897 1910 1938 1995 2013 2035 2038 2082 2083 2086 2458 2477 2483 2520 2524 2564
225 169 187 191 249 264 279 293 376 394 497 524 582 590 666 715 719 870 879 924 1137 1226 1279 1373 1477 1495 1526 1570 1571 1733 1772 1794 1856 1882 2058 2221 2280 2333 2349 2358 2464 2466 2520 2533 2564
226 75 169 194 264 279 282 308 394 429 432 438 590 733 789 799 800 803 819 825 958 1080 1367 1375 1383 1631 1635 1856 1874 1897 1988 2033 2038 2464 2483 2520 2574
227 169 187 191 249 264 293 357 376 377 465 630 737 770 839 850 860 890 1031 1242 1256 1295 1338 1339 1480 1526 1627 1733 1794 1825 1856 1884 2058 2171 2200 2221 2318 2453 2505 2594
228 75 188 264 279 282 370 394 417 439 590 633 733 789 799 800 803 819 870 958 1080 1261 1303 1373 1375 1398 1460 1485 1506 1548 1611 1631 1634 1856 1874 1884 1988 2030 2033 2038 2052 2280 2305 2340 2453 2464 2520
229 169 175 191 264 293 357 376 377 450 586 589 630 650 674 699 707 737 776 871 890 1162 1294 1327 1480 1506 1510 1571 1608 1627 1733 1794 1856 1874 1884 1916 1929 2058 2071 2200 2321 2322 2365 2518 2533 2553 2570 2594
230 87 169 264 308 345 357 376 394 411 455 485 497 531 553 555 581 588 595 655 705 733 737 766 776 861 870 879 880 886 1031 1131 1254 1256 1294 1327 1343 1393 1401 1410 1479 1480 1503 1506 1625 1630 1654 1772 1814 1856 1903 1927 1932 1939 1941 2058 2091 2097 2102 2183 2533 2594
231 75 161 169 187 246 264 279 293 370 394 416 444 450 579 589 597 655 674 766 803 850 851 924 1137 1242 1256 1301 1373 1383 1477 1526 1570 1631 1733 1740 1794 1856 1884 1927 2018 2077 2333 2429 2453 2464 2466 2520 2533 2553 2564 2571
232 169 175 184 264 279 345 357 376 497 582 586 596 630 674 698 699 737 770 850 861 879 890 1031 1116 1162 1256 1294 1327 1354 1477 1480 1509 1526 1607 1608 1733 1794 1820 1825 1856 1882 1916 1929 2030 2058 2071 2200 2320 2321 2453 2533 2594
233 165 264 267 282 284 481 686 733 778 789 800 819 972 1062 1261 1301 1383 1403 1477 1526 1611 1672 1794 1820 1856 1875 2030 2032 2121 2333 2453 2464 2467 2520 2564 2566 2594
234 188 249 264 279 837 986 1003 1069 1497 1509 1547 1655 1783 1813 1856 1965 2464
235 165 173 175 191 264 279 293 295 308 359 370 394 455 485 548 555 560 589 590 597 655 666 686 699 702 705 737 776 789 793 834 852 871 879 924 1137 1256 1301 1310 1327 1338 1343 1367 1373 1383 1480 1503 1512 1526 1733 1794 1814 1820 1847 1856 1884 1927 2030 2058 2071 2200 2226 2358 2368 2417 2464 2466 2520 2568 2594
236 56 165 226 264 279 489 682 685 686 690 803 986 989 1044 1055 1069 1190 1910 2121 2464 2520
237 169 357 411 497 630 637 655 793 850 879 1012 1031 1116 1169 1202 1279 1327 1371 1506 1510 1538 1547 1654 1709 1779 1783 1856 1901 1927 1957 2058 2121 2183 2453 2533
238 56 59 264 279 766 825 1055 1080 1383 1631 1820 1896 2453 2464
239 75 165 264 279 397 470 789 803 825 1055 1080 1190 1303 1631 1856 1862 2030 2200 2426 2520 2564 2574
240 75 163 165 172 175 226 264 279 282 370 390 416 438 455 470 475 494 524 555 589 630 674 737 751 776 803 860 871 952 1256 1261 1383 1507 1510 1512 1526 1645 1733 1794 1820 1847 1856 1884 1897 2030 2121 2226 2304 2365 2453 2467 2520 2568 2570
241 161 165 169 187 226 249 264 279 281 293 370 394 438 475 497 524 560 570 577 589 590 686 690 800 845 850 958 1163 1242 1279 1373 1383 1506 1510 1607 1608 1689 1856 1874 1988 2031 2121 2280 2340 2453 2464 2466 2467 2520 2564 2566
242 56 149 169 276 279 281 429 470 789 800 825 981 1044 1080 1303 1375 1377 1383 1503 1611 1631 1731 1820 2030 2038 2040 2121 2145 2239 2453 2466 2467 2511 2520 2564 2566 2570
243 19 165 169 226 249 264 293 370 394 429 455 624 686 719 850 870 958 1383 1510 1820 1884 1886 1988 2038 2280 2333 2464 2467 2533 2564
244 165 282 409 414 429 470 751 825 1055 1080 1533 1891 2007 2124 2520
245 161 165 169 172 194 264 370 423 438 529 800 845 850 1080 1137 1161 1374 1383 1510 1607 1608 1820 1857 1988 2030 2038 2048 2121 2261 2321 2453 2467 2504 2520 2564 2566 2570
246 5 64 165 194 226 264 267 284 370 371 423 424 429 458 487 501 512 628 682 686 799 851 922 928 965 1029 1087 1158 1376 1383 1406 1474 1626 1631 1651 1783 1856 1857 1862 1910 1988 2013 2033 2038 2075 2088 2110 2121 2122 2193 2228 2239 2261 2262 2440 2464 2477 2483 2496 2520 2564 2570
247 150 175 187 191 264 267 294 308 347 370 497 524 531 547 577 582 630 637 662 710 732 862 871 885 952 1189 1261 1328 1330 1333 1383 1431 1480 1506 1514 1537 1625 1746 1772 1794 1820 1826 1856 1884 1916 1935 2030 2058 2071 2121 2193 2199 2200 2206 2221 2359 2365 2391 2453 2533 2553 2568 2598
248 126 147 175 191 205 226 264 293 308 357 370 497 531 541 547 555 577 630 685 699 707 727 739 766 795 850 852 862 885 917 1256 1328 1403 1431 1480 1506 1514 1561 1654 1772 1820 1825 1856 1898 1932 1947 2030 2048 2052 2071 2200 2221 2365 2391 2520 2556 2564
249 2 56 88 136 150 165 226 308 362 422 459 497 529 612 705 710 845 879 1014 1044 1116 1144 1189 1250 1261 1311 1326 1327 1383 1393 1431 1480 1510 1562 1574 1654 1779 1806 1820 1856 1913 1941 1957 1971 2030 2121 2139 2193 2273 2520 2553 2564
250 5 18 30 165 187 231 264 282 370 394 541 577 579 591 628 705 733 799 819 845 851 852 958 1028 1137 1158 1188 1367 1373 1383 1474 1523 1526 1536 1820 1856 1884 1897 1988 2040 2048 2053 2147 2193 2250 2265 2280 2320 2425 2466 2467 2520 2524 2534 2564 2568 2570
251 211 235 264 266 428 489 688 928 961 1027 1651 1774 1793 1833 1864 1871 1894 2088 2110 2125 2138 2228 2239 2289 2440 2564 2601 2607
252 70 83 264 422 756 922 969 981 1055 1056 1367 1667 1738 1793 1820 1864 1871 1910 2040 2088 2121 2228 2239 2564
253 5 165 187 194 226 231 264 282 370 386 394 416 423 470 487 541 577 845 850 852 870 965 1029 1158 1163 1376 1377 1383 1474 1510 1856 1857 1886 1897 1988 2035 2038 2053 2075 2117 2121 2122 2193 2458 2466 2467 2490 2520 2524 2570 2584
254 168 169 293 308 357 455 552 637 655 766 852 871 873 874 886 1181 1247 1330 1393 1410 1480

1514 1526 1537 1605 1709 1749 1781 1806 1830 1856 1922 1935 1958 2022 2025 2058 2072 2168 2193 2200 2359 2365 2505 2534 2553
255 54 80 264 279 539 561 686 1003 1073 1087 1406 1684 1687 1731 1783 1820 1856 1864 2040 2121 2453 2564 2568
256 56 83 149 165 181 211 226 264 272 279 282 370 371 417 429 448 481 489 591 628 686 751 928 939 941 1055 1087 1163 1175 1362 1367 1369 1376 1377 1383 1626 1651 1738 1793 1864 1894 2030 2040 2075 2076 2081 2110 2121 2125 2145 2158 2261 2289 2464 2467 2483 2506 2564 2568 2570 2599
257 74 130 165 169 187 226 282 387 455 560 820 870 1158 1373 1383 1474 1485 1882 1884 1897 2000 2038 2052 2121 2265 2280 2320 2452 2464 2520 2570
258 18 37 53 142 169 249 264 293 306 364 370 465 529 549 577 845 850 979 1187 1250 1253 1279 1311 1338 1410 1607 1683 1709 1749 1806 1820 1856 1925 1947 1962 1977 2030 2121 2193 2304 2453 2553 2570
259 70 264 458 981 998 1003 1864 1910 2111 2228 2453 2564 2575
260 83 231 264 279 370 371 428 432 751 800 819 836 958 1056 1123 1171 1175 1377 1383 1386 1403 1684 1820 1871 1874 1988 2013 2082 2120 2261 2425 2453 2464 2511 2564 2575 2581
261 83 165 235 264 279 370 371 422 429 470 489 751 928 961 1045 1087 1361 1377 1402 1533 1626 1651 1660 1677 1820 1864 1894 2013 2042 2082 2110 2125 2228 2239 2564 2601 2607
262 145 168 241 249 279 359 459 552 633 819 850 958 1262 1393 1569 1707 1855 1941 2338 2425
263 267 549 578 701 806 825 1003 1006 1045 1079 1087 1190 1266 1327 1686 1687 1783 1856 1967 2145 2453 2574
264 5 165 187 264 267 279 282 370 377 417 512 562 577 579 686 712 733 819 841 850 870 1028 1158 1367 1376 1382 1383 1474 1548 1820 2048 2075 2121 2125 2145 2193 2194 2239 2334 2453 2464 2466 2524 2568 2570
265 70 258 293 422 470 928 1027 1056 1651 1661 1667 1774 1864 2088 2110 2228
266 279 370 529 763 977 1608 1783 1820 1874 1910 1965 2030
267 129 186 191 262 264 282 293 497 524 555 577 582 630 658 674 739 766 791 850 873 879 972 1116 1132 1148 1222 1256 1327 1383 1393 1510 1518 1526 1563 1607 1608 1645 1654 1779 1794 1820 1856 1874 1875 1884 1939 1971 2030 2048 2058 2071 2121 2164 2193 2200 2221 2355 2359 2400 2453 2564 2568
268 149 165 169 187 226 264 267 279 282 293 308 345 357 370 577 630 686 705 710 799 850 874 1031 1163 1181 1256 1321 1327 1367 1371 1383 1477 1526 1531 1571 1607 1608 1616 1733 1795 1820 1856 1884 1910 1922 2011 2030 2048 2058 2071 2072 2121 2164 2193 2200 2221 2280 2295 2376 2453 2464 2524 2534 2553 2564 2568 2570 2594
269 226 264 422 489 800 941 981 999 1055 1056 1525 1805 1864 1875 2110 2228 2255 2575
270 181 194 264 282 370 377 416 422 577 620 628 733 751 789 799 928 1029 1189 1303 1376 1383 1503 1626 1631 1794 1820 1856 1884 2030 2032 2035 2110 2125 2145 2221 2237 2261 2453 2464 2483 2506 2520 2570 2598
271 5 84 149 165 226 279 282 426 432 470 489 686 751 803 841 928 1029 1156 1369 1383 1631 1658 1820 1886 1891 1895 1897 1908 2013 2038 2040 2048 2088 2105 2121 2464 2476 2520 2564 2566 2570 2599
272 165 169 249 264 279 293 579 633 733 789 803 826 850 1080 1163 1198 1261 1327 1403 1506 1548 1631 1733 1783 1856 1884 1971 2030 2071 2121 2333 2453 2464 2520 2570
273 27 56 264 276 279 281 751 756 800 824 825 1055 1383 1527 1631 1862 1864 1875 2406 2425 2453 2574
274 279 489 505 529 986 1044 1055 1069 1081 1531 1856 1864 2453 2467 2575
275 264 279 370 394 579 712 803 819 825 850 958 984 1043 1079 1113 1502 1503 1510 1548 1631 1634 1783 1856 1874 2038 2121 2200 2338 2464
276 986 1003 1036 1044 1055 1069 1081 2453
277 27 264 756 825 1003 1044 1055 1069 1114 1190 1631 1864 1971 2072 2406 2453 2464 2511
278 54 169 187 249 264 279 293 298 377 497 524 597 737 754 834 879 972 1148 1256 1383 1506 1733 1772 1794 1820 1826 1856 1874 1884 1954 2401 2453 2460 2467 2520 2533 2570
279 264 282 825 984 985 1024 1069 1783 1856 1875 2453
280 68 169 249 279 293 497 545 555 579 597 625 699 732 839 850 879 891 1131 1148 1254 1256 1261 1327 1393 1399 1479 1506 1537 1564 1571 1733 1772 1794 1856 1882 1927 1947 2071 2212 2349 2359 2381 2453 2539 2594
281 169 187 249 264 279 356 370 376 377 552 579 625 630 702 729 733 839 845 850 851 852 879 958 1163 1226 1256 1279 1283 1327 1345 1373 1410 1503 1506 1564 1733 1742 1794 1825 1856 1884 1927 1954 2018 2058 2071 2168 2183 2333 2401 2453 2464 2533 2570 2594
282 147 165 173 191 213 264 276 279 477 524 555 655 666 794 871 958 1153 1327 1383 1480 1506 1772 1794 1820 1856 1859 1884 2030 2038 2239 2365 2453 2467 2520 2564 2571
283 68 169 175 249 279 293 357 497 552 589 597 699 737 766 788 839 850 879 1116 1131 1189 1247 1256 1326 1327 1399 1410 1480 1503 1506 1564 1571 1733 1749 1794 1822 1847 1856 1884 1927 1932 1954 2058 2071 2183 2333 2453 2539 2594
284 54 68 126 169 175 187 279 293 377 497 630 663 729 754 766 843 850 871 1148 1247 1256 1330 1432 1503 1506 1509 1538 1547 1570 1571 1608 1613 1620 1733 1794 1814 1820 1825 1830 1856 1884 1927 1954 2000 2030 2055 2072 2189 2221 2333 2400 2453 2530 2531 2533 2546 2553 2594
285 75 169 241 249 264 279 282 370 394 404 473 475 579 589 633 733 751 789 803 819 824 826 958 984 1261 1303 1383 1460 1503 1631 1855 1856 1884 2038 2072 2084 2305 2453 2464 2564 2578
286 56 264 267 279 384 549 756 799 1045 1069 1073 1123 1503 1717 1730 1774 1864 1965 2093
287 126 172 187 194 233 264 270 279 282 377 416 577 733 751 799 845 958 1042 1198 1272 1303 1373 1503 1506 1531 1608 1631 1783 1820 1856 1862 1897 2038 2052 2145 2280 2425 2451 2453 2520 2564 2568 2570
288 84 165 264 267 279 282 458 686 688 837 1055 1383 1533 1631 1635 1717 1783 1862 1864 1910 2110 2153 2237 2242 2406 2520
289 51 103 160 173 176 178 191 249 308 347 357 359 373 405 455 485 548 585 611 637 655 732 767 850 857 879 885 900 952 1146 1240 1269 1315 1354 1414 1506 1537 1562 1592 1635 1637 1779 1811 1856 1913 1932 1933 2072 2180 2196 2205 2220 2221 2282 2370 2399 2505
290 165 172 264 279 473 475 579 958 1383 1495 1538 1616 1938 2030 2048 2072 2340 2435 2451 2564
291 73 155 291 364 708 976 1014 1043 1063 1087 1123 1185 1259 1315 1339 1503 1527 1536 1562 1579 1783 1856 1971 2072 2102 2103 2133 2272 2574
292 168 175 187 191 218 293 308 357 455 537 547 583 597 626 637 862 1106 1115 1247 1330 1414 1503 1506 1592 1608 1625 1637 1654 1709 1779 1794 1856 1884 1913 1954 2058 2167 2226 2318 2373 2389 2456 2505 2533 2553 2555
293 155 173 191 195 227 333 357 485 497 548 769 983 1004 1043 1094 1139 1184 1238 1245 1282 1301 1315 1393 1452 1471 1512 1561 1564 1635 1753 1757 1772 1796 1856 1945 1957 2102 2104 2221 2300 2365 2529
294 384 549 756 784 1002 1003 1045 1069 1087 1190 1200 1201 1244 1729 1739 1759 1784 2343 2475 2574
295 756 992 1003 1044 1045 1190 1244 1684 1729 1731 1759 1774 1784 1971 2453 2575

296 83 928 1021 1087 1509 1730 1776 2110 2440
297 173 191 227 308 321 333 359 379 405 468 548 630 637 705 732 879 886 896 1048 1106 1131 1245 1247 1250 1330 1342 1393 1503 1506 1542 1561 1637 1779 1783 1856 1904 1941 2056 2133 2153 2220 2221 2282 2283 2451 2505
298 117 172 264 279 282 428 470 958 1038 1055 1259 1497 1631 1634 1724 1783 1856 1862 1873 2257
299 165 229 279 282 283 377 387 428 591 837 1082 1158 1383 1803 1820 1886 1910 1988 2030 2040 2052 2104 2244 2261 2280 2340 2437 2453 2466 2467 2488 2520 2564 2584
300 45 549 993 1001 1003 1056 1087 1705 1712 1739 1762 1784 1871
301 168 175 178 187 191 308 324 377 589 630 637 705 733 775 850 870 1247 1256 1330 1339 1480 1503 1506 1510 1538 1620 1779 1783 1794 1856 1882 1952 2018 2071 2221 2226 2346 2373 2456 2520 2533 2552 2555
302 35 264 279 282 928 997 1003 1045 1055 1094 1123 1201 1503 1631 1731 1793 1864 1871 2088 2110 2145 2228
303 1003 1056 1738 1739 1762
304 173 175 178 191 308 357 485 497 547 548 585 655 732 862 885 952 1048 1094 1240 1247 1301 1330 1480 1506 1514 1542 1549 1571 1654 1796 1856 1903 1927 2196 2221 2282 2554
305 165 172 194 264 279 283 409 416 458 481 544 1038 1093 1303 1383 1547 1631 1635 1856 1862 1910 2030 2033 2035 2038 2086 2088 2110 2198 2261 2281 2425 2520 2561 2570
306 114 167 173 191 246 264 269 279 311 342 434 461 530 535 555 609 660 691 731 757 843 869 908 942 1261 1268 1354 1383 1398 1405 1518 1542 1607 1608 1652 1654 1773 1794 1856 1884 1932 1956 2030 2048 2071 2089 2154 2156 2168 2174 2200 2303 2331 2467 2520 2564 2568 2570
307 26 172 264 269 416 475 516 535 791 843 918 1131 1137 1354 1383 1433 1446 1497 1503 1506 1773 1820 1856 1884 2030 2033 2035 2038 2190 2223 2345 2365 2444 2460 2466 2467 2485 2520 2570
308 102 147 168 213 264 269 279 289 339 370 372 376 475 541 577 630 799 800 869 918 922 1158 1163 1383 1473 1474 1506 1607 1611 1669 1794 1856 1910 2110 2190 2193 2438 2453 2460 2464 2467 2485 2520 2564 2568 2570
309 5 132 162 165 226 284 422 487 505 506 526 541 575 591 719 751 809 832 841 919 928 965 1163 1302 1369 1383 1389 1677 1678 1875 1938 1988 2081 2110 2117 2121 2126 2138 2248 2251 2261 2451 2464 2466 2477 2483 2519 2564 2571 2576
310 5 39 226 264 282 284 412 423 591 628 719 751 799 851 852 920 928 1299 1383 1474 1717 2035 2038 2079 2081 2083 2172 2261 2290 2297 2451 2466 2483 2520 2564 2570
311 4 5 149 165 181 264 282 437 445 458 575 616 686 928 965 1012 1018 1168 1383 1474 1661 1665 1826 1833 1841 2001 2032 2081 2085 2086 2110 2172 2228 2238 2239 2246 2261 2467 2477 2483 2564 2584 2603
312 38 132 162 165 187 226 229 282 394 438 487 505 561 575 591 616 628 804 845 852 944 965 1137 1158 1168 1383 1612 1617 1833 1841 1910 2030 2032 2035 2043 2116 2193 2464 2477 2523 2524 2527 2564
313 130 149 169 226 305 686 943 1000 1016 1239 1474 1615 1617 1709 1841 2032 2035 2086 2371 2463 2464 2494 2520 2564 2570
314 165 187 226 229 269 301 370 377 416 417 438 560 566 591 685 715 804 845 851 852 965 1158 1163 1168 1367 1383 1474 1737 1783 1886 1988 2035 2105 2117 2121 2122 2193 2201 2336 2427 2431 2451 2464 2466 2520 2524 2527 2535 2564 2568 2570
315 4 5 76 132 194 258 264 277 284 416 428 487 505 568 574 628 686 691 713 751 804 832 950 965 970 1029 1302 1383 1677 1910 1938 2013 2110 2113 2114 2158 2228 2245 2261 2462 2464 2483 2564
316 130 169 269 364 370 475 526 552 560 562 591 827 834 845 850 1257 1357 1383 1611 1720 1920 1988 2117 2121 2441 2451 2464 2466 2524 2564
317 114 169 311 343 363 449 453 464 547 630 653 659 679 762 852 857 869 918 942 1122 1183 1320 1488 1506 1669 1720 1772 1794 1838 1912 1934 1992 2190 2211 2365 2438 2460 2485 2505 2536 2577 2598
318 5 149 165 249 264 279 282 284 423 487 533 575 607 616 686 713 800 809 920 928 965 969 1000 1029 1367 1369 1376 1383 1474 1626 1826 1833 1862 1883 1938 2001 2013 2032 2081 2129 2172 2464 2476 2481 2483 2524 2527 2564 2599
319 1 13 226 257 264 284 408 458 489 505 575 681 686 832 922 928 961 1029 1163 1224 1302 1462 1626 1657 1793 1841 1910 1938 2078 2085 2110 2158 2228 2237 2239 2269 2464 2483 2519 2522 2564 2602
320 165 194 226 264 269 277 279 318 339 475 660 672 762 789 845 869 918 1153 1183 1226 1285 1354 1383 1503 1607 1608 1611 1652 1779 1794 1856 2030 2048 2071 2104 2105 2174 2193 2337 2453 2460 2467 2520 2564 2565 2568 2570 2571
321 4 92 130 149 264 277 437 438 458 577 616 628 691 799 804 965 1000 1383 1474 1611 1709 1833 1838 1988 2001 2013 2035 2081 2086 2121 2337 2451 2464 2519 2524 2526 2570
322 72 173 264 269 284 330 434 475 524 791 792 942 1285 1332 1383 1433 1484 1794 1856 1884 1953 1956 2035 2071 2365 2456 2467 2520
323 5 132 149 165 226 264 271 279 284 394 417 432 434 470 481 487 505 560 566 568 616 619 628 685 686 687 799 845 965 1029 1129 1134 1137 1163 1173 1277 1288 1367 1382 1383 1474 1631 1833 1836 1856 1862 1910 1938 2001 2013 2035 2042 2084 2110 2121 2124 2126 2137 2158 2228 2240 2451 2464 2483 2520 2524 2564 2570
324 13 132 165 169 194 264 282 284 458 591 619 628 789 809 922 965 1000 1163 1338 1376 1383 1474 1500 1611 1766 1938 2035 2048 2246 2248 2261 2438 2451 2464 2483 2520 2564 2568 2570
325 5 38 130 132 162 165 249 282 387 412 430 431 505 560 566 591 616 628 715 751 799 804 845 850 948 956 965 1137 1168 1198 1299 1369 1372 1373 1375 1383 1474 1611 1617 1671 1722 1823 1841 1910 1988 2038 2043 2081 2083 2172 2193 2246 2286 2457 2464 2466 2527 2564 2568 2570
326 4 165 264 267 277 282 284 305 370 423 430 489 504 591 614 686 756 1000 1013 1066 1163 1367 1376 1383 1474 1611 1833 1883 1910 2013 2035 2081 2089 2218 2286 2451 2464 2466 2494 2564 2568 2570
327 165 504 928 951 969 1462 1474 1691 1793 2032 2035 2464 2564 2570 2571
328 165 226 282 426 504 591 628 686 920 928 965 1158 1383 1611 1768 1783 1793 1857 1894 1910 2013 2035 2110 2117 2246 2258 2464 2483 2524 2564 2570
329 37 56 64 83 149 181 226 231 264 280 282 370 416 417 426 481 489 493 529 577 616 686 688 799 928 1055 1056 1163 1175 1369 1370 1376 1377 1383 1386 1474 1738 1816 1864 1871 1910 1935 2013 2038 2040 2075 2081 2082 2121 2125 2193 2228 2289 2290 2451 2464 2477 2524 2564
330 226 235 258 264 277 422 928 961 1027 1036 1359 1383 1667 1774 2088 2165 2228 2256 2261 2607
331 23 168 169 249 299 310 364 509 550 625 825 845 850 985 1108 1199 1279 1383 1514 1578 1709 1723 1783 1965 1968 2018 2030 2121 2355
332 5 54 56 187 279 377 417 465 489 493 577 685 819 837 845 984 1028 1081 1137 1163 1175 1376 1377 1383 1474 1503 1604 1631 1684 1732 1765 1856 1910 1971 2030 2038 2048 2075 2121 2122 2457 2464 2520 2524 2570
333 14 142 150 170 316 317 356 376 552 585 587 639 642 776 850 872 979 1084 1085 1174 1181 1183 1250 1256 1271 1328 1410 1429 1531 1568 1703 1706 1749 1806 1856 1874 1906 1939 1979 2058 2145 2171 2411 2533 2538

334 29 38 165 172 264 279 282 416 529 570 577 799 841 845 851 852 1158 1198 1367 1383 1507 1510 1511 1531 1604 1607 1631 1820 1856 1857 1862 1910 1994 2030 2035 2038 2081 2105 2129 2193 2265 2281 2425 2453 2520 2524 2564 2568 2570

335 74 132 169 187 229 249 264 281 370 394 416 423 430 497 525 548 577 582 591 616 628 688 719 733 751 799 850 965 1129 1131 1137 1158 1168 1198 1329 1383 1403 1404 1474 1506 1507 1637 1833 1856 1862 1884 1988 2032 2035 2040 2105 2129 2158 2172 2258 2464 2466 2520 2524 2568 2570

336 5 187 264 279 282 284 416 455 487 512 582 591 628 751 799 832 841 850 928 965 1029 1129 1158 1163 1277 1369 1383 1474 1507 1514 1765 1817 1857 1886 1895 2038 2081 2110 2111 2122 2126 2172 2457 2464 2466 2520 2524 2564 2568 2571

337 79 168 169 226 247 310 362 417 451 509 633 685 825 845 850 929 1097 1199 1257 1325 1327 1344 1367 1383 1578 1708 1725 1732 1765 1811 1966 1968 2075 2121 2442 2533

338 211 235 258 264 271 279 282 422 568 751 954 962 1027 1087 1090 1361 1367 1383 1402 1626 1651 1667 1677 1678 1738 1878 2033 2035 2082 2239 2255 2261 2524 2607

339 56 64 83 226 264 279 409 416 429 561 577 616 628 686 751 928 939 947 965 969 1056 1087 1163 1175 1225 1367 1368 1369 1377 1402 1604 1611 1631 1651 1657 1661 1667 1863 1864 1910 2013 2033 2081 2110 2121 2129 2145 2172 2228 2239 2252 2290 2422 2451 2464 2477 2524 2564 2566 2603

340 226 235 258 264 279 282 422 425 426 428 470 489 568 686 751 928 961 962 965 1008 1055 1081 1128 1171 1361 1367 1369 1370 1376 1383 1402 1533 1661 1667 1677 1864 1866 2007 2013 2040 2043 2082 2110 2125 2228 2237 2239 2261 2289 2457 2570

341 181 187 264 282 364 422 470 480 489 628 825 1057 1163 1474 1631 1820 1866 1910 1965 2030 2032 2033 2048 2145 2261 2290 2453 2464 2570 2573 2574

342 56 80 187 264 272 370 417 459 541 686 941 969 981 984 1113 1114 1163 1225 1369 1370 1376 1377 1383 1474 1608 1818 1910 1968 1988 2013 2030 2038 2040 2121 2125 2453 2464 2524 2564 2570

343 187 226 264 279 282 377 416 465 541 838 850 984 1060 1137 1163 1383 1474 1631 1637 1820 1886 1910 2032 2033 2035 2052 2121 2193 2334 2425 2451 2464 2520 2524 2568 2570

344 12 45 77 264 458 927 928 941 998 1056 1073 1361 1376 1626 1731 1738 1805 1864 2040 2451 2464 2564

345 5 64 149 165 187 226 264 279 282 416 470 489 591 616 751 804 928 1055 1056 1060 1081 1113 1163 1369 1376 1383 1626 1631 1820 1886 1910 2033 2121 2125 2228 2296 2457 2464 2520 2524 2564 2570

346 115 150 168 316 329 359 396 455 585 586 850 879 979 1053 1169 1253 1283 1348 1410 1527 1551 1569 1709 1749 1811 1849 1916 1936 1939 1959 1962 2442 2546 2556

347 149 165 370 394 416 465 472 560 570 603 838 845 850 869 1138 1158 1367 1372 1373 1383 1604 1607 1608 1803 1817 1820 1886 1897 1988 2030 2033 2035 2038 2105 2193 2194 2232 2265 2271 2280 2334 2336 2340 2358 2425 2437 2453 2466 2467 2520 2524 2564 2568

348 146 226 264 279 282 417 459 529 625 633 686 984 1383 1855 1875 1876 2075 2121 2145 2453 2464 2564 2570

349 65 177 306 310 357 541 547 642 764 872 918 1025 1084 1183 1295 1342 1506 1507 1620 1627 1703 1706 1794 1856 2072 2171 2206 2226 2505 2534 2555

350 149 267 279 686 1003 1043 1046 1060 1066 1383 1509 1607 1631 1637 1820 1862 1874 1910 1965 2030 2033 2035 2072 2105 2193 2520 2564 2566 2570

351 71 88 187 226 264 305 370 377 416 541 577 591 614 616 630 799 850 918 1000 1137 1168 1361 1383 1447 1474 1620 1645 1670 1719 1794 1856 1992 2030 2032 2121 2451 2464 2466 2520 2524 2564 2570

352 56 258 264 756 928 1029 1055 1666 2080 2110 2228 2229 2410 2606

353 5 109 165 226 282 284 408 422 426 489 575 591 593 616 628 686 851 920 928 965 1029 1128 1163 1308 1369 1376 1383 1474 1825 1841 2013 2032 2038 2043 2048 2081 2085 2116 2125 2239 2261 2290 2453 2466 2527 2564 2570

354 44 123 130 169 170 187 377 504 591 614 616 918 1183 1199 1317 1383 1594 1626 1670 2121 2193 2451 2464 2524 2570

355 5 165 226 231 282 304 305 394 416 423 429 510 577 591 686 715 751 799 809 820 850 922 1129 1137 1163 1166 1168 1214 1373 1383 1403 1474 1611 1615 1722 1751 1825 1833 1886 1910 1988 2032 2035 2043 2121 2126 2172 2193 2437 2451 2464 2466 2507 2520 2524 2527 2564 2568 2570

356 132 165 211 253 257 264 410 417 425 429 504 505 575 628 684 686 691 713 800 927 928 965 1087 1224 1361 1376 1383 1462 1657 1666 1677 1793 1894 1896 1910 2013 2033 2085 2110 2139 2158 2228 2239 2242 2248 2261 2302 2440 2464 2477 2483 2497 2526 2564

357 38 180 187 360 408 430 438 504 510 591 686 715 965 1129 1137 1158 1383 1474 1611 1709 2032 2193 2451 2464 2466 2526 2527 2570

358 5 13 165 168 187 264 282 394 408 416 422 438 560 561 562 570 591 616 719 751 804 845 851 928 965 969 1029 1163 1299 1369 1383 1474 1611 1988 2037 2038 2081 2085 2117 2193 2261 2453 2464 2466 2476 2483 2507 2524 2564 2570

359 5 149 165 258 264 282 410 422 489 504 505 575 616 628 713 751 928 934 961 965 1029 1087 1134 1137 1138 1163 1368 1369 1376 1383 1402 1657 1789 1910 1938 2032 2042 2043 2080 2081 2085 2110 2116 2123 2228 2239 2246 2261 2292 2483 2524 2526 2527 2564 2570 2604 2608

360 5 109 132 165 264 410 438 487 512 575 591 616 628 686 713 751 841 845 965 970 1089 1128 1129 1158 1163 1206 1369 1383 1402 1474 1657 1691 1857 1910 1938 1988 2038 2043 2113 2114 2116 2126 2127 2172 2246 2261 2443 2466 2524 2527 2564 2576

361 5 30 38 93 165 168 187 264 364 438 591 628 719 756 799 804 823 965 996 1029 1129 1163 1168 1183 1264 1376 1474 1611 1825 1833 1841 1988 1996 2116 2121 2237 2337 2451 2464 2466 2507 2524 2568 2570 2587

362 38 79 165 169 264 269 282 360 370 458 504 541 703 799 918 1000 1025 1137 1383 1611 1670 1709 1833 2035 2048 2059 2075 2121 2453 2464 2466 2507 2524 2564 2568 2570

363 165 226 229 282 284 370 387 417 423 429 458 481 561 591 686 691 841 845 852 1163 1299 1367 1374 1383 1395 1462 1474 1825 1886 1910 2172 2178 2193 2427 2453 2469 2479 2520 2527 2564 2570

364 13 32 64 149 187 264 279 282 370 438 504 591 607 616 628 713 751 799 851 965 1018 1066 1088 1137 1198 1299 1369 1376 1383 1833 1862 2032 2075 2081 2082 2172 2290 2451 2464 2524 2527 2568 2570

365 5 132 165 187 226 249 264 284 348 370 394 423 438 516 591 619 628 670 726 799 800 809 851 922 958 1129 1137 1158 1163 1205 1216 1226 1230 1272 1369 1383 1386 1474 1497 1500 1649 1824 1856 2033 2038 2077 2114 2122 2193 2238 2261 2263 2337 2427 2464 2466 2520 2524 2568 2570 2572 2578

366 117 135 165 249 264 394 423 434 438 449 475 591 599 619 657 731 799 800 958 975 1159 1205 1354 1373 1383 1386 1484 1500 1512 1547 1555 1736 1856 1874 1884 1910 2174 2227 2233 2261 2263 2337 2346 2365 2464 2466 2520 2564 2570 2572 2581

367 165 194 222 249 264 279 285 348 370 423 426 427 434 438 449 498 560 591 619 634 657 670 694 711 735 789 800 845 922 958 1103 1112 1158 1205 1221 1354 1373 1383 1386 1500 1518 1736 1856 1859 1874 1884 1899 1934 1988 2014 2038 2051 2261 2263 2445 2453 2480 2519 2520 2568 2572 2576 2578 2596

368 165 173 264 335 434 498 634 869 922 958 1153 1380 1383 1406 1773 1859 1877 1884 2306 2451 2487 2596
369 114 187 226 249 264 269 299 370 380 394 423 434 438 475 590 734 780 800 850 888 1158 1221 1226 1236 1313 1332 1354 1373 1383 1400 1498 1512 1555 1607 1608 1716 1773 1794 1795 1850 1856 1884 1904 1910 2030 2048 2071 2174 2193 2295 2351 2466 2467 2520 2524 2564 2568 2570 2596
370 114 169 226 262 269 279 339 370 475 495 561 562 669 685 686 762 789 869 1122 1131 1298 1354 1383 1459 1484 1516 1526 1555 1608 1794 1856 1884 1904 1932 2009 2030 2071 2104 2122 2174 2191 2193 2295 2335 2351 2365 2415 2453 2466 2467 2475 2520 2525 2590
371 5 76 187 264 282 284 422 426 432 487 505 575 591 619 628 686 800 809 832 922 928 938 950 965 1029 1277 1367 1369 1376 1382 1383 1458 1462 1474 1604 1891 1895 1910 1938 2001 2013 2038 2081 2085 2110 2121 2158 2238 2239 2246 2253 2261 2291 2451 2464 2466 2504 2564 2568 2570
372 114 165 169 269 346 372 475 577 614 669 679 686 737 762 852 869 918 1204 1367 1383 1433 1506 1607 1608 1645 1747 1795 1820 1825 1829 1856 1910 1912 2008 2012 2030 2071 2122 2174 2193 2261 2337 2415 2453 2463 2464 2494 2520 2564 2568
373 116 125 181 194 264 282 422 426 432 461 498 516 619 686 809 922 965 1177 1341 1371 1383 1406 1474 1862 1983 2001 2048 2081 2110 2117 2251 2371 2453 2465 2467 2476 2564 2568
374 55 249 299 394 434 438 464 475 523 590 607 696 720 830 850 925 1383 1386 1484 1547 1778 1821 1856 1874 1934 2051 2174 2346 2400 2533 2578
375 55 135 249 264 370 394 423 434 438 590 696 710 800 821 830 845 850 1119 1158 1220 1275 1367 1373 1383 1484 1544 1547 1582 1597 1608 1778 1783 1856 1877 1934 1988 2014 2030 2121 2131 2173 2174 2193 2320 2365 2427 2428 2431 2451 2464 2466 2520 2533
376 5 165 169 262 394 402 491 560 569 570 571 670 685 789 863 1300 1383 1484 1690 1856 2035 2105 2193 2207 2233 2249 2321 2358 2427 2431 2451 2564
377 114 187 313 343 376 449 453 545 630 669 679 710 776 850 851 852 865 918 1320 1512 1526 1595 1747 1794 1826 1831 1884 1912 1914 1990 2009 2021 2048 2190 2208 2214 2453 2546
378 55 169 187 249 262 264 269 370 394 438 464 506 552 591 607 630 696 704 719 726 731 751 799 800 819 822 829 834 851 969 1129 1158 1163 1180 1205 1319 1367 1371 1373 1383 1403 1474 1484 1547 1555 1608 1751 1783 1856 1862 1884 1910 1934 2040 2089 2121 2174 2193 2337 2453 2464 2466 2564 2568 2570 2572
379 116 182 217 266 516 623 920 1612 1839 1862 1895 1961 1983 2001 2027 2044 2111 2261 2371 2413 2440 2572
380 75 129 165 172 191 194 233 264 282 339 370 423 475 497 544 555 570 630 658 669 757 871 952 1303 1332 1343 1367 1383 1406 1423 1485 1510 1526 1616 1626 1647 1794 1820 1856 1950 1988 2030 2032 2048 2071 2137 2193 2320 2359 2365 2467 2520 2536 2568 2590
381 165 172 213 226 248 276 290 370 394 397 416 475 481 579 634 666 686 789 791 798 800 816 850 907 980 1080 1105 1131 1261 1273 1303 1319 1382 1383 1398 1436 1460 1474 1485 1518 1528 1547 1614 1616 1630 1634 1639 1820 1856 1884 1897 1903 1983 1988 2032 2048 2072 2117 2121 2175 2263 2280 2340 2359 2417 2453 2467 2475 2487 2520 2564 2568 2570
382 165 231 241 264 265 276 370 424 434 439 475 590 693 751 789 799 843 850 1080 1103 1110 1146 1166 1303 1319 1382 1383 1460 1607 1608 1610 1616 1631 1820 1856 1888 1891 2032 2038 2048 2070 2084 2117 2121 2193 2321 2340 2377 2458 2467 2502 2568 2579 2590
383 5 165 194 226 249 264 282 370 424 439 487 658 719 723 751 789 800 804 845 852 968 1080 1102 1103 1166 1356 1369 1373 1382 1383 1406 1411 1460 1507 1520 1634 1856 1886 1891 1897 2038 2052 2084 2105 2137 2250 2280 2377 2453 2464 2467 2486 2502 2520 2528 2564
384 16 172 194 226 246 278 397 423 434 439 475 524 526 579 724 751 789 819 845 852 869 888 968 980 1080 1103 1110 1116 1147 1158 1231 1261 1319 1383 1386 1460 1474 1507 1510 1656 1856 1988 2070 2117 2280 2377 2408 2414 2416 2417 2458 2467 2514 2528 2596
385 5 165 194 264 267 283 423 429 458 789 798 799 922 1027 1080 1303 1383 1445 1460 1533 1547 1626 1631 1856 1871 1891 2072 2084 2520 2564
386 5 172 226 280 370 394 423 439 460 473 579 634 733 789 922 964 1080 1158 1356 1383 1518 1526 1629 1856 1884 1897 1988 2030 2036 2038 2048 2121 2137 2263 2453 2458 2464 2467 2520 2524 2568 2570 2572 2578 2584
387 128 129 173 308 345 498 514 515 579 586 589 658 705 734 766 783 819 839 843 850 873 892 924 1080 1260 1318 1383 1397 1414 1506 1510 1518 1562 1570 1605 1607 1654 1779 1794 1856 1877 1884 1942 1958 2136 2200 2299 2365 2380 2453 2460 2539 2586 2588
388 165 192 194 370 397 423 458 466 475 476 481 555 570 666 669 686 751 789 791 850 870 907 980 1319 1326 1380 1383 1398 1406 1445 1474 1512 1616 1820 1859 2030 2032 2035 2048 2070 2117 2280 2453 2467 2520 2564 2568 2570 2571
389 5 165 194 226 231 241 279 370 386 392 414 416 424 432 458 475 487 560 576 599 685 686 693 751 789 804 852 964 968 1029 1080 1103 1110 1373 1383 1386 1395 1460 1512 1522 1634 1820 1856 1886 1891 1897 1938 2038 2084 2106 2137 2147 2250 2377 2458 2467 2480 2486 2504 2520 2528
390 153 173 226 345 397 526 549 588 666 734 850 861 892 893 911 995 1002 1096 1110 1319 1327 1379 1400 1506 1510 1518 1531 1547 1607 1637 1647 1779 1820 1856 1877 1903 1922 1942 1943 2048 2164 2359 2417
391 165 241 370 475 526 529 741 807 907 971 980 1096 1110 1213 1326 1379 1383 1403 1518 1634 1925 2048 2146 2341 2375 2467
392 68 175 186 241 246 293 345 370 475 526 555 566 579 588 666 761 791 839 843 868 873 980 995 1110 1116 1256 1327 1379 1383 1417 1480 1506 1510 1512 1518 1531 1607 1608 1634 1779 1794 1856 1932 2048 2070 2193 2194 2226 2359 2365 2370 2390 2417 2453 2467
393 5 165 172 194 222 223 226 248 282 370 424 473 475 560 562 579 591 751 789 845 958 964 965 1080 1103 1116 1158 1319 1356 1373 1376 1383 1460 1474 1607 1616 1820 1856 1886 1891 1897 1988 2013 2038 2048 2077 2193 2250 2263 2280 2321 2340 2377 2453 2458 2464 2467 2486 2524 2564 2568 2570 2571 2572
394 249 282 475 529 977 1518 1634 1875 2070 2146 2425 2453 2458 2464 2467
395 119 153 173 240 246 248 345 351 526 529 579 666 764 845 850 882 892 893 905 995 1278 1285 1379 1400 1424 1464 1503 1510 1526 1537 1562 1607 1647 1772 1856 1877 1903 1939 1959 2048 2073 2146 2163 2200 2320 2349 2556
396 153 191 345 355 529 548 588 666 783 850 882 892 905 952 995 1096 1110 1213 1383 1417 1427 1463 1503 1506 1510 1779 1830 1856 1875 1933 1936 2320 2370 2375 2417 2458 2470
397 165 172 241 248 264 279 282 370 397 417 424 475 577 666 686 799 971 980 1080 1104 1213 1261 1303 1319 1326 1373 1379 1383 1386 1460 1474 1518 1607 1611 1616 1634 1820 1856 1988 2030 2032 2038 2048 2117 2118 2121 2122 2139 2193 2426 2464 2466 2467 2514 2520 2564 2568 2578 2579
398 56 75 165 194 264 265 279 283 686 751 800 831 1055 1080 1303 1383 1631 1634 1820 1856 1877 2032 2084 2137 2257 2425 2467 2502
399 5 172 194 233 264 284 423 513 683 922 1054 1080 1130 1361 1626 1786 1893 2137 2261

400 153 165 172 240 246 368 370 397 475 579 658 705 736 789 800 850 911 1080 1193 1261 1285 1291 1326 1367 1373 1383 1506 1510 1518 1531 1534 1607 1634 1637 1779 1794 1817 1856 1860 1877 1988 2048 2071 2072 2139 2146 2193 2280 2320 2361 2365 2408 2510 2578

401 5 165 172 194 226 249 264 394 423 439 475 560 579 687 719 733 789 799 845 850 870 1055 1080 1158 1345 1373 1383 1474 1507 1547 1607 1608 1616 1856 1888 1897 2026 2036 2038 2048 2077 2083 2084 2121 2137 2193 2263 2338 2377 2458 2467 2520 2524 2568

402 264 267 276 414 424 427 429 800 977 1080 1100 1303 1533 1611 1626 1631 1634 1856 1896 1910 2033 2084 2137 2139 2453 2467 2520

403 150 175 308 376 524 545 548 582 585 637 699 755 767 917 972 1044 1189 1247 1393 1480 1503 1506 1571 1781 1794 1821 1856 1929 1932 1935 2072 2171 2359 2365 2368 2373 2400 2533 2553 2555

404 162 211 282 686 988 1055 1062 1087 1383 1684 1687 1715 1731 1767 1770 1910 2564

405 165 169 172 187 229 264 267 279 282 370 377 386 416 497 560 577 579 589 733 834 841 850 1137 1158 1171 1261 1291 1367 1373 1383 1506 1509 1510 1512 1538 1607 1608 1611 1635 1783 1856 1897 2030 2038 2048 2052 2071 2104 2121 2193 2261 2346 2426 2453 2464 2467 2520 2564 2568 2570

406 108 150 158 173 176 347 357 359 395 405 468 482 485 585 588 630 661 699 732 769 859 900 917 952 1048 1116 1189 1250 1271 1330 1393 1414 1417 1506 1507 1542 1564 1571 1601 1625 1654 1781 1826 1856 1932 1939 1941 1947 2135 2282 2370 2505 2533 2547 2553 2555

407 108 234 267 362 383 578 1002 1043 1114 1266 1753 1783 1971 2048 2121 2425 2453 2512

408 264 276 279 409 458 751 1055 1533 1684 1864 1910 2110 2145 2228 2239 2406

409 126 136 279 467 497 548 578 686 728 791 813 1042 1044 1100 1136 1185 1197 1383 1497 1608 1616 1635 1699 1715 1820 1856 1910 1965 2015 2030 2133 2145 2188 2365 2404 2453 2505 2520 2564 2568

410 162 225 235 258 275 279 409 413 429 686 751 940 964 1021 1087 1103 1232 1292 1375 1383 1402 1411 1475 1651 1730 1776 1812 1816 1819 2027 2071 2120 2165 2239 2562 2564

411 175 191 202 242 333 341 357 365 485 497 548 666 769 795 983 1014 1042 1154 1245 1282 1285 1301 1330 1393 1452 1480 1504 1510 1637 1654 1695 1724 1846 1856 1922 1945 1957 2152 2359 2408 2541

412 234 267 279 282 288 529 1047 1061 1687 1721 1739 1755 1776 1784 1805 1910

413 108 160 170 191 308 321 325 347 357 378 482 485 527 588 611 661 732 769 789 857 876 900 917 952 983 1003 1044 1048 1069 1240 1245 1260 1269 1301 1330 1354 1393 1403 1414 1416 1506 1611 1621 1654 1753 1759 1794 1856 1945 2282 2352 2359 2362 2539 2544 2557 2595

414 1056 1687 1774

415 75 264 267 279 282 789 799 825 1044 1055 1094 1261 1303 1383 1503 1528 1631 1635 1684 1731 1856 1862 1910 2111 2145 2406 2453 2520 2570 2574

416 160 175 201 291 359 527 548 628 745 761 924 1114 1255 1259 1414 1574 1634 1697 1753 1928 1941 1962

417 150 158 173 176 191 319 347 357 485 497 547 555 585 588 611 637 649 699 732 752 857 881 885 900 903 952 1048 1116 1145 1189 1269 1330 1414 1417 1503 1506 1542 1564 1601 1625 1654 1749 1796 1800 1826 1856 1860 1922 1932 1935 1949 2102 2135 2517 2533 2544 2547

418 191 205 308 339 347 514 611 655 735 766 857 881 900 952 1301 1381 1510 1537 1561 1574 1637 1654 1856 1882 1939 2200 2220 2384

419 77 177 267 279 293 364 701 825 994 1009 1043 1087 1250 1253 1263 1327 1509 1527 1571 1731 1783 1856 1971 2048 2071 2121 2133 2193 2346 2453 2533 2553

420 168 170 249 293 357 364 455 537 547 552 850 868 917 1250 1263 1279 1305 1327 1410 1497 1542 1569 1608 1709 1749 1753 1781 1806 1811 1814 1856 1915 1922 1941 1947 1965 1971 2058 2121 2133 2171 2193 2318 2373 2453 2533

421 165 286 370 398 458 577 578 801 1042 1063 1303 1367 1377 1383 1497 1510 1591 1611 1637 1701 1820 1856 2030 2035 2048 2300 2408 2520 2554 2564 2568

422 1001 1047 1076 1626 1684 1738

423 165 377 386 417 458 481 570 571 685 686 688 850 866 870 958 1103 1375 1383 1395 1820 1886 1897 1910 1988 2038 2040 2052 2105 2122 2143 2184 2193 2194 2232 2250 2280 2336 2340 2427 2431 2453 2498 2524 2564 2568

424 5 169 172 181 187 229 264 281 284 394 423 430 438 440 577 582 799 845 850 922 965 1129 1131 1158 1168 1383 1474 1507 1616 1833 1856 1857 1884 1897 2030 2032 2035 2048 2086 2117 2453 2466 2520 2524 2570 2584

425 169 175 249 308 345 359 457 485 497 524 547 630 702 741 783 870 910 1256 1271 1282 1295 1310 1415 1420 1434 1480 1570 1608 1654 1727 1856 1884 1929 1932 2018 2058 2164 2221 2368 2373 2530 2533 2539

426 77 127 169 685 686 691 816 825 902 1012 1116 1263 1265 1279 1326 1383 1470 1511 1607 1696 1742 1783 1875 1877 1884 1910 1984 2453 2533 2564

427 147 169 187 191 264 267 370 377 535 577 799 850 852 871 1189 1383 1480 1526 1608 1733 1794 1820 1856 1874 1882 1901 1929 2030 2032 2058 2121 2174 2200 2313 2333 2334 2399 2458 2464 2466 2520 2529 2564 2570 2571 2598

428 226 258 264 282 284 422 426 429 628 682 686 928 1055 1056 1360 1383 1626 1631 1668 1793 1835 1910 2082 2087 2129 2137 2261 2504

429 264 276 279 458 489 577 686 687 800 928 981 986 997 1003 1367 1377 1382 1383 1784 1875 2040 2072 2121 2453 2467 2477 2575

430 56 226 264 279 284 422 429 470 489 686 751 800 825 922 928 941 1055 1056 1087 1367 1626 1864 1872 1892 1910 2075 2088 2110 2121 2228 2289 2453 2464 2574

431 187 191 205 264 269 270 293 351 359 370 455 552 589 596 630 686 702 707 732 733 734 795 870 871 873 915 1031 1107 1131 1254 1256 1327 1343 1383 1432 1479 1480 1510 1526 1537 1562 1608 1645 1733 1794 1856 1884 1910 2030 2032 2071 2160 2181 2200 2212 2221 2226 2365 2373 2454 2520 2524 2534 2590

432 169 175 187 249 264 279 293 308 359 377 497 589 630 666 699 702 707 733 756 799 834 850 871 902 1218 1256 1327 1338 1379 1383 1431 1480 1503 1506 1518 1536 1570 1608 1620 1701 1733 1742 1796 1826 1847 1856 1884 1910 2015 2032 2035 2058 2071 2164 2174 2221 2312 2318 2374 2401 2453 2505 2539 2590

433 5 187 194 230 231 264 267 279 282 394 414 423 497 686 733 789 800 850 965 1029 1163 1198 1272 1367 1369 1383 1474 1507 1611 1631 1856 1910 1988 2013 2032 2033 2038 2040 2089 2122 2129 2137 2193 2373 2453 2464 2466 2533 2568 2570

434 264 267 282 302 370 397 411 497 577 686 800 825 1003 1012 1327 1377 1383 1470 1548 1631 1758 1783 1820 1856 1875 1901 1910 1971 2030 2048 2121 2176 2453 2458 2464 2467 2520 2564 2568 435 162 264 275 284 370 686 969 977 984 1611 1783 1855 1877 2030 2145 2453 2466 2467 2520 2564

436 83 264 280 284 428 470 628 922 928 947 1055 1056 1626 1631 1685 1687 1783 1910 2088 2110 2111 2406 2453 2464 2483 2520 2575

437 64 264 280 282 428 458 470 481 489 616 686 825 928 949 1055 1188 1383 1533 1631 1856 1862 1910 2033 2040 2088 2089 2110 2121 2145 2228 2406 2464 2473 2476 2520 2564

438 5 165 187 260 264 370 386 392 416 439 567 570 686 691 733 789 799 800 845 852 984

1136 1137 1163 1168 1301 1369 1383 1403 1506 1547 1794 1820 1856 1897 1910 2030 2032 2038 2040 2048 2053 2083 2084 2137 2174 2263 2290 2453 2464 2467 2520 2524 2564
439 226 231 264 279 284 429 470 489 682 686 800 825 922 928 969 970 984 999 1056 1367 1369 1383 1547 1611 1626 1793 1836 1910 2040 2082 2228 2239 2426 2453 2464 2476 2564 2575
440 5 165 172 229 264 279 282 284 394 423 429 439 562 577 591 685 850 922 963 965 1158 1168 1367 1383 1616 1856 1857 1897 2038 2048 2052 2105 2122 2250 2340 2453 2460 2464 2520 2524 2564 2568 2570 2584
441 32 75 148 165 223 264 284 416 423 424 427 439 442 511 560 571 599 629 722 922 977 1093 1100 1166 1383 1406 1412 1439 1440 1626 1731 1828 1856 1976 2033 2043 2137 2201 2204 2232 2261 2348 2486 2495 2520 2564
442 165 229 271 284 377 387 417 423 562 570 571 591 594 686 687 689 843 845 866 870 960 963 965 1369 1383 1886 1897 1986 2035 2038 2052 2086 2105 2250 2271 2336 2427 2431 2504 2520 2564 2584
443 187 249 293 377 633 699 729 733 737 850 852 1137 1344 1383 1420 1479 1506 1627 1733 1794 1856 1884 2018 2038 2058 2171 2174 2266 2359 2464 2533 2553 2564
444 5 169 172 187 264 279 394 416 423 430 497 577 582 589 733 799 834 850 869 1158 1163 1383 1474 1506 1794 1856 1884 2018 2030 2040 2048 2121 2160 2221 2320 2340 2453 2464 2466 2533 2570
445 31 169 175 187 249 293 351 377 582 633 655 699 702 737 852 860 862 870 924 1218 1256 1344 1420 1506 1571 1601 1733 1794 1825 1856 1884 1954 2018 2058 2174 2180 2340 2356 2359 2533
446 5 194 226 231 276 282 370 394 416 422 423 470 502 590 628 657 733 789 799 800 852 963 1029 1163 1290 1367 1375 1376 1547 1611 1631 1856 1895 1897 1988 2032 2038 2040 2125 2459 2464 2564 2570
447 75 165 169 264 282 370 377 426 465 489 577 633 685 733 789 799 800 834 845 850 958 984 1113 1220 1279 1352 1373 1374 1383 1474 1548 1611 1631 1634 1783 1820 1856 1888 1910 2030 2038 2356 2453 2464 2466 2564 2568
448 147 173 175 187 191 264 293 306 308 356 370 450 552 577 588 589 630 657 686 733 737 838 852 873 952 1113 1148 1163 1256 1301 1383 1410 1420 1431 1480 1506 1570 1601 1794 1820 1856 1939 2058 2105 2125 2174 2200 2221 2365 2399 2453 2464 2520 2533 2553 2564 2571
449 20 169 187 205 264 293 356 370 553 577 630 633 776 834 850 879 890 910 952 1189 1242 1250 1256 1352 1410 1480 1506 1548 1630 1733 1856 1901 2058 2071 2171 2174 2200 2453 2533 2564
450 147 165 175 226 249 264 282 370 394 531 577 589 686 733 850 852 952 1137 1352 1367 1383 1506 1548 1611 1733 1794 1820 1856 1874 1884 2121 2453 2464 2520 2533 2564 2566 2570 2571 2598
451 169 187 293 376 394 589 702 776 850 869 871 910 1256 1327 1410 1477 1506 1570 1608 1733 1794 1820 1884 2162 2324 2531 2533 2553
452 24 147 169 175 191 345 352 552 733 776 879 890 910 1256 1327 1410 1506 1570 1654 1696 1856 1884 2058 2533
453 56 64 168 169 370 686 825 850 879 1002 1081 1169 1279 1383 1510 1783 1820 1856 1916 1971 2030 2121 2145 2453 2464
454 56 64 168 169 529 633 825 976 1081 1279 1456 1783 1971 2511 2514
455 77 264 276 302 308 370 397 450 470 577 686 825 1003 1012 1044 1327 1377 1383 1470 1510 1548 1631 1783 1820 1830 1856 1901 1971 2030 2048 2072 2121 2453 2520 2533 2564 2566 2570
456 6 264 276 370 397 416 475 497 524 531 577 686 733 776 812 850 852 972 1012 1116 1189 1256 1261 1285 1289 1383 1506 1740 1779 1783 1820 1856 1860 1932 2030 2032 2048 2117 2193 2346 2453 2464 2466 2520 2553 2564 2566 2571
457 56 77 169 264 293 524 825 850 879 1012 1169 1256 1265 1279 1532 1547 1763 1783 1820 1856 1916 1971 2453 2460 2533 2564
458 5 126 187 226 264 272 279 282 284 416 470 489 686 799 825 837 928 941 969 1029 1055 1547 1631 1634 1856 1862 2033 2111 2152 2239 2464 2520 2570
459 5 165 169 172 187 231 260 264 394 416 417 529 560 562 577 590 800 845 1029 1158 1373 1383 1474 1820 1856 1884 1897 1988 2033 2038 2121 2122 2305 2321 2369 2453 2464 2466 2520 2564 2568 2570
460 56 64 78 231 264 280 428 432 458 489 686 751 928 941 969 986 999 1008 1055 1661 1864 2082 2111 2121 2125 2451 2453 2464 2466 2520 2568
461 226 264 279 370 416 417 428 470 489 561 686 845 928 941 969 999 1011 1163 1369 1377 1383 1603 1611 1784 1816 1910 2013 2030 2038 2040 2048 2086 2121 2125 2451 2453 2464 2477 2520 2564 2566
462 165 169 175 191 249 264 269 370 394 416 475 548 577 579 666 686 733 766 776 834 838 869 871 879 952 1136 1148 1189 1256 1282 1301 1332 1383 1506 1512 1733 1794 1820 1856 1884 1910 1939 2030 2105 2221 2368 2464 2520 2536 2553 2555 2564 2568
463 84 161 181 267 275 279 286 420 470 544 798 1055 1100 1383 1406 1631 1636 1856 1862 1910 2007 2033 2038 2110 2239 2281 2408 2520 2568 2570
464 165 246 267 397 423 439 548 560 634 789 800 813 990 1080 1147 1229 1366 1383 1398 1460 1607 1713 1752 1813 1856 1904 2137 2220 2232 2257 2263 2281 2333 2430 2460 2467 2493 2528
465 84 117 264 279 282 420 470 679 688 799 1021 1055 1383 1503 1526 1611 1789 1820 1856 1862 1910 2030 2033 2086 2109 2145 2451 2520 2569 2572
466 74 165 172 194 284 423 424 458 594 799 800 837 922 960 1029 1158 1383 1803 2340 2520
467 165 229 377 417 518 560 563 570 686 689 841 845 869 932 1133 1137 1382 1383 1392 1394 1406 1439 1885 1897 1910 2035 2038 2052 2105 2197 2250 2261 2423 2466 2477 2564 2580
468 165 166 189 226 284 423 424 560 571 687 689 722 845 922 1133 1383 1391 1394 1396 1439 1603 2105 2137 2473 2488 2520 2564
469 165 166 221 224 284 286 423 560 565 571 594 686 689 837 841 845 869 964 1133 1374 1383 1817 1897 2105 2197 2250 2479 2564 2580
470 165 221 224 284 394 417 423 424 429 470 481 518 560 566 570 571 576 579 594 686 689 837 845 851 963 1133 1368 1370 1383 1391 1605 1885 1897 1910 1938 2052 2083 2105 2250 2302 2340 2427 2473 2476 2477 2496 2506 2520 2564
471 165 221 224 415 417 458 570 571 573 579 594 686 687 688 689 845 1133 1137 1373 1374 1383 1391 1396 1603 1817 1885 1910 2052 2105 2197 2250 2437 2473 2520 2564
472 228 267 279 648 799 973 1579 1734 1760 1774 1776 1805 1856
473 161 165 172 183 194 225 250 259 279 349 407 423 424 546 564 571 573 628 804 835 922 1100 1383 1441 1713 1786 1855 1983 1988 2144 2261 2340
474 165 172 194 264 266 270 279 283 284 412 424 664 680 798 813 922 1038 1158 1273 1383 1423 1474 1856 1890 1897 1907 1910 1995 2032 2048 2122 2175 2453 2520 2570
475 144 365 468 553 680 792 1002 1014 1094 1341 1358 1384 1544 1619 1741 2046 2098 2405 2408 2564
476 161 689 1133 1394 1842
477 161 481 571 686 689 691 841 960 1383 1394 1396 1626 1844 1910 2105 2250 2520 2564 2584
478 234 267 279 367 546 627 677 756 1024 1052 1094 1207 1330 1342 1527 1784 2257 2275 2440
479 194 370 377 432 458 561 564 566 571 573 686 688 689 1136 1158 1374 1383 1406 1603 1897 1910

2193 2427 2437 2467 2520 2564 2568
480 161 226 279 286 370 377 417 432 433 470 564 566 571 573 688 1136 1158 1373 1383 1406 1607 1718 1803 1816 1823 1857 1885 1910 1988 2030 2138 2193 2250 2261 2280 2427 2437 2466 2467 2520 2524 2563 2564 2572
481 928 1055 1667 2110 2111 2228
482 5 64 149 181 226 229 264 279 417 422 489 568 575 686 751 928 965 1029 1055 1167 1369 1376 1383 1474 1492 1667 1808 1910 2001 2032 2033 2035 2040 2110 2111 2122 2125 2126 2172 2228 2239 2464 2467 2483 2520 2524 2570 2599 2609
483 147 167 191 269 419 458 461 547 548 570 571 609 654 685 688 891 1135 1379 1380 1383 1396 1425 1439 1562 1630 1652 1694 1820 1904 1988 2033 2048 2105 2110 2138 2169 2175 2365 2467 2520 2536 2564 2565 2566
484 84 194 221 417 424 481 565 570 571 686 687 688 864 923 982 1166 1374 1383 1406 1603 1674 1675 1843 1910 2105 2204 2250 2467 2473 2477 2479 2496 2564
485 84 149 165 194 221 226 562 570 571 616 686 687 688 845 864 923 982 1166 1356 1367 1374 1383 1406 1440 1603 1843 1885 1910 2052 2105 2143 2204 2250 2467 2506 2564 2566 2599
486 84 165 194 226 432 458 487 561 562 570 681 686 687 845 982 1103 1356 1378 1382 1383 1406 1439 1895 1910 2125 2143 2204 2242 2250 2261 2457 2467 2473 2482 2504 2506 2520 2564 2565
487 161 226 522 565 682 686 688 689 845 1133 1383 1394 1396 1439 1673 1897 1910 2083 2126 2184 2250 2477 2500 2564 2571
488 226 417 429 470 481 520 560 571 682 686 687 688 689 845 1133 1383 1396 1439 1440 1462 1844 1897 2105 2126 2184 2227 2250 2479 2500 2564
489 161 522 564 565 571 713 932 1383 1439 1501 1673 1840 2052 2269 2582
490 161 211 226 282 394 417 458 481 505 518 571 686 688 713 845 851 932 960 1133 1158 1368 1383 1439 1843 1897 1910 2016 2052 2105 2126 2227 2269 2427 2479 2496 2500 2504 2520 2524 2564 2582
491 522 689 1133 1843 2500 2582
492 165 174 175 248 270 394 397 423 436 439 536 541 560 588 590 634 666 693 725 787 789 800 817 831 845 850 852 866 1038 1080 1136 1146 1147 1164 1226 1230 1261 1301 1319 1367 1379 1483 1607 1794 1856 1884 1886 1897 1904 2027 2038 2040 2052 2137 2205 2249 2263 2279 2321 2338 2340 2357 2359 2426 2427 2428 2453 2480 2487 2493 2593
493 8 16 36 165 202 236 272 308 326 402 464 547 570 589 590 730 843 958 1032 1092 1142 1153 1231 1365 1373 1380 1383 1388 1398 1483 1487 1544 1568 1629 1652 1654 1775 1792 1820 1877 1903 1945 1988 2019 2030 2104 2105 2117 2149 2175 2365 2370 2467 2475 2499 2564 2568 2593
494 16 139 165 239 246 270 279 378 397 418 423 439 475 588 590 635 725 782 791 799 850 858 869 891 958 990 1032 1080 1146 1151 1226 1261 1286 1337 1363 1366 1373 1383 1403 1460 1518 1544 1560 1607 1626 1634 1820 1856 1874 1884 1905 2049 2055 2072 2117 2149 2193 2257 2270 2280 2319 2321 2340 2359 2417 2430 2453 2467 2514 2528 2593
495 25 81 178 191 207 213 227 355 378 492 497 545 547 588 666 739 748 792 843 850 852 900 906 914 924 1048 1094 1164 1267 1301 1419 1454 1465 1536 1562 1575 1577 1585 1600 1654 1772 1775 1794 1856 1877 1903 1945 1957 2056 2071 2096 2107 2177 2359 2362 2365 2398 2499 2541 2557
496 143 279 284 424 439 797 931 980 1054 1127 1383 1407 1408 1442 1626 1813 1891 2028 2137 2140 2260 2261
497 5 165 279 282 284 394 424 427 439 562 691 789 800 845 850 870 964 1029 1038 1095 1383 1406 1631 1634 1856 1891 1897 2038 2084 2137 2432 2453 2472 2480 2520 2561
498 152 165 191 213 279 318 446 665 666 798 843 850 852 861 924 952 1092 1301 1349 1388 1491 1512 1524 1575 1626 1630 1652 1772 1775 1817 1832 1877 1884 1904 2104 2175 2244 2308 2319 2365 2370 2499 2536 2564
499 24 384 530 548 631 756 806 913 1003 1012 1063 1079 1094 1197 1259 1326 1572 1712 1731 1744 1771 1776 1856 2095 2574
500 131 165 223 231 267 279 286 379 458 560 1034 1113 1282 1350 1383 1406 1510 1536 1608 1611 1771 1783 1820 1856 1874 1897 1971 2030 2048 2117 2121 2193 2341 2467 2480 2520 2524 2564 2568
501 75 194 223 225 264 268 284 367 423 426 536 560 571 693 722 789 798 800 852 921 922 1038 1080 1086 1094 1136 1261 1303 1383 1395 1487 1509 1533 1544 1610 1626 1634 1836 1856 1897 2033 2084 2137 2193 2197 2204 2257 2486 2520 2528
502 5 165 172 210 223 225 264 268 276 279 370 416 423 424 571 682 684 688 789 800 814 831 845 1038 1136 1158 1166 1372 1383 1411 1474 1611 1634 1745 1856 1897 1910 1988 2084 2122 2137 2204 2261 2267 2426 2451 2458 2467 2481 2495 2503 2504 2520 2524
503 5 165 172 194 223 239 264 279 370 394 423 473 475 536 590 751 799 831 845 958 1116 1158 1166 1286 1460 1510 1518 1607 1820 1856 1988 2036 2038 2048 2121 2193 2250 2280 2453 2458 2487 2520 2570
504 5 165 172 194 264 267 279 283 394 424 536 590 591 789 800 922 1038 1158 1226 1383 1503 1506 1701 1856 2048 2122 2340 2467 2520
505 43 75 161 194 248 267 279 284 427 439 564 693 751 789 798 800 850 922 926 1038 1098 1124 1162 1261 1444 1460 1626 1634 1813 1861 1884 1891 1895 1897 1938 1983 2017 2029 2056 2108 2280 2340 2405 2408 2480 2520 2562
506 48 75 98 165 194 223 248 267 279 370 409 424 473 498 528 536 590 686 693 739 751 789 798 800 818 845 850 958 1080 1094 1113 1142 1163 1165 1261 1301 1303 1373 1383 1460 1481 1608 1634 1820 1856 1891 1897 2038 2040 2084 2108 2250 2280 2408 2467 2520 2564 2584
507 194 276 458 813 814 922 978 1303 1383 1611 1820 2118 2426 2467 2469
508 41 86 160 173 175 178 191 207 246 321 333 345 497 530 547 588 589 602 622 748 789 843 850 873 879 891 958 1002 1040 1048 1116 1245 1285 1301 1330 1393 1414 1451 1512 1536 1552 1570 1654 1701 1740 1753 1779 1796 1856 1877 1884 1922 1945 2056 2200 2359 2365 2398 2537 2556 2595
509 77 145 234 299 549 676 753 799 1003 1047 1117 1201 1573 1698 1712 1726 1784 1856
510 165 172 175 186 226 264 267 279 293 370 458 475 503 560 562 577 589 590 597 733 799 845 850 924 958 1261 1303 1367 1373 1383 1460 1507 1607 1611 1616 1820 1856 1884 2030 2048 2121 2193 2221 2250 2280 2487 2520 2533 2564 2570
511 161 256 264 282 427 458 814 922 1058 1361 1793 1896 2110 2239 2266 2477
512 56 165 264 276 279 282 286 370 458 544 604 686 799 921 922 1028 1055 1626 1631 1783 1820 1866 1891 2111 2239 2406 2520
513 106 129 173 178 197 213 227 248 270 374 434 497 530 547 560 562 588 589 611 666 702 748 766 791 843 852 858 900 914 924 990 1131 1147 1182 1245 1260 1285 1287 1301 1313 1330 1365 1393 1419 1451 1465 1510 1529 1577 1585 1600 1629 1701 1796 1856 1884 1945 1957 2136 2177 2270 2357 2358 2359 2536 2541 2593
514 161 194 233 279 282 284 423 424 427 428 798 978 1383 2048 2261
515 56 194 264 276 279 416 423 458 751 798 813 814 922 977 1038 1080 1303 1383 1411 1444 1533

1634 1836 2030 2033 2124 2137 2232 2425 2453 2467 2520 2564
516 56 226 258 264 686 928 1029 1055 1060 1065 1367 1369 1370 1376 1383 1661 1667 1791 1864 1871 1910
2013 2035 2040 2085 2088 2110 2121 2123 2125 2147 2228 2237 2239 2440 2504 2570
517 30 79 178 187 357 364 370 539 731 1025 1083 1084 1199 1279 1383 1578 1608 1706 1727 1764 1767
1779 1811 1967 2030 2121 2193 2442 2453 2570
518 17 231 284 686 941 984 2110 2239 2464 2524
519 136 168 181 249 370 377 457 479 508 529 539 541 591 633 715 799 845 850 1158 1279 1325
1376 1377 1474 1510 1737 1783 1811 1988 2121 2265 2334 2437 2464 2520 2568
520 40 64 110 149 226 264 370 417 457 508 528 577 616 799 825 872 941 969 1028 1065 1163
1257 1294 1367 1375 1376 1377 1383 1474 1684 1732 1817 1820 1910 1967 1971 2020 2030 2132 2139 2146 2193 2261
2292 2453 2459 2464 2520 2524 2564 2570 2573
521 56 64 226 264 282 422 428 489 686 751 961 962 969 1055 1056 1081 1128 1367 1369 1375 1383
1402 1667 1677 1678 1793 2020 2043 2080 2081 2086 2088 2110 2145 2228 2230 2231 2261 2406 2453 2607
522 187 264 306 370 377 416 438 489 577 799 800 825 918 1065 1129 1342 1383 1474 1509 1538 1690
1821 1856 2032 2033 2183 2453 2464 2520 2524 2570
523 83 258 264 282 422 489 928 1027 1055 1895 2035 2111 2165 2228 2239 2254 2261 2406 2601 2607
524 168 169 187 293 376 377 547 685 731 756 787 799 850 857 858 918 1187 1189 1367 1383 1506
1706 1733 1794 2018 2030 2121 2171 2464 2505 2524 2564 2570
525 56 64 83 226 235 258 264 285 422 429 489 686 751 927 928 941 965 969 1055 1087 1171
1361 1402 1667 1677 1738 1808 1864 1895 1982 2013 2040 2043 2110 2121 2125 2139 2158 2228 2239 2251 2261 2289
2292 2451 2564 2568 2602
526 5 56 132 181 226 264 277 432 458 489 616 686 695 799 832 939 941 947 965 969 984
1020 1029 1073 1087 1163 1375 1376 1377 1383 1474 1657 1667 1685 1693 1731 1857 1862 1864 1871 1894 1971 2013
2033 2040 2075 2080 2082 2088 2110 2121 2158 2228 2239 2464 2483 2511 2568 2570
527 133 249 261 282 293 377 417 616 685 686 841 850 918 1129 1163 1367 1383 1474 1531 1764 1856
1886 1910 2032 2040 2048 2121 2265 2451 2524 2564 2568 2570
528 35 149 165 226 282 381 417 426 481 489 561 577 616 685 686 922 969 999 1066 1081 1163
1368 1375 1383 1402 1492 1820 1864 1910 1988 2020 2032 2040 2081 2121 2125 2457 2464 2476 2520 2524 2564 2568
2570 2599
529 4 56 64 226 264 282 284 426 428 458 489 756 800 833 922 928 947 958 969 1055 1056
1087 1163 1369 1547 1663 1864 2040 2110 2121 2137 2228 2406 2464 2466 2584
530 75 181 187 264 282 394 416 423 579 628 733 789 799 800 819 869 984 1148 1163 1383 1506
1512 1631 1699 1849 1856 1886 2030 2032 2033 2035 2105 2174 2453 2520 2570
531 147 229 264 276 282 370 426 630 850 918 965 1131 1189 1192 1209 1383 1480 1506 1645 1794 1849
2030 2033 2035 2086 2105 2110 2122 2365 2464 2483 2520 2531 2539 2553 2555 2556 2558
532 16 58 159 165 190 199 246 326 332 379 399 400 419 475 579 673 693 735 749 791 792
843 850 980 1032 1142 1151 1153 1278 1319 1349 1365 1373 1380 1398 1445 1457 1460 1487 1587 1588 1607 1609
1622 1629 1632 1642 1643 1656 1775 1820 1921 2100 2104 2117 2154 2307 2308 2321 2372 2407 2408 2460 2467 2585
2596
533 58 159 326 349 369 379 399 475 579 632 716 725 791 799 980 1032 1041 1149 1273 1278 1319
1371 1438 1460 1545 1587 1588 1607 1622 1632 1642 1643 1813 1877 1879 1921 2372 2407 2408 2417 2430 2528 2532
2588
534 424 571 683 804 1038 1293 1412 1439 1626 1679 1786 1988 2144 2178 2486 2497 2498 2525 2564
535 165 261 279 284 386 394 423 427 439 560 579 618 693 787 789 800 813 852 866 967 980
1054 1101 1105 1127 1229 1273 1383 1386 1460 1547 1803 1856 1884 1891 1899 2048 2084 2197 2225 2250 2280 2330
2338 2377 2426 2427 2434 2458 2474 2486 2560 2596
536 261 267 284 394 423 424 439 475 666 693 789 791 797 798 800 813 980 1080 1105 1127 1147
1227 1261 1335 1351 1379 1460 1498 1518 1813 1856 1884 1887 1891 2225 2263 2280 2377 2396 2408 2417 2430 2451
2490 2514 2596
537 58 165 199 246 332 393 397 424 475 534 579 634 666 716 738 791 818 843 852 924 980
990 1032 1147 1153 1157 1278 1284 1306 1322 1341 1347 1349 1350 1356 1372 1379 1380 1383 1398 1445 1455 1460
1519 1522 1550 1557 1629 1652 1745 1859 1881 1897 1904 1918 1976 2154 2243 2249 2372 2417 2426 2427 2467 2468
2487 2564 2593 2596
538 571 1626 1713 1763 1976 2250
539 165 238 399 499 579 621 751 791 799 958 980 1032 1261 1319 1322 1332 1373 1460 1535 1587 1602
1607 1622 1629 1632 1642 1656 1813 1820 1877 1879 1881 2117 2154 2239 2315 2407 2414 2426 2452 2460 2490 2528
2564 2588 2593
540 90 199 290 349 393 399 424 475 579 632 634 666 692 791 797 813 843 850 852 891 980
1032 1147 1153 1231 1273 1322 1341 1349 1379 1380 1383 1395 1445 1460 1535 1544 1560 1622 1629 1638 1656 1775
1797 1884 1904 1988 2050 2177 2257 2270 2372 2417 2460 2486 2487 2593 2596
541 106 157 165 327 393 402 416 423 434 446 475 579 634 686 693 735 749 751 802 843 1032
1152 1306 1341 1355 1356 1365 1373 1380 1383 1450 1460 1585 1588 1607 1652 1656 1763 1775 1820 1859 1897 1909
2069 2117 2321 2365 2453 2467 2568 2593 2596
542 75 106 165 239 246 279 282 379 397 418 423 424 426 434 435 439 448 456 471 474 498
512 517 590 597 601 613 615 686 693 725 751 789 799 800 802 818 843 850 1032 1080 1126 1261
1303 1319 1356 1379 1403 1406 1445 1460 1487 1518 1543 1626 1634 1813 1820 1856 1874 1884 1891 1899 2056 2117
2137 2155 2310 2321 2340 2408 2419 2424 2453 2467 2480 2486 2528 2564 2567 2593
543 117 143 279 424 426 428 457 475 495 813 964 1054 1127 1355 1382 1383 1442 1460 1519 1626 1650
1813 1891 1909 1938 2105 2137 2141 2340 2504 2522 2564
544 58 117 165 194 226 246 282 424 426 439 475 560 562 564 579 634 693 716 751 789 791
813 843 850 866 958 980 1080 1127 1147 1319 1322 1356 1366 1379 1383 1386 1418 1445 1460 1522 1607 1634
1813 1820 1856 1886 1891 1897 1899 1904 1909 1983 1988 2048 2068 2084 2117 2233 2263 2321 2372 2408 2414 2467
2568
545 69 91 163 165 246 270 279 400 439 475 494 579 588 666 751 791 875 958 980 1032 1261
1319 1322 1335 1457 1460 1518 1607 1634 1650 1820 1856 1877 1884 1905 2084 2149 2280 2359 2408 2414 2421 2426
2467 2501 2514 2528 2585 2588 2596
546 106 173 198 246 278 279 397 399 439 475 588 634 666 693 716 725 782 791 845 852 858
866 891 924 990 1038 1150 1261 1273 1319 1322 1366 1373 1379 1380 1383 1398 1460 1554 1561 1600 1607 1622
1632 1745 1796 1856 1879 1945 1994 2002 2055 2149 2263 2270 2280 2319 2321 2338 2340 2365 2372 2398 2408 2417
2514 2528 2596
547 99 103 147 169 191 226 264 269 353 359 370 487 540 561 577 666 733 787 789 850 851
871 879 918 952 1053 1240 1257 1271 1318 1327 1332 1383 1486 1536 1537 1547 1607 1608 1645 1709 1733 1794
1820 1856 1877 1884 1932 1939 2030 2032 2048 2071 2145 2193 2219 2221 2365 2453 2456 2466 2483 2520 2554 2564

548 100 169 242 264 293 529 850 901 916 958 1000 1383 1547 1607 1706 1811 1876 2071 2193 2329 2453
549 226 264 370 489 541 685 686 928 969 999 1003 1163 1383 1687 1783 1784 1793 1805 2040 2111 2121 2451 2464 2564 2568 2570
550 4 149 165 187 226 277 285 377 416 417 428 429 481 525 541 561 577 616 686 789 841 845 871 922 965 969 999 1066 1137 1163 1369 1376 1383 1474 1693 1783 1910 2038 2048 2081 2122 2193 2265 2457 2464 2483 2520 2524 2564 2568 2570
551 56 83 118 226 264 285 422 428 432 458 489 682 686 928 941 970 1008 1055 1056 1163 1190 1375 1376 1377 1383 1533 1664 1667 1793 1864 1871 2013 2033 2075 2082 2121 2145 2228 2239 2453 2464 2477 2483 2564 2575
552 76 93 169 187 264 356 370 377 465 483 553 577 633 675 726 851 870 871 918 924 1242 1257 1295 1367 1383 1503 1607 1706 1733 1736 1754 1796 1820 1826 1856 1875 1884 2015 2030 2058 2121 2174 2193 2320 2340 2402 2453
553 93 356 370 450 457 541 545 577 685 789 850 858 871 872 873 880 952 979 1148 1295 1383 1410 1510 1607 1608 1654 1706 1754 1811 1820 1853 1856 1901 1913 1924 1943 1956 2030 2058 2121 2217 2365 2456 2538 2546 2553 2568
554 168 381 397 825 977 1006 1073 1169 1202 1339 1783 2453 2573
555 5 226 231 264 282 386 422 423 428 470 481 487 489 577 616 685 686 687 726 751 789 799 800 922 928 965 1029 1129 1137 1158 1163 1361 1376 1383 1474 1603 1631 1856 1857 1910 1985 2032 2035 2038 2048 2117 2122 2147 2193 2239 2453 2464 2466 2476 2520 2524 2570 2599
556 149 226 229 284 377 387 422 428 458 566 577 591 616 686 820 841 845 850 852 963 965 1137 1163 1367 1369 1373 1376 1383 1402 1492 1608 1820 1886 1897 1910 2032 2035 2038 2040 2053 2105 2122 2193 2250 2476 2483 2520 2524 2534 2564 2570 2599
557 57 264 370 469 489 561 685 686 1003 1367 1377 1685 1687 1783 1784 1910 2030 2039 2048 2121 2261 2453 2464 2476 2511 2564
558 24 77 88 93 169 226 293 305 370 397 461 469 528 545 577 686 825 845 850 1003 1012 1088 1188 1379 1383 1470 1510 1548 1608 1732 1783 1787 1788 1820 1856 1965 2030 2048 2121 2239 2298 2453 2464 2466 2564 2568 2570
559 56 264 277 429 686 928 969 1008 1055 1056 1664 1687 2110 2145 2228 2476 2570 2607
560 56 211 226 264 422 429 461 489 686 928 970 1027 1055 1056 1367 1626 1661 1663 1687 1988 2084 2111 2228 2231 2261 2570
561 165 169 186 194 226 249 264 370 376 394 423 438 491 560 561 591 686 733 800 816 837 850 870 965 1029 1129 1131 1158 1163 1316 1371 1376 1383 1439 1474 1607 1633 1751 1783 1897 1988 2014 2038 2077 2117 2122 2193 2194 2261 2265 2340 2446 2451 2464 2466 2520 2564 2570
562 4 5 165 187 226 229 264 285 394 423 438 560 579 600 628 685 719 731 800 845 870 965 1029 1129 1158 1163 1180 1375 1474 1544 1631 1856 1884 1886 1897 1988 2022 2033 2034 2038 2077 2122 2193 2317 2447 2464 2466 2483 2520 2524 2564 2571
563 194 226 258 264 416 428 481 566 571 682 683 686 1029 1138 1296 1297 1368 1383 1626 1793 1896 2030 2033 2043 2110 2239 2261 2471 2483 2495 2497
564 165 169 226 264 305 370 377 417 466 528 541 685 686 719 819 820 851 866 958 1066 1367 1373 1383 1474 1608 1783 1820 1856 1910 2038 2040 2048 2121 2122 2193 2451 2457 2466 2524 2570
565 149 165 169 172 194 226 285 370 377 429 464 465 528 561 562 591 616 628 685 686 799 800 837 841 845 851 866 922 965 1158 1163 1198 1367 1369 1375 1376 1383 1531 1631 1856 1884 1886 1897 1910 1938 1985 1988 2030 2032 2033 2035 2038 2040 2105 2121 2193 2239 2250 2451 2464 2483 2520 2524 2564 2568 2570 2594
566 132 226 231 258 264 279 280 371 416 429 432 470 487 489 504 512 616 620 685 686 751 799 928 939 965 970 986 1168 1272 1367 1369 1383 1402 1533 1626 1657 1667 1793 1895 1910 1988 2013 2032 2033 2038 2040 2043 2078 2080 2085 2110 2115 2119 2125 2228 2239 2261 2268 2289 2406 2451 2464 2466 2476 2483 2519 2524 2564 2568
567 165 172 194 226 264 282 370 394 475 494 524 570 751 800 820 845 850 1080 1158 1270 1345 1356 1367 1373 1383 1403 1548 1820 1856 1875 1884 1897 2030 2038 2048 2072 2105 2117 2137 2139 2193 2261 2280 2321 2340 2359 2448 2453 2467 2520 2564 2570 2572
568 165 194 225 264 279 282 286 370 424 427 429 432 571 572 628 682 685 686 690 691 800 970 1094 1166 1374 1377 1383 1536 1610 1626 1684 1896 1988 2016 2066 2137 2138 2193 2232 2261 2266 2425 2453 2477 2506 2520 2522 2564
569 5 191 226 264 267 279 282 422 458 620 688 789 800 922 1027 1080 1303 1383 1507 1533 1626 1631 1856 1862 2261 2453 2467 2504 2506 2520 2564 2574
570 128 150 173 191 202 308 319 325 345 347 357 455 497 526 552 555 588 655 666 702 732 757 785 789 850 862 871 880 881 882 892 1132 1181 1252 1260 1327 1330 1343 1348 1393 1414 1464 1469 1480 1503 1506 1510 1512 1537 1605 1779 1796 1854 1856 1874 1903 1929 1932 1954 2221 2300 2373 2505 2546 2594
571 5 165 172 194 223 277 279 370 394 423 438 487 529 560 567 579 590 591 800 804 841 845 852 870 924 1029 1080 1103 1158 1163 1168 1356 1367 1373 1375 1383 1460 1474 1607 1616 1856 1897 1988 2038 2048 2070 2117 2121 2193 2250 2280 2338 2453 2458 2466 2467 2520 2524
572 5 165 172 187 194 229 249 264 279 281 286 370 394 417 424 429 439 489 529 567 579 686 751 789 800 841 870 922 965 1080 1103 1114 1168 1367 1373 1376 1383 1460 1547 1607 1616 1631 1634 1820 1856 1857 1886 1908 1910 1988 2030 2032 2038 2072 2077 2084 2105 2121 2122 2458 2464 2466 2467 2502 2520 2564 2568 2599
573 191 241 355 357 557 588 633 725 734 742 850 861 873 882 899 971 995 1096 1260 1327 1417 1428 1503 1510 1536 1537 1772 1779 1798 1856 1877 1936 2045 2072 2475 2556 2590
574 75 153 167 173 191 213 249 269 308 318 370 375 390 446 447 475 540 555 570 666 669 791 850 858 859 871 907 952 1278 1350 1383 1482 1510 1537 1547 1562 1652 1772 1820 1856 1884 1904 1932 1988 2030 2056 2070 2105 2117 2200 2306 2365 2370 2453 2467 2499 2520 2564 2590
575 106 162 172 241 264 279 370 475 529 686 807 971 1096 1114 1350 1503 1518 1616 1634 1783 1820 1855 1856 1875 1936 2030 2048 2121 2376 2453 2467
576 5 165 194 231 264 282 284 424 429 458 489 686 687 800 922 1029 1103 1383 1460 1856 1891 1895 1988 2124 2137 2293 2340 2520 2578
577 191 203 269 308 319 345 347 475 555 666 686 691 735 794 850 862 871 882 892 952 1252 1449 1510 1512 1562 1605 1608 1772 1820 1935 2030 2048 2104 2121 2175 2188 2365 2417 2467 2546 2570
578 191 308 345 347 357 529 552 555 588 655 732 757 807 850 873 882 1116 1181 1256 1260 1330 1393 1414 1480 1537 1607 1625 1654 1749 1779 1825 1856 1874 1916 1932 2209 2359 2373 2594
579 56 264 279 282 458 1033 1055 1533 1864 2063 2406 2564
580 5 165 191 226 249 264 266 267 370 420 422 423 439 458 461 481 487 686 733 735 789 800 922 1027 1029 1137 1303 1376 1377 1383 1460 1505 1616 1626 1631 1634 1820 1836 1856 1862 1884 1910 2030 2032 2038 2084 2105 2117 2121 2193 2263 2340 2453 2464 2467 2506 2520 2564 2568 2570 2571 2584

581 5 165 194 226 264 284 429 551 571 628 682 685 686 688 928 932 1029 1100 1136 1293 1362 1383 1626 1631 1699 1793 1897 2043 2261 2453 2467 2477 2506 2520 2564

582 56 84 226 231 256 264 275 279 422 428 458 470 489 628 686 799 800 928 1029 1055 1080 1361 1382 1460 1533 1626 1631 1856 1891 2228 2406 2425 2453 2464 2467 2506 2520

583 5 165 226 264 282 284 370 386 416 423 424 429 432 439 458 686 800 841 852 922 928 965 969 1029 1055 1272 1376 1383 1406 1474 1533 1616 1631 1634 1856 1897 1908 2013 2030 2038 2040 2052 2062 2084 2105 2110 2122 2139 2228 2239 2302 2453 2455 2464 2467 2477 2503 2520 2564 2568 2570 2584

584 129 165 172 186 191 264 267 269 279 284 370 416 475 497 548 555 561 570 577

589 630 666 685 735 751 757 766 799 800 850 852 871 922 980 1301 1303 1367 1383 1480 1506 1510 1512 1608 1616 1652 1772 1794 1820 1847 1856 1884 2021 2030 2032 2071 2162 2221 2365 2467 2505 2520

585 165 191 213 264 267 269 318 339 446 466 481 497 558 570 669 686 735 798 871 921 922 952 1349 1383 1506 1510 1512 1607 1608 1616 1652 1794 1856 1904 1910 2030 2035 2048 2104 2365 2467 2494 2520 2564 2568

586 5 165 172 191 194 226 264 267 279 318 339 370 473 475 589 799 850 871 1136 1383 1474 1526 1616 1630 1794 1820 1856 1874 1884 1897 2030 2048 2121 2453 2467 2469 2520 2564 2568 2570

587 5 165 172 264 281 416 422 428 481 577 686 691 922 965 1029 1303 1376 1383 1406 1884 1897 2030 2032 2035 2038 2086 2105 2340 2453 2455 2467 2520 2564 2568 2570 2572 2584

588 33 191 241 269 308 345 357 370 475 524 529 555 589 624 666 766 850 858 871 882 995 1116 1192 1260 1350 1417 1428 1506 1507 1510 1562 1584 1607 1682 1779 1820 1856 1877 2030 2200 2226 2318 2359 2365 2451 2467 2475 2556 2590

589 165 172 194 223 226 264 370 394 424 439 560 579 751 841 845 850 852 858 1080 1158 1163 1356 1367 1373 1375 1383 1443 1474 1536 1607 1616 1820 1856 1857 1877 1897 1988 2038 2048 2117 2121 2193 2194 2250 2280 2321 2451 2467 2524 2568 2570

590 75 165 172 221 231 249 264 282 370 422 423 439 475 577 590 633 789 791 800 850 1080 1114 1132 1147 1158 1303 1319 1348 1373 1376 1383 1398 1460 1474 1518 1607 1616 1631 1634 1856 1874 1884 1891 1988 2032 2117 2121 2122 2193 2280 2310 2359 2377 2453 2467 2502 2520 2524 2564 2566 2568 2570

591 529 977 1855 1874 1875 2070 2072 2453 2564

592 75 264 279 282 825 977 1027 1080 1114 1547 1631 1875 2453

593 173 175 345 355 455 497 588 589 632 633 705 707 732 734 761 839 850 873 905 1256 1260 1273 1327 1414 1479 1503 1537 1562 1570 1571 1574 1605 1654 1749 1779 1794 1849 1856 1877 1929 2180 2359 2373 2382 2453 2515 2539 2543

594 165 264 279 370 768 984 997 1003 1014 1044 1056 1377 1503 1634 1726 1783 1874 1891 2453 2566

595 279 293 529 553 588 601 699 757 850 873 880 1006 1014 1049 1256 1327 1506 1547 1548 1742 1794 1856 1884 1932 1933 2453 2505

596 276 475 529 825 977 1006 1373 1874 2453

597 56 276 279 825 1027 1044 1547 1631 2574

598 191 293 308 345 355 555 588 589 595 666 707 871 873 880 915 952 1256 1414 1480 1510 1526 1546 1579 1631 1772 1856 1874 1932 1933 2056 2072 2121 2200 2359 2365 2453 2484 2553 2590

599 276 362 529 976 977 1014 1172 1548 1874 1875 2453

600 129 172 173 264 345 355 524 705 768 850 873 880 892 1147 1254 1256 1327 1506 1547 1548 1618 1749 1772 1856 1884 1942 2353 2359 2448 2453 2487 2590

601 165 172 264 282 285 370 394 579 751 789 850 871 1080 1137 1143 1158 1301 1379 1383 1474 1512 1611 1634 1856 1988 2030 2038 2075 2117 2121 2200 2263 2340 2453 2467 2520 2564 2570

602 172 175 204 205 240 279 293 351 529 553 588 633 734 839 845 850 873 1080 1114 1226 1256 1260 1327 1379 1426 1571 1579 1634 1772 1783 1794 1849 1854 1856 1884 1903 1910 2183 2221 2341 2349 2453 2542 2590

603 129 165 172 264 279 293 345 370 475 529 686 800 871 892 952 1256 1303 1383 1460 1506 1510 1608 1772 1794 1817 1830 1856 1884 1939 2030 2038 2221 2280 2365 2453 2467 2564 2590

604 276 527 529 588 873 1002 1531 1631 2353 2453

605 129 165 279 293 308 345 370 588 686 705 850 876 885 886 892 915 1147 1260 1414 1506 1510 1607 1608 1613 1749 1772 1794 1854 1856 1933 1945 2030 2183 2212 2221 2280 2359 2553 2564 2590

606 172 264 279 282 370 475 579 591 837 850 1080 1158 1383 1474 1506 1531 1830 1856 1874 1897 1988 2117 2121 2280 2453 2466 2467 2487 2520 2570

607 264 276 429 977 1044 1055 2453

608 4 5 149 168 187 226 264 280 282 408 528 591 751 804 850 858 922 926 938 965 1029 1129 1158 1163 1171 1376 1383 1474 1768 1817 1857 1988 2035 2038 2121 2172 2193 2451 2464 2466 2477 2483 2524 2527 2564 2568 2570

609 4 5 56 64 149 165 226 264 279 370 417 428 432 458 489 591 616 628 686 751 804 928 939 965 969 1029 1163 1171 1369 1370 1382 1383 1402 1406 1474 1664 1857 1864 1988 2013 2034 2038 2042 2085 2110 2121 2124 2237 2239 2261 2451 2464 2466 2477 2483 2524 2568 2570

610 5 169 226 264 370 377 387 416 423 429 560 571 591 628 714 715 751 799 800 819 843 845 851 852 965 1129 1158 1163 1198 1373 1383 1474 1723 1857 1886 1910 1988 2038 2115 2121 2126 2193 2451 2464 2466 2520 2524 2564 2568 2570

611 71 74 130 169 187 242 465 483 541 548 580 614 636 685 702 850 918 930 1000 1250 1324 1414 1630 1700 1706 1806 1856 1901 1930 2193 2216 2451 2453 2553

612 80 130 168 170 249 312 370 685 715 746 845 850 930 1383 1608 1671 1706 1709 1811 2075 2121 2193 2216 2439 2451 2464 2524 2570

613 80 370 475 628 774 799 928 941 958 1019 1225 1687 1735 1784 2039 2570

614 112 169 187 242 370 507 591 715 850 858 1039 1129 1158 1199 1373 1383 1474 1607 1709 1820 2032 2048 2121 2126 2193 2328 2439 2453 2460 2466 2524 2570

615 15 149 165 226 258 264 282 408 416 428 505 616 713 965 1163 1367 1369 1376 1383 1604 1657 1668 2013 2032 2033 2040 2043 2080 2081 2085 2110 2121 2125 2126 2172 2228 2239 2261 2296 2464 2477 2483 2524 2564 2568

616 2 181 226 258 264 282 422 458 481 489 575 686 751 837 928 965 1055 1376 1474 1664 2080 2082 2085 2110 2158 2193 2239 2261 2289 2296 2570 2603 2607

617 132 226 258 264 279 284 422 425 428 432 458 489 628 685 686 751 837 928 965 1029 1087 1125 1367 1383 1474 1525 1626 1833 1862 1864 1866 1910 2001 2013 2035 2040 2080 2085 2110 2129 2228 2239 2259 2261 2289 2296 2451 2464 2483 2519 2564 2570

618 56 80 211 226 264 370 417 470 481 489 685 686 804 928 951 965 1008 1056 1081 1225 1376 1383 1657 1667 1677 1738 1790 1808 1864 1894 1910 2013 2032 2035 2040 2042 2110 2121 2228 2239 2268 2460 2464 2466 2476 2564

619 147 262 264 339 370 457 475 524 577 685 686 687 799 852 869 918 1129 1367 1383 1506 1524 1578 1607 1620 1709 1794 1856 1910 1939 2030 2032 2048 2110 2193 2415 2453 2464 2466 2494 2520 2554 2564 2570

2598
620 93 147 169 357 370 422 483 507 508 553 577 630 789 850 869 873 888 918 1051 1097 1250 1279 1367 1383 1410 1474 1506 1607 1700 1706 1820 1856 1883 1924 1956 1971 2030 2173 2193 2212 2298 2365 2415 2439 2444 2464 2520 2570
621 4 32 226 264 282 284 370 386 416 428 430 458 475 541 616 634 686 719 751 799 804 845 850 858 928 965 1029 1163 1303 1368 1383 1630 1631 1862 1910 1938 2032 2033 2035 2083 2110 2115 2193 2296 2410 2451 2457 2463 2464 2483 2520 2524 2564 2568 2599
622 149 165 231 370 377 387 416 458 577 616 713 804 841 845 852 965 1129 1163 1369 1383 1402 1412 1474 1492 1844 1886 1910 2038 2052 2105 2115 2126 2193 2250 2427 2457 2464 2477 2483 2492 2524 2527 2564 2570
623 37 149 181 264 370 408 417 432 458 481 539 577 616 628 686 751 799 837 928 939 965 1087 1210 1276 1367 1474 1492 1604 1631 1789 1858 1862 1866 2013 2033 2035 2078 2089 2110 2115 2117 2121 2179 2239 2296 2464 2498 2564 2600 2602
624 9 66 93 168 226 242 370 577 686 800 1253 1317 1383 1608 1719 1767 2117 2437 2464 2466
625 38 187 264 305 370 377 582 591 685 799 850 918 1064 1163 1279 1373 1383 1507 1531 1973 2015 2072 2121 2193 2415 2453 2464 2466 2568 2570
626 213 262 264 276 282 284 370 416 458 481 494 541 548 686 789 918 1013 1163 1383 1506 1547 1648 1794 1862 1883 2030 2032 2035 2038 2048 2190 2193 2463 2464 2494 2520 2524 2564 2568 2570
627 106 230 262 264 267 279 281 452 547 570 634 679 842 852 871 891 932 937 1136 1301 1383 1398 1608 1652 1772 1862 1884 1910 2030 2033 2086 2105 2110 2156 2203 2319 2440 2520 2564 2565
628 191 262 264 318 339 535 548 679 709 869 918 952 1186 1459 1497 1526 1778 1795 1992 2150 2168 2190 2280 2359 2365 2415 2540 2555 2598
629 5 149 264 279 282 429 458 460 489 685 686 751 800 922 1029 1055 1080 1367 1376 1383 1631 1856 1910 2040 2082 2083 2121 2261 2453 2458 2464 2520 2564
630 165 191 394 423 424 436 439 560 570 579 599 617 657 685 722 723 735 789 800 845 846 852 967 1080 1166 1229 1230 1318 1356 1366 1372 1373 1383 1386 1460 1518 1634 1856 1884 1899 1910 1974 2052 2077 2084 2105 2137 2263 2321 2340 2427 2458 2490 2493 2520 2522 2529 2564 2578
631 153 191 262 276 318 335 397 475 519 559 686 791 861 952 1026 1041 1349 1365 1380 1406 1423 1460 1518 1537 1598 1632 1634 1641 1652 1745 1820 1884 1904 1954 1981 2105 2226 2341 2365 2453 2467 2564
632 75 397 800 815 816 971 1169 1326 1363 1383 1403 1672 1848 1855 1874 1875 2072 2366 2425 2428 2453 2564
633 16 191 213 390 397 446 579 651 654 666 735 761 766 789 791 845 850 859 1026 1032 1153 1306 1331 1332 1353 1365 1366 1383 1422 1450 1482 1512 1544 1598 1632 1634 1641 1642 1652 1654 1797 1917 1978 2104 2156 2175 2306 2321 2359 2375 2392 2417 2593 2596
634 16 106 165 213 214 246 282 390 397 423 462 530 579 624 665 666 789 791 850 869 891 980 1032 1142 1147 1151 1153 1227 1261 1273 1278 1306 1332 1373 1383 1460 1485 1494 1506 1510 1544 1587 1632 1634 1642 1820 1856 1865 1903 1904 1955 2027 2030 2032 2048 2117 2193 2280 2341 2370 2417 2451 2467 2520 2564 2571 2593 2596
635 16 103 106 173 246 400 666 667 725 735 761 815 843 858 869 873 891 907 911 971 1032 1146 1212 1213 1246 1261 1281 1331 1332 1363 1432 1506 1544 1632 1640 1641 1642 1856 1906 1955 1958 2005 2072 2270 2335 2342 2375 2412 2417 2501 2589
636 165 194 226 241 264 282 284 370 417 423 473 686 751 958 1080 1114 1303 1382 1383 1460 1587 1631 1634 1820 1856 1875 1910 2032 2062 2072 2124 2137 2453 2464 2467 2564
637 226 423 436 498 571 683 843 1080 1136 1138 1168 1835 1896 2105 2137 2263 2264 2495 2564
638 16 106 165 173 178 213 246 397 423 475 530 562 570 579 666 669 686 789 845 850 891 980 1227 1278 1285 1331 1332 1380 1383 1398 1460 1506 1510 1512 1656 1820 1835 1856 2104 2105 2117 2174 2175 2365 2370 2417 2453 2467 2480 2520 2564 2568 2596
639 74 165 172 187 222 226 249 262 264 269 286 370 394 416 434 439 560 562 570 579 690 733 843 845 850 1131 1137 1270 1373 1383 1503 1510 1512 1547 1607 1820 1856 1884 1897 2030 2048 2071 2104 2105 2193 2280 2319 2320 2321 2338 2451 2467 2475 2564 2568 2584
640 165 191 262 318 335 397 665 669 789 794 871 952 1080 1153 1321 1349 1383 1406 1425 1531 1537 1632 1856 1904 1932 1952 1981 2319 2370 2453 2467 2499 2520 2564 2585
641 153 213 214 318 397 466 476 548 654 679 735 789 859 871 1026 1032 1142 1349 1353 1354 1365 1380 1421 1505 1562 1585 1598 1632 1634 1640 1642 1645 1652 1898 1904 1978 1981 2175 2306 2310 2319 2365 2369 2585 2596
642 24 42 165 171 370 394 397 423 424 438 439 473 579 597 693 733 765 789 800 850 852 888 1080 1147 1229 1261 1332 1343 1356 1366 1373 1383 1386 1460 1505 1507 1607 1634 1820 1856 1884 1897 2038 2071 2072 2077 2084 2137 2193 2225 2280 2321 2340 2341 2458 2467 2564
643 74 111 172 221 264 269 370 394 423 434 439 506 579 591 800 815 837 845 850 866 958 1137 1158 1163 1168 1356 1376 1383 1436 1474 1607 1616 1824 1874 1897 1983 1988 2040 2105 2121 2122 2124 2137 2193 2280 2321 2340 2450 2451 2466 2467 2514 2520 2524 2568
644 74 165 261 394 423 439 455 475 526 552 579 666 685 735 789 800 816 845 850 869 891 958 1080 1116 1147 1261 1319 1332 1386 1432 1460 1477 1529 1634 1856 1865 1884 1897 2014 2071 2072 2137 2174 2193 2225 2257 2263 2319 2321 2340 2409 2417 2430 2467 2502 2593
645 106 241 267 370 529 807 815 850 971 1096 1169 1326 1332 1379 1403 1432 1529 1608 1639 1855 1856 1877 1884 1936 2072 2319 2322 2342 2359 2429 2467 2501 2564 2568 2589 2590
646 24 56 187 264 282 778 1055 2406
647 5 165 187 264 394 423 434 439 571 733 789 800 834 845 851 852 870 958 965 1080 1129 1158 1304 1367 1373 1383 1474 1512 1856 1988 2032 2038 2048 2077 2121 2122 2137 2193 2263 2321 2340 2346 2358 2449 2464 2466 2520 2524 2564 2570 2579
648 82 264 282 423 458 922 928 955 1029 1055 1272 1626 1910 2082 2111 2406 2453
649 5 75 82 149 165 226 231 264 277 284 417 429 458 489 686 751 800 928 965 1029 1129 1198 1367 1369 1376 1382 1383 1626 1835 1897 1910 2013 2033 2038 2040 2111 2121 2122 2124 2137 2453 2458 2464 2466 2477 2483 2564
650 16 106 165 173 269 370 530 608 666 733 734 789 791 843 850 857 873 875 924 971 1121 1147 1195 1203 1213 1261 1331 1332 1336 1350 1373 1379 1383 1400 1468 1486 1494 1544 1607 1634 1639 1817 1820 1830 1856 1903 1910 1922 1936 1958 2048 2071 2072 2193 2342 2365 2375 2409 2467 2490 2510 2556 2589 2596
651 161 165 212 214 224 262 394 435 439 560 570 599 657 685 716 772 789 800 844 845 852 1080 1147 1229 1261 1301 1366 1373 1383 1386 1460 1544 1608 1645 1856 1884 1897 1974 2025 2038 2077 2084 2105 2166 2193 2197 2263 2320 2321 2358 2427 2428 2458 2467 2481 2493 2564 2568 2572 2596
652 28 135 191 392 406 408 416 423 436 439 513 560 657 716 804 817 844 845 847 852 866 924 958 1158 1262 1372 1383 1634 1856 1897 1976 2052 2105 2137 2193 2201 2227 2250 2271 2307 2338 2358 2363 2427 2431 2458 2493 2509 2521 2528 2529 2554 2564 2578

653 177 191 318 665 1380 1387 1490 1632 1652 1988 2365 2467 2470
654 177 191 262 279 318 397 423 651 669 735 859 1041 1303 1349 1380 1383 1544 1632 1646 1652 1954 1981 2030 2175 2319 2370 2453 2456 2467 2520 2593
655 103 239 278 438 498 590 674 725 733 751 850 891 1080 1121 1151 1155 1170 1261 1304 1319 1332 1373 1383 1460 1486 1518 1529 1534 1607 1629 1820 1856 1884 1906 2071 2130 2193 2319 2321 2388 2416 2417 2453 2467 2487 2501 2588 2596
656 52 165 194 238 278 366 370 397 424 438 474 498 693 725 751 789 799 800 845 869 1080 1160 1213 1261 1303 1319 1373 1383 1386 1460 1518 1607 1612 1631 1634 1656 1820 1855 1856 1891 2038 2072 2096 2137 2250 2280 2321 2341 2453 2467 2501 2581 2588 2596
657 16 103 164 173 246 548 579 646 725 735 761 782 791 799 807 850 866 873 1080 1147 1157 1212 1226 1261 1331 1332 1338 1379 1432 1477 1486 1518 1529 1632 1641 1644 1656 1797 1856 1860 1903 1958 2021 2270 2319 2321 2342 2388 2417 2458 2490 2588 2593 2596
658 16 106 165 246 264 267 397 424 439 590 666 693 696 725 789 791 800 850 869 875 891 980 1080 1147 1261 1319 1332 1373 1383 1443 1460 1485 1486 1518 1629 1656 1813 1820 1856 1884 1888 1905 1983 1988 2241 2280 2319 2341 2417 2420 2453 2458 2467 2487 2501 2593 2596
659 67 173 214 394 411 416 423 462 555 665 666 791 891 980 1146 1273 1301 1371 1383 1398 1460 1485 1512 1518 1526 1633 1645 1656 1797 1820 1856 1884 1904 1994 2032 2048 2072 2104 2263 2280 2306 2321 2359 2467 2520 2564 2593 2596
660 52 129 165 246 394 423 438 634 666 725 735 791 852 891 966 1080 1147 1164 1170 1261 1273 1319 1330 1343 1356 1372 1379 1382 1383 1398 1445 1460 1645 1681 1797 1856 1860 1904 2072 2149 2151 2220 2263 2338 2342 2346 2417 2467 2487 2572 2596
661 52 91 103 106 165 194 369 397 400 416 424 438 475 498 579 658 693 725 751 761 789 791 800 807 869 891 1080 1147 1157 1212 1261 1319 1331 1363 1373 1383 1386 1443 1457 1460 1486 1508 1518 1526 1544 1628 1644 1656 1820 1856 1865 1884 1891 2084 2149 2174 2321 2342 2388 2403 2501 2564 2588 2596
662 21 69 103 141 246 276 326 397 400 632 658 665 666 735 791 797 807 843 891 1032 1141 1142 1212 1278 1306 1326 1331 1332 1380 1445 1457 1486 1512 1544 1629 1632 1640 1642 1643 1792 1797 1860 1903 1904 1978 2104 2257 2306 2319 2365 2375 2417 2593 2596
663 91 106 165 241 423 424 434 439 590 725 743 751 758 763 765 789 800 818 845 858 891 980 1080 1147 1261 1319 1332 1356 1363 1373 1383 1386 1460 1486 1518 1607 1640 1656 1856 1888 1983 1998 2038 2320 2321 2322 2370 2393 2453 2467 2564 2568 2596
664 91 106 141 165 222 290 400 424 439 475 545 548 560 562 590 693 725 751 761 789 800 843 845 866 891 898 980 1041 1080 1147 1170 1194 1203 1261 1306 1319 1326 1332 1338 1356 1365 1373 1379 1383 1386 1457 1460 1486 1518 1612 1632 1656 1813 1820 1856 1906 2048 2071 2084 2149 2193 2263 2270 2280 2319 2320 2321 2412 2417 2428 2430 2448 2453 2460 2467 2487 2513 2588 2596
665 52 103 151 171 276 368 400 632 665 666 721 735 761 782 848 869 891 980 1032 1097 1141 1146 1212 1278 1319 1331 1332 1363 1443 1457 1486 1518 1544 1560 1629 1632 1643 1644 1645 1879 1880 1900 1905 1906 1911 2072 2084 2149 2174 2315 2341 2342 2345 2375 2408 2412 2417 2430 2456 2460 2490 2501 2588 2592 2596
666 68 196 716 735 791 1032 1080 1147 1170 1241 1379 1380 1544 1633 1634 1680 1728 1797 1813 1856 1903 1904 1918 1957 2187 2398 2417 2430 2596
667 173 175 186 239 390 548 666 705 788 861 873 888 1104 1120 1194 1226 1227 1256 1285 1310 1321 1400 1414 1477 1486 1503 1510 1526 1547 1640 1772 1847 1856 1922 1999 2174 2192 2200 2287 2307 2319 2321 2364 2417 2456 2459 2490 2590
668 21 52 91 103 106 138 165 238 246 397 400 424 475 658 693 725 761 791 807 810 891 980 1032 1080 1147 1151 1155 1261 1303 1319 1332 1363 1366 1373 1383 1406 1443 1445 1460 1485 1486 1518 1535 1540 1611 1634 1644 1656 1672 1820 1856 1865 1884 1897 1906 1998 2072 2149 2193 2270 2280 2322 2342 2370 2375 2393 2414 2419 2467 2501 2514 2528 2588
669 21 103 164 186 191 238 239 400 498 590 658 665 735 789 791 807 843 858 875 891 911 971 980 1032 1095 1121 1151 1261 1303 1332 1338 1363 1479 1485 1486 1518 1632 1644 1656 1830 1856 1900 1905 1906 1958 2005 2283 2340 2342 2370 2375 2408 2417 2453 2460 2490 2514 2588
670 106 141 153 165 196 246 279 282 390 397 400 475 579 658 725 735 761 789 799 850 891 907 911 980 1032 1141 1147 1261 1319 1363 1383 1445 1460 1510 1518 1526 1632 1633 1634 1644 1656 1820 1856 1884 1958 1983 2071 2079 2104 2193 2280 2321 2326 2453 2464 2467 2564 2566
671 52 239 397 400 443 475 733 735 761 782 791 818 971 980 1032 1080 1096 1114 1141 1363 1486 1529 1544 1547 1628 1644 1847 1856 1875 1958 2004 2321 2322 2326 2453 2487 2597
672 239 246 370 400 475 646 666 733 735 761 782 851 873 907 971 1032 1096 1131 1195 1261 1327 1363 1364 1400 1457 1486 1518 1541 1607 1639 1644 1779 1830 1856 1922 2048 2071 2099 2319 2375 2417 2487
673 106 165 172 221 222 223 239 241 274 279 386 397 424 439 475 562 590 666 693 751 761 789 845 848 852 891 925 967 1080 1086 1103 1105 1147 1229 1261 1303 1319 1343 1356 1366 1383 1386 1460 1513 1522 1547 1608 1820 1847 1856 1884 1886 1897 2038 2077 2084 2105 2117 2121 2174 2225 2247 2250 2263 2321 2322 2377 2458 2464 2467 2478 2493 2520 2528 2572
674 52 91 106 129 173 187 239 290 499 590 597 666 705 735 761 807 850 873 1080 1147 1285 1319 1366 1371 1373 1379 1406 1460 1479 1485 1486 1517 1529 1544 1634 1645 1779 1820 1856 1884 1903 2021 2056 2061 2071 2280 2287 2321 2340 2359 2403 2417 2421 2430 2453 2475 2501 2514 2528 2593
675 194 212 222 223 238 246 348 394 416 423 436 438 541 560 569 570 571 590 693 735 751 789 800 817 834 844 845 846 852 967 1054 1080 1103 1147 1158 1229 1273 1287 1319 1321 1343 1356 1369 1379 1380 1383 1386 1395 1445 1460 1529 1544 1645 1680 1856 1884 1886 1897 1904 1974 2032 2105 2117 2137 2250 2263 2320 2330 2358 2377 2427 2464 2467 2477 2486 2487 2491 2493 2508 2521 2559 2578
676 52 91 103 163 165 238 239 276 348 400 418 424 438 590 666 693 725 761 782 800 807 810 811 869 891 1032 1080 1095 1147 1155 1303 1319 1332 1334 1343 1366 1383 1443 1457 1460 1486 1513 1529 1530 1544 1606 1856 1860 1897 1998 2002 2004 2071 2117 2270 2408 2414 2417 2421 2453 2474 2501 2528 2588
677 11 103 163 165 191 246 276 279 400 475 579 658 693 725 735 761 782 791 799 807 816 891 980 1032 1141 1142 1146 1261 1319 1332 1363 1366 1373 1460 1485 1486 1508 1513 1518 1544 1629 1632 1644 1656 1820 1856 1874 1880 1900 1904 1911 2071 2072 2105 2151 2159 2270 2341 2375 2408 2417 2418 2453 2467 2568
678 129 173 175 191 205 246 290 393 394 548 610 658 705 735 759 791 850 861 869 873 891 1022 1032 1140 1142 1150 1208 1256 1343 1363 1371 1383 1420 1457 1468 1483 1486 1510 1518 1526 1529 1562 1599 1632 1773 1797 1856 1884 1904 1929 1955 2002 2084 2174 2200 2270 2299 2364 2365 2375 2387 2408 2417 2501 2564 2596
679 91 106 165 194 238 239 243 246 278 279 400 424 438 693 725 735 751 858 891 1080 1147 1155 1261 1286 1319 1332 1356 1363 1365 1366 1373 1383 1386 1445 1460 1467 1486 1508 1513 1518 1560 1628 1656 1820 1856 1897 1900 1988 1998 2027 2071 2072 2105 2174 2280 2322 2326 2366 2403 2453 2458 2467 2475 2490 2501 2504 2514 2564 2581 2591
680 165 173 222 239 278 394 423 424 436 560 590 597 598 658 666 693 696 733 761 789 799 834 848 851 858 866 924 967 1080 1105 1147 1160 1179 1203 1286 1321 1338 1366 1367 1371 1373 1383 1386

1406 1460 1485 1518 1607 1856 1860 1884 1897 1998 2000 2021 2038 2071 2117 2137 2174 2193 2225 2247 2250 2263
2288 2321 2326 2340 2377 2414 2416 2474 2514 2564 2584
681 106 153 194 261 348 394 423 424 439 475 685 696 733 751 789 799 800 845 866 869 888
965 1080 1103 1137 1147 1158 1229 1251 1286 1338 1356 1367 1373 1379 1383 1386 1432 1445 1460 1518 1640 1813
1856 1884 1891 1897 1922 2038 2077 2137 2174 2193 2250 2263 2320 2321 2358 2453 2480 2571 2593
682 106 165 212 213 214 246 279 394 397 411 416 434 497 555 589 665 666 669 761 764 789
791 852 869 891 925 1131 1147 1228 1229 1273 1301 1332 1349 1383 1398 1445 1477 1483 1485 1640 1645 1797
1856 1884 1897 1904 1994 2000 2030 2032 2104 2175 2263 2280 2321 2326 2359 2417 2453 2467 2520 2536 2564 2593
2596
0

ABUOXYPRACAACA ACAACO ACAACU_AACAACU_BACAACU_CACAAEMAEACAAEMMUACAAFFANACAAFFTE
ACAALA ACAANC ACAAND ACAANF ACAANT ACAAPP ACAASC ACAASSASACAASSATACAATAMA
ACABARBAACABARBOACABEA ACABID ACABIF ACABLA ACABRA_AACABRA_BACABRU ACABUR
ACACAM ACACAN ACACEL ACACHA ACACHR_AACACHR_BACACOL ACACOOCOACACOOEFACACRA
ACACRI ACACUN ACACYC ACACYL ACADEF ACADEP ACADIA ACADIC ACADIE ACADISIN
ACADREMIACADRU ACAENEEXACAERE_BACAERI_AACAERI_BACAERI_CACAEXT ACAFLAOVACAFRA
ACAGLA_AACAGLA_BACAGON ACAHEM ACAHETHEACAHETPRACAHUE ACAINC ACAINS ACAINT
ACAISONIACALAN ACALARCRACALAS_AACALAS_BACALAT ACALEPLEACALINLIACALON ACAMAC
ACAMAX ACAMEI ACAMER ACAMIC ACAMIMANACAMOIMOACAMOIREACAMUL ACAMUR ACAMYR
ACANER ACANEU ACANIG_BACANYS ACAOCT ACAPAC_AACAPAC_BACAPAR ACAPHA_AACAPHA_B
ACAPINTEACAPRE_AACAPRE_BACAPRI ACAPRO ACAPUL_AACAPUL_BACAPYC ACARAMRAACARES_A
ACARES_BACARHO ACARIG ACAROB ACAROS_AACAROS_BACASAL ACASCLSpACASCLSsACASER
ACASES_AACASES_BACASIB ACASOR ACASPA ACASPH ACASPI ACASQU ACASTE ACASTEST
ACASUL ACATET ACATRA ACATRI ACAULI ACAUNC ACAUNI ACAURO ACAVARPAACAVER
ACAWIL ACAYORACACEVUL ACRCOR ACRPAT ACRRAM ACTARE ACTPYR ACTULI ADEARG
ADEBAR ADECUN ADECYG ADEFLA ADEGLAGLADEMEI ADEOBO AGOOBT AGOPAR AGOSPASP
AGRAVE AGRPRE AGRSCA AGRSTY AIRCAR AIRPRA ALENIT ALLACU ALLCAM ALLCOR
ALLFRA ALLHUE ALLHUM ALLLEH ALLMIC ALLPIN ALLSPI ALLTHU ALUAPP ALUASPLO
ALYBUX ALYHAK ALYHUEWRAMPAMP AMPAVE AMPDEB AMPHCS AMPLAG AMPNER AMPPRO
AMPTUR AMYMIQ AMYPRE ANAARV ANAEGR ANAGRA ANAHUM ANALAE ANAPRO ANASCA
ANDAFFPAANDCAE ANDCAR ANDGRA ANDLEH ANDMAC ANDPAR ANDSPBF ANDSPR ANGPRE
ANGTOM ANIBIC ANIHUM ANIMAN ANIRUF ANTJUN ANTLIT ANTRUB AOTGEN AOTPRO
APHBRI APHCYP APHDRU APHNUT APIANN ARCCAL ARGNIV ARGTEP ARICON ARIHOL
ARTCUR ARTDYE ASPASP ASTAMB ASTATH ASTBAX ASTCAT ASTCIL ASTCOM ASTDRU
ASTEPA ASTHET ASTHUM ASTLIN ASTMAC ASTPAL ASTPED ASTPRO ASTSER ASTSP._B
ASTTEC ASTXER ATRLININATRNAN ATRPAL ATRSEM_AATRSEM_BATRVES AUSACR AUSAFFER
AUSCAM AUSCOM AUSDRU AUSELE AUSERE AUSFLA AUSHEM AUSJUN AUSMAC AUSMOL
AUSNIT AUSOCC AUSPIL AUSPLU AUSPUB AUSPYC AUSSCASCAUSSEM AUSSETGPAUSSPGO
AUSTEN AUSTRI AUSVAR AVEBAR AVEFAT AVEMIC AVESAT BAEBLA_ABAEBLA_BBAECAM
BAECOR BAECRAICBAECRI BAECRIKUBAECRY_ABAECRY_BBAEELD BAEGRA_ABAEGRA_BBAEGRA_C
BAEGRAAFBAEGRAFABAELAT BAEMAR BAEMEG BAEMUR BAEPOL BAEPRE BAEREC BAEROS
BAESP._ABAESP._BBAESP._CBAESP._DBAESPMO BAETEN BALPUL BANATT BANBAU BANBLE
BANCAL BANCAN BANCHA BANELD BANGAR BANGRA BANILI BANINC BANLAELABANLAN
BANLEP BANLIT BANMED BANMEIMEBANMEN BANNUT BANPET BANPIL BANPRI BANPUL
BANREP BANSCA BANSCE BANSPE BANSPH BANVIC BANVIO BARTRI BAUJUN BEABIC
BEABRA BEADEC BEAELE BEAEMP BEAINC BEAINT BEAMIC BEAORB BEASCH BELGRA
BERDIM BEYBRE BEYGAR BEYLEC BILCOR BILLAX BILLEH BILSER BILVAR BLEDRU
BLEPHL BONROS BORALB BORBUS BORCAPCABORCOE BORCON BORCRA BORCRE BORCYM
BORERI BORFABFABORINC BORINO BORJUN BORLAC BORNIT BOROVA BORPUR BORRAM
BORSCASCBORSCI BORSPA BORSPH BORSUB BORTER BOSERI BOSHAL BOSLIN BOSORN
BOSPRE BOSRUF BOSSP. BOSSPI_ABOSSPI_BBRABEL BRACEL BRACHE BRACIL_ABRACIL_B
BRACON BRADIS BRAEXI BRAGLA BRAGON BRAIBE BRAPER BRAPRA BRAPRE BRAPUS
BRASP20 BRATOU BRIMAX BRIMIN BROARE BRODIA BROHOR BROMAD BRORUB BRUAUS
BULBAR BULSEM BUPSEM BURCON BURMON BURMUL BUROCC CAEALF CAEMIC CAEOCC
CALAFFPLCALAFFPTCALAFFROCALAFFVICALAML06CALANG CALAUR CALBAR CALBLE CALBRA
CALBRE_ACALBRE_BCALBRE_CCALBRE_DCALBRESTCALCAEX CALCAI CALCAL CALCAN CALCHA
CALCOR CALCYA CALDEC CALDEP CALDIM CALDIS_ACALDOU CALDRU_ACALDRU_BCALERE
CALERY CALEXIEXCALFAL CALFIL CALFLA_ACALFLA_BCALFRA_ACALGIB CALGIL CALGLA
CALGRA_ACALGRA_BCALGRA_CCALGRA_DCALGRAWHCALHIE CALHIR_ACALHIR_BCALHIS_ACALHOF
CALHOM CALHUE CALINC CALINT CALLAT CALLEH_BCALLES CALLON CALMAC CALMAR
CALMES CALMIC CALMUL_ACALMUL_BCALMUL_CCALNOB CALOLD CALPAC CALPAR CALPAU
CALPEC CALPENPECALPHO CALPIG CALPLA CALPOL_ACALPOL_BCALPOR CALPRE CALPTY
CALPUL CALPUM CALPUR CALQUA CALRAD_ACALREP CALROE_ACALROE_BCALSAC CALSAN
CALSAP CALSIG CALSP._CCALSPL CALSTR CALTET CALTUB CALVAR CALVER CALVIO
CALVUL CALVULX CARANN CARMOD CASAUR CASAURMLCASFLA CASGLA CASMEL CASNOD
CASOBE CASPOM CASRAC CATENO CAUDIO CAUGIG CAUSP. CENAFFCECENALE CENARI
CENCEP CENDRU CENERE CENERY CENGLA CENHUM CENINC CENMEL CENMUT CENPIL
CENPOL CENSPI CENSTR CEPCAR CEPDRU CERGLO CEROBI CHACIL CHACOR CHADRUDR
CHADRUHACHAFIM CHAMAC CHAMEG CHANAV CHAPAUPACHAPAUTHCHASER CHASPI CHAVER
CHEAUS CHECUR CHEGAU CHESIE CHLCOC CHLGAR CHOACI CHODIC CHOENO CHOGEN
CHOGLO CHOGLY CHOHAL CHOLAT CHOLAX CHOOBT CHORAC CHORET CHOSIN CHOSP.
CHOSPH CHOUNC CHRAPI CHRDIS CHRSEM CHTPSE CICFIL CICQUA CLEANG CLEDEL
CLEPUB COLMYR COMAUS COMCAL COMCIL COMDRU COMFLA COMINT COMPOL COMSCO
COMSPI COMVIR COMVOL CONACU CONAFFSECONAND CONARG CONAUR CONBEA CONBORBO
CONBRE CONBRO CONCAE CONCAN CONCAP CONCARCACONCRAABCONDRU CONFLO CONJUN
CONLAX CONLEP CONMIC CONPEN CONPET CONPOL CONPRO CONPUS CONRES CONROB
CONROE CONROG CONSCA CONSEOSECONSER CONSET_ACONSET_BCONSP20 CONSTO CONSTY
CONTER CONTRI CONVAG CONVIL CONWON COOPOL COOSTR CORFLA CORMIC CORMICPA
COTAUS COTBIP COTCOR COTCOT CRACLO CRACOL CRADEC CRAEXS CRANAT CRAPED
CRASIE CRATHUTHCRAVAR CRIBIL CRYAPEANCRYARB CRYDIE CRYGRA CRYLEU CRYMINBR
CRYMINMICRYMYR CRYNOL CRYNUD CRYNUT CRYPOLPOCRYPUN CRYREC CRYSCOMICRYSPY
CRYWIC CRYWIL CUSEPI CUSPLA CYAAMP CYAAVE CYACAEAPCYACLA CYADEF CYAGEM
CYASER CYPTEN CYRHUE CYRROB DAMALA DAMALT DAMANGANDAMANGGRDAMCAN DAMFAS

DAMINC DAMJUN DAMLAV DAMLIN_ADAMLIN_BDAMOBL DAMOLI DAMPED DAMSAC DAMSPI
DAMTER DAMWEL DARCIT DARDRU DARINC DARPUR DARSPE DARVES DASBRO DASOBL
DAUGLO DAVABN DAVARG DAVART DAVAUD DAVBEN DAVCAR DAVCOR DAVCOS DAVDAP
DAVDEC DAVDIVLADAVGRA DAVHAK DAVHOR DAVINC DAVINF DAVINT DAVLAN DAVLON
DAVMAJ DAVMIC DAVMOL DAVNEM DAVNEW DAVNUD DAVOXY DAVPAC_ADAVPAC_BDAVPED
DAVPOD DAVPRE DAVRHO DAVSCO DAVTER DAVTOR DAVTRI DAVUNI DESASP DESELO
DESFAS DESFLE DESMYR DESPAR DESQUI DESSEM DEYQUA DIABRE DIAREV DICCAP
DICCOR DICCRI DICFIM DICPRE DICPREAFDILACE DILSP. DILUNC DIOHAS DIPDRU
DIPGRA DIPVEL DISBRA DISCRA DIUAFFCODIUCOR DIULAX DIULON DIUPOR DIUREC
DIUSET DIUSPN18DODADE DODAMB DODBUR DODCAE DODCER DODCON DODDIV DODERI
DODHUM DODINA DODLAR DODPIN DODPTA DODSTE DODVIS DROAND_ADROAND_BDROBAR
DROBUL DROERI DROERY DROGIG DROGLA DROHET DROINT DROLEU DROLOW DROMAC_A
DROMAC_BDROMEN DROMIC DRONEE DRONEEBODROOCC DROPAL_ADROPAL_BDROPAR DROPLA
DROPUL DROPYC DRORAD DRORAM DROREC DROROS DROSCO DROSP21 DROSTO DROSUB
DROZON DRUHAS DRYARM DRYASPM DRYBIP DRYCAL DRYCAR DRYCAT DRYCIR DRYCON
DRYCUN DRYCYN DRYCYP DRYDRU DRYERY DRYFER DRYFOL DRYFRA DRYGLA DRYHOR
DRYLIN DRYNIVNIDRYNOBNODRYOBT DRYOCT DRYPAL DRYPLA DRYPRA DRYPRO DRYPTE
DRYPUL DRYPUR DRYQUE DRYRUF DRYSEN DRYSER DRYSES DRYSHU DRYSPEMADRYSPESP
DRYSQUSQDRYSUB DRYTENREDRYTENTEDRYVES DRYWON DRYXYL ECDMON ECHPLA EHRBRE
EHRCAL EHRLON ELAGRA ELYBRU ELYEMA ELYSCA EMEAUS ENCTOM ENECLA ENESES
EPIBIL ERADIE EREAFFCLEREALT EREASTASEREASTHIEREBEA ERECLA EREDEC EREDES
EREDRU EREEBRBREREEBREBEREFOR EREGLAELEREGRA EREION ERELAT ERELEH EREOLD
EREOPP EREPAU EREPSI ERESCO ERESER_AERESER_BEREVIOVIERIDIL ERIHEL ERIOVA
ERISCL EROAUR EROBOT EROCIC EROCYG ERYPIN ERYPINMIERYPINPIERYRAM ERYTEN
EUCACC EUCALB EUCALI EUCANN EUCARAAREUCARG EUCASTASEUCASTREEUCBUR EUCCAL_A
EUCCAL_BEUCCAMOBEUCCAP EUCCAPCAEUCCAPPOEUCCELVIEUCCOL EUCCON EUCCYL EUCDEC
EUCDEN EUCDEP EUCDIE EUCDIS EUCDRU EUCEBB EUCERE EUCERYEREUCERYMAEUCEUD
EUCEXT EUCFAL EUCFLO EUCFOE EUCFOR EUCGARGAEUCGON EUCGRA_AEUCGRA_BEUCGRO
EUCHEB EUCHYPECEUCHYPHYEUCINC EUCIND EUCJUC EUCKES EUCKOCHOEUCKOCKOEUCKOCPL
EUCKON EUCLAT EUCLEH EUCLEP_AEUCLEP_BEUCLIN EUCLON EUCLOXLIEUCLOXLOEUCLXS
EUCMAC EUCMAR EUCMEL_AEUCMEL_BEUCMIS EUCMYR EUCNEU EUCOCC EUCOLD EUCPAC
EUCPAT EUCPER EUCPHAPHEUCPHE EUCPIL EUCPLA_AEUCPLA_BEUCPLE EUCPLUPLEUCPOL
EUCPYR EUCQUA EUCRIG_AEUCRUD EUCSAL_AEUCSAL_BEUCSAL_CEUCSAR EUCSCY EUCSHE
EUCSPA EUCSPH EUCSPO EUCSTO EUCSUBCEEUCSUBSUEUCSUGSUEUCSYS EUCTEN EUCTEP
EUCTET_AEUCTOD EUCTRA EUCTUM EUCUNC EUCURN EUCVAL EUCVAR EUCVEG EUCWAN
EUCYIL EUPAUS EURLEP EURMAI EUTASP EUTMIC EXOAPH EXOSPA FELNIT FRACON
FRADES FRAFUC FREALB GAHANC GAHARI GAHAUS GAHDRU GAHLAN GAHSP. GAHTRI
GALAPA GALDIV GALMUR GASBIL GASCAL GASCRA GASDEN GASFLO GASHET GASMIC
GASNUT GASOXY GASPAR_AGASPAR_BGASRIG GASSPI GASTET GASTRI_AGASTRI_BGASVEL
GASVIL GELVER GENNIG GERDIS GERMOL GERRET GERSOL GILOSB GILTEN GLAUND
GLIAUR GLIFLA GLODRU GNEACI GNEANG GNEDRU GNETEN GNETRI_AGOMBAX GOMBUR
GOMCAP GOMCON GOMFRU GOMGLU GOMHEN GOMKNI GOMMAR GOMOBC GOMOVA GOMPOL
GOMPRE GOMSCA GOMTOM GOMVIS GONBEN GONCON GONCOR GONNOD GONPAN GONPIT
GONPYC GOOAFF GOOBER GOOCAE GOOCON GOOMIC GOOMIM GOOOCC GOOPIN_AGOOPUL
GOOPUS GOOSCA GORPER GREACA GREACU GREANE GREARG GREBIF GREBIP GREBIT
GRECAG GREDEP GREDID GREDIS GREDOL GREERI GREEXC GREHAK GREHOO GREHUE
GREINS GREINT GRELEP GREMANMAGREMON GREOBLOBGREOLI GREPAN GREPAR GREPAU
GREPEC GREPET GREPIL GREPIN_AGREPIN_BGREPIT GREPLUSUGREQUE GREROY GRESAR
GRESHU GRESYN GRETEN_AGRETEN_BGRETER GRETRI GREUMB GREUNC GREYOR GUIANG
GUIMIC GUISAR GUNINT GUNQUA GUNRUB HAEDIS HAELAX HAEPAN HAESIM HAESPA
HAESPI HAETAT HAKADN HAKAFFLIHAKAFFSTHAKAUR HAKBAX HAKBRA HAKBUC HAKCAN
HAKCER HAKCIR HAKCLA HAKCOM HAKCOR HAKCYC HAKCYG HAKDEN HAKENE HAKERE
HAKERI HAKFLA HAKFRA HAKGIL HAKHOR HAKINC HAKINV HAKLAS_BHAKLAU HAKLEH
HAKLIS HAKMAR HAKMEI HAKMIN HAKMUL HAKNEW HAKNIT HAKOBL HAKPAN HAKPET
HAKPLA HAKPRE HAKPRO HAKPSI HAKPYC HAKRECARHAKRECREHAKRUS HAKSCOSCHAKSMI
HAKSTE HAKSTR HAKSUB HAKSUL HAKTRI HAKUND HAKVAR HALANAANHALANAPRHALAND
HALCYA HALHAL HALIND HALINT HALLAV HALLEP_AHALPER HALSER HALTRI HARFER
HARLAT HEDRHA HELLEU HEMINC HEMOBO HEMPUN HEMSER HEMSP. HEMTER HEMVIS
HIB_gla HIB_glo HIBACE HIBAFFEAHIBAFFGRHIBAFFINHIBARC HIBAUR HIBCOM HIBCON
HIBCRA HIBCUN HIBDES HIBDRU HIBEAT HIBENE HIBEXA HIBGLA HIBGLO HIBGRA
HIBHUE HIBHYP HIBINC_BHIBLAS HIBLIN HIBMON HIBNOT HIBPOL HIBPUN HIBQUA
HIBRAC HIBREC HIBRHA HIBROS HIBRUP HIBSPI HIBSTE HIBSTO HIBSUB HIBTER
HIBTRI HIBUNC HIBVAG HIBVER HOLSET HOMHOM HOMINE HOPADS HORGEN HORGLA
HORLEP HORMAR HOVCHO HOVELL HOVTRI HYACOT HYADEM HYAGLO HYAGLUGLHYAZAC
HYBFLO HYDALA HYDCAL HYDDIA HYDMED HYDPIL HYDRUG HYDSCU HYPANG HYPEXS
HYPFAS HYPGLA_AHYPGLA_BHYPHUM HYPLIN HYPOCC HYPPUB HYPSTR HYPVAG ISOADE
ISOAUS_AISOBRE ISOBUX ISOCAR ISOCER ISOCON ISOCRI ISOCUN ISODIV ISODUB
ISOGAR ISOGRA ISOHYP ISOJUN ISOLIN ISOMAR ISONOD ISOOLD ISOPOL ISOSCA_A
ISOSCA_BISOSET ISOSP. ISOTER ISOTRI_AISOTRI_BISOVIL IXIVIS JACCAP JACCON
JACEPI JACFLO JACFUR JACGRE JACHAK JACHUM JACKCFDEJACLEH JACNEM JACNUT
JACRAC JACRES JACRIG JACRUB JACSPI JACSTE JOHACA JOHLUP JUNBUF JUNCAP
JUNKRAAUJUNPAL KENCOC KENEXI KENPRO KERHER KERINT KINAUS KULELU KUNERI_A
KUNERI_BKUNJUC KUNMIC_AKUNMIC_BKUNREC LABLANBRLABPUN LABTERGRLACERI LAGHUE
LAGOVA LAMAUR LAMECH LAMILI LAMINE LAMMULMULASCAR LASGLA LASMIC LASMOL
LASOLD LASROS LAWDAV LAWROS LAWSQU LAXBRA LAXGRA LAXMIN LAXOMN LAXPAL
LAXRAMDELAXRAMRALAXSESAULAXSESSELAXSQU LECBIL LECEXP LECJUN LECLIN LECPUL
LECTUB LEMBUR LEPAFFBRLEPAFFPULEPAFFRELEPAFFSPLEPAFFSQLEPAFFTELEPAPH_ALEPAPH_B
LEPAUS LEPBEN LEPBRU LEPCAR LEPCFANGLEPCHA LEPCOS LEPCUN LEPDRU LEPERU
LEPFAS LEPFIM LEPGRA LEPINE LEPIPC LEPISPN6LEPISPO2LEPLEP LEPLON LEPMAC
LEPMAX LEPMEN LEPNIT LEPOLI LEPOXY LEPPRE_BLEPPRE_CLEPPRU LEPPUB LEPPUBX
LEPRES LEPROE LEPROT LEPSCA LEPSCR LEPSP._ALEPSP._CLEPSP._DLEPSP02 LEPSP38
LEPSP46 LEPSPI LEPSPUN LEPSQU_ALEPSQU_BLEPSTR LEPTEN_ALEPVIS LEUAFFCOLEUAFFGL
LEUAFFHALEUAFFLALEUAFFOBLEUAFFSPLEUALL LEUAMP LEUAUS LEUBOS LEUBRE LEUCAP

LEUCON_ALEUCON_BLEUCRA_ALEUCRA_BLEUCSP11LEUCSP23LEUCSP24LEUCUC LEUCUN LEUCYM
LEUDIE LEUDIS LEUDUR LEUFIM LEUGIB LEUGLA LEUGRA LEUHAM LEUMIN LEUMUL
LEUNUT LEUOBL LEUOBO LEUOLD LEUOXY LEUPAR LEUPRO LEUREV LEUROT LEUSP._A
LEUSP._BLEUSP._CLEUSP._DLEUSP._ELEUSP._FLEUSP._GLEUSPMR LEUSPR LEUSTR LEUTAM_A
LEUTAM_BLEUVER LEVDUB LEVLEP LEVPAU LEVPRE LEVPUS LEVSTI LINLIN LINMAR
LOBGIB LOBHET LOBRAR LOBRHO LOBRHY LOBTEN LOBWIN LOGCAM LOGFAS LOGFLA
LOGMIC LOGSER LOGSPE LOGSTE LOGTOR LOLISP LOMAFFSULOMBRI LOMCAE LOMCOL
LOMEFF LOMHER LOMINT LOMMICMILOMMICROLOMMICTELOMMUC LOMNIG LOMNUT LOMPRE
LOMPUR LOMSER LOMSON LOMSPA LOMSUA LOXCIN LOXSTR LUPANG LUPCOS LUZMER
LYCAUS LYGBAR LYPSER LYSCIL LYSINV MACRIE MAICAR MAIENC MAIERI_AMAIERI_B
MAIGEO MAIGLO MAIMAR MAIPLA MAITHE MAITOM MAITRI_AMAITRI_BMALHUR MALROS
MALTUB MARBIC MARCOS MARDRU MARMUT MEDMIN MEDPOL MEDTRU MEECAN MEECOA
MEEKRA MELACFS MELACFU MELACUACMELACUWEMELADE MELADN MELAFFSEMELAFFSPMELAFFST
MELAFFUNMELAFFVIMELAGA MELAMY MELAPO MELASP MELBRA MELBRO_AMELBRO_BMELCAL_B
MELCAR MELCFAMYMELCFJOHMELCIL MELCLI MELCON_AMELCON_BMELCONX MELCOR_AMELCOR_B
MELCTE MELCUC MELCUT MELDEN MELDEP_AMELDEP_BMELELE MELELL MELFAB MELFIL
MELFIS MELFULFUMELFULSTMELGLA MELHAM_BMELHAP MELHOL MELINCINMELJOH MELLAN
MELLAT_AMELLAX MELLEP MELLEPAFMELLONLOMELMEG MELNEM MELPAUFAMELPAUPAMELPEN
MELPENPEMELPLA MELPLU MELPOL MELPRE MELPRO MELPSA MELPUL MELPUN MELQUA
MELRAD MELRHA MELRIG MELRYE MELSAP MELSCA MELSCU MELSER MELSOC MELSP._A
MELSP._DMELSPA_AMELSPA_BMELSPFL MELSPI MELSPWC MELSPWH MELSTE MELSTR_AMELSTR_B
MELSUB_AMELSUB_BMELSYS MELTEU MELTHY_AMELTHY_BMELTOR MELTRI MELTUB MELTUBAR
MELTUBMAMELUNC MELUNCGPMELUND MELVIL MELVIM MELVIR MELWON MENAUS MESAIT
MESCRY MESGRA MESNOD MESPRE MESPSE MESSTY MESTET MICCAP MICELO MICEXS
MICGLA MICIMB MICMED MICMULBAMICMULMUMICOBO_AMICOBO_BMICPAP MICPAU MICPIL
MICRAC MICSCA MICSTI MICSUB MICTEN MILMAJ MILMYO MILPER MILSTE MILTEN
MIRDEP MIRFLO MIRMIC MIRRAM MIRSPI MIRTRI MOEERE MONDEB MONGRA_AMONGRA_B
MONMEG MONOCC MONPAR MONPAX MORFLA MORSET MUEADP MURFRA MYOINS MYRGAS
MYRGUE MYROCC MYROLD MYRPYG NEMCAP NEMCAR NEMHOO NEMILI NEMOBO NEMPAU
NEMPLI NEMPUN NEMRET NEMSPA NEMTRI NEUALO NICOCC NICROS NUYFLO OLABEN
OLECIL OLEDAMEROLEEXI OLEMUE OLEPAU OLEPIM OLERAM OLIINS OLIMAC OLIMIC
OLIMUT OLIPIC OLIROE OLISAN OLISAR OLISPA OLIVIT OMPCON OPEAPI OPEECH
OPEHIS OPERUB OPESPE OPEVAG OPHGRA OPHLUS OROMIN ORTLAX OSTSAL OXACOR
OXAPER OXAPES OXAPUR PARCAR PARDEB PARINC PARLAT PARNIG PARVIS PATBAB
PATDRU PATGRA PATJUN PATOCC PATPYG PATRUD PATSP. PELHAV PELLIT PENAIR
PENPEL PERACI PERANG PERBIG PERBRE PERCOR PERELL_APERELL_BPERHEL PERHEX
PERLON PERQUI PERRUD PERRUF PERSAU PERSCA PERSTR PERTER PERTRI PETAFFSE
PETASP PETBRE PETCIR PETCON PETCYA PETDIV PETDRU PETDUB PETERI PETFAS
PETGLA PETHET PETIMB PETMAC PETMED PETMEG PETMER PETMIS PETPHY PETRCFER
PETREC PETRIG PETSCA PETSEM PETSER PETSHU PETSQU PETSTR_APETSTR_BPETTER
PHAMIN PHEAMB PHECAN PHEELE PHEFIL PHELAE PHELEP PHEMEG PHEMIC PHEOBO
PHETUB PHIAFFGAPHIDES PHIDRU PHIGARGAPHIPYG PHIRHO PHISPI PHITHR PHITOM
PHLCIL PHLDRU PHYCAL PHYCOR PHYDIV PHYDRU PHYLAC PHYLSP PHYMAX PHYPOR
PILFIL PILPED PIMAER PIMANG PIMARG PIMAVO PIMBREBRPIMCIL PIMERE PIMIMB
PIMMIC PIMPRE PIMSUAFLPIMSUASUPIMSUL PIMSYL PITANG PITATR PITHEM PITPUL
PITTER PITVER PLAAFFHIPLACIR PLACOM PLACOR PLADEB PLAEFF PLAGAL PLAHIS
PLAJUN PLAMAX PLATUR PLECSPDRPLUBAR POAANN POADRU POAPOR POAPORAFPODANG
PODAUR PODCAN PODCAP PODGAR PODGNA PODGRA PODKEN PODLES PODMIC PODTEP
PODUNI POGMUE POGSTR POLMON POMBIL POMMYR POMROT PORMIC PORSER PRAELA
PRAFIM PRAGRA PRAMAC PRAOVA PRAPAR PROFRA PROGRY PSACHO PSAPET PSELUT
PSEVIR PTE_NA PTEAFFMUPTEAFFPIPTEAFFSPPTEAFNADPTEBRE PTEDIL PTEESC PTEHAM
PTEPAN PTEREC PTESP._APTESP._BPTESP._CPTIAER PTIDEC PTIDIV PTIDRU PTIEXA
PTIGAU PTIHOL PTIHUM PTIMAN PTIOBO PTIPOL PTISER PTISPA PTISTI PUL_ver
PUL_ves PULAFFADPULCON PULELA PULEMP PULERI PULNEU PULOBC PULPAU PULRET
PULSPI PULVER PULVES PYRNIG QUIURV RANPUM REGINO RHABAC RHACRA RHADRU
RHAPRE RHARUDRURHOBAT RHOCHA RHOCHLRORHOCHLSPRHOCIT RHOCOR RHOFLO RHOHET
RHOLAE RHOMAN RHOMAR RHOPOL RHOPYG RHOSPI RHOSTE RHOSTR RHYLIN RICGLA
RICPSI RINCAR RINCOM RINCRA RINDIM RINFUM ROMROS ROSCRI ROSPUM RUMPUL
RUMPULPURUPPOL SAGAPE SAMJUN SANACU SANMUR SANSPI SCABUR SCACAL SCACAN
SCAGLA SCAHUM SCAMYR SCAPHL SCAPLA SCAREP SCARESRESCASPI SCATHE SCHAFFCL
SCHAFFGRSCHAFFPLSCHAFPLHSCHARM SCHBAR SCHBIF SCHBRE_ASCHBRE_BSCHBRESCSCHCAE
SCHCAL SCHCAS SCHCIL SCHCLA SCHCUR SCHDRU SCHEFO SCHELE SCHFILFISCHGLO
SCHGRA SCHGRI SCHHEX SCHHUM SCHINS SCHINV SCHJUN SCHLAE SCHLAN SCHLAT
SCHLEP SCHMIN SCHNAN SCHNANDWSCHNIT SCHOBT SCHODO SCHOSP24SCHOSPPBSCHPLE
SCHPLU SCHRAC SCHRIG SCHSCU SCHSES SCHSP._ASCHSP._BSCHSP._CSCHSP._DSCHSP._F
SCHSP._GSCHSP._HSCHSP._ISCHSPA SCHSPGP SCHSPW4 SCHSPWH9SCHSUB_ASCHSUB_BSCHSUB_C
SCHSUB_DSCHSUB_ESCHTERCLSCHUMB SCHUNI SCHVAFBRSCHVAR SCLDIA SCLDRU SCLFUS
SCLPAT SEBOVA SELGRA SENART SENARTFISENAxa SENAxc SENCHA SENGLO_BSENGLUX
SENHIS SENLAU SENMIN SENQUA SENSP. SIDCAL SILFIL SILGAL SILHUM SILMUL
SILNOC SILPYG SISERY SISIRI SISORI SISRUN SOLHET SOLLAS SOLORB SONASP
SONOLE SONTEN SOWLAX SPABUL SPASCI SPEDIA SPEMAR SPEPEN SPERUB SPHMED
SPICIL SPYCOR SPYMIC SPYMIN SPYMUCMUSPYPOL STAAXI STABRA STAGYM STAMON
STAMUR STAPOL STASCO STASP. STAVER STEANF STECOR STEEMA STEFIL_ASTEFIL_B
STEGRA STELIN STEMED STENOTCHSTENOTNOSTEPED STEPOI STEPOM STEPUM STERAM
STEROB STESAL STESP. STESTI STETRI STILAT STISIM STITEN STYADP STYAFF
STYAFFBUSTYAFFCASTYAFFDISTYAFFRESTYAMO STYASS STYAUS STYBRE STYBRU STYBUL
STYCAL STYCAR_ASTYCAR_BSTYCFREPSTYCHO STYCIL STYCOA STYCON STYCOR STYCRA
STYCRO STYCYG STYDIC STYDIE STYDIU STYECO STYELO STYEMA STYERI STYGLA
STYHIR STYHIS STYINT STYINU STYJUN STYLEP_BSTYLIM STYLON STYLUT STYMAC_A
STYMAC_BSTYMEL STYMIN STYNON STYNUN STYOBT STYPER_ASTYPET STYPIL_ASTYPIL_B
STYPIN STYPRE STYPUL STYPYC STYREP STYRHY STYRUP STYSAC STYSCA STYSCH
STYSPA_ASTYSPA_BSTYSQU STYSTO STYTEN_ASTYTEN_BSTYUNI SYNAFFCUSYNAFFDESYNAFFGR
SYNAFFINSYNAFIN2SYNASP23SYNBOY SYNCER SYNCON SYNCUN SYNDEC SYNDIV SYNFLA

SYNFLE	SYNFLO	SYNGRA	SYNINT	SYNMED	SYNOBT	SYNOLI	SYNPET	SYNSPIMA	SYNSPISP
SYNTRI	TEMACU	TEMDRU	TEMEGE	TEMRET	TEMSUL	TETAFF	TETCAP	TETCON	TETDIP
TETEFO	TETHIR	TETIMP	TETLAE	TETMIC	TETNUD	TETOCT	TETPIL	TETSET	TETSIM
TETVIR	TEUMYR	THE_MA	THEAFFHO	THEAFFMA	THEAFFPA	THEANT	THEBEN	THECAN	THECRI
THEFLE	THEMAC	THESTE	THETRI	THOFOL	THOMAC	THRAUS	THRBAE	THRCUS	THRDIF
THRHYP	THRKOC	THRMUC	THRRAC	THRSP.	THYARB	THYARE	THYDIC	THYGLA	THYGRA
THYMAN	THYMUL	THYPAT	THYPSE	THYREC	THYSPA	THYSPE	THYTEN_A	THYTEN_B	THYTHY
THYTRI	TOLBAR	TRACER	TRACYA	TRAELA	TRAORN	TRAPIL	TRETRE	TRIAES	TRIAFFCO
TRIAFFMI	TRIANG	TRIARVAR	TRIAUS	TRIBRU	TRICALCA	TRICALIN	TRICALRE	TRICALSS	TRICAM
TRICEN	TRICER	TRICLA	TRICOM	TRIDAN	TRIDUB	TRIELA	TRIGLO	TRIHIR	TRIHUM
TRILIN	TRILOL	TRILON_A	TRILON_B	TRIMIN	TRIMINEL	TRIMUC	TRINAN	TRINEE	TRIPRO
TRISPA	TRISPGL	TRISTO	TRISUB	TRITEN	TRITOMTO	TRITUB	TRIUNI	TRIVIO	TRYANG
TRYDAP	TRYELA	TRYFLOFL	TRYLED	TRYMON	TRYMYRMY	UROCAP	URODAS	UROPIC	URSANT
UTRMUL	UTRTEN	VELARG	VELCYC	VELDEA	VELHIS	VELROS	VELTRI	VERACEPR	VERBRA
VERBRO	VERCAL	VERCHR_A	VERCHR_B	VERDAS	VERDEN	VEREND	VERERI	VERGRA_A	VERGRA_B
VERHAB	VERHUEST	VERHUETR	VERHUM	VERINC	VERINS	VERINT	VERLAC	VERNIT	VERNOB
VEROCU	VERPEN	VERPIC	VERPLU	VERROE	VERSER	VERSUB	VERTUM	VILCAP	VIMJUN
VITAUS	VITGRA	VITTRI	VULPSP	WAHCAP	WAHGRA	WAHMUL	WAHPRE	WAHTUM	WAIACU
WAINIT	WAISUA	WESCEP	WESRIG	WILHUM	WURDEN	WURDIL	WURDIO	WURDRU	WURGRA
WURMON	WURMUR	WURSIN	WURTEN	XANATK	XANBRE	XANBUN	XANCAN	XANCIL	XANDRU
XANDXP	XANGRA	XANHUE	XANNAN	XANPLA	XANPRE	XANTOM	XYLANG	ZALDIV	ZYGANG
ZYGAPI	ZYGBIL	ZYGERE	ZYGFRU	ZYGGLA	ZYGIOD	ZYGOVA	ZYGRET	ZYGSIM	
BE01	BE02	BE03	BE04	BE05	BE06	BE07	BE08	BE09	BE12
BE13	BE14	BE15	BE17	BE18	BE19	DA01	DA02	DA03	DA04
DA05	DA06	DA08	DA09	DA10	DA11	DA12	DA13	DA14	DA15
DA16	DA17	DA19	DA22	DA23	DA24	DA25	DA26	DA27	DN01
DN02	DN03	DN04	DN05	DN06	DN08	DN09	DN10	DN11	DN12
DU01	DU02	DU03	DU04	DU06	DU07	DU09	DU10	DU11	DU12
DU14	DU15	DU16	DU17	DU18	DU19	DU20	DU21	DU24	DU25
ES01	ES02	ES05	ES07	ES08	ES09	ES11	ES14	ES15	ES16
ES17	ES18	ES19	ES20	ES21	ES22	ES23	ES24	GP01	GP02
GP03	GP04	GP06	GP07	GP08	GP09	GP10	GP12	GP13	GP14
GP15	GP16	GP17	GP18	GP19	GP20	GP21	GP22	GP23	GP24
GP25	HY01	HY03	HY04	HY05	HY06	HY07	HY09	HY10	HY12
HY13	HY14	HY15	HY16	HY17	HY18	HY19	HY21	HY22	HY23
HY24	HY26	HY27	HY28	HY29	HY30	HY31	HY32	HY33	HY34
HY35	HY36	HY37	HY38	HY39	HY40	HY41	HY42	HY43	HY44
HY45	HY46	HY47	HY48	HY49	HY50	HY51	HY52	HY53	HY54
HY55	HY56	HY57	HY58	HY59	HY60	HY62	HY63	HY64	HY66
HY67	HY68	HY69	HY72	HY73	HY74	HY77	HY78	HY79	HY80
HY81	HY82	JB01	JB02	JB05	JB06	JB07	JB08	JB09	JB10
JB11	JB12	JB13	JB14	JB15	JB16	JB19	JB21	JB22	JB23
KL02	KL03	KL04	KL05	KL06	KL07	KL08	KL09	KL10	KL11
KL12	KL13	KL14	KL15	KL18	KL19	KL20	KL21	KL22	KL23
KL24	KL25	KL26	KL27	KL30	KL31	KL32	KL33	KL34	KL35
KL36	KL37	KL38	KL39	KL40	KL41	KL42	KL43	KL44	KL45
KL46	KL47	KL48	KL49	KL50	KN01	KN02	KN03	KN04	KN05
KN06	KN07	KN10	KN11	KN12	KN13	KN14	KN15	KN16	KN17
KN18	KN19	KN20	KN22	KN23	KN24	KN25	KN26	KN27	KN28
KN29	KN30	KN31	KN32	KN33	KN34	KN35	KN36	KN37	KN38
KN39	KN40	KN41	KN42	KN43	LK02	LK04	LK05	LK06	LK07
LK08	LK10	LK11	LK12	LK13	LK14	LK15	LK16	LK17	LK18
LK19	LK20	LK22	LK23	LK24	ML01	ML02	ML03	ML04	ML05
ML06	ML07	ML08	ML09	ML10	ML11	ML13	ML14	ML15	ML17
ML18	ML19	ML20	ML21	ML23	ML24	ML25	ML26	MN01	MN02
MN03	MN04	MN05	MN06	MN07	MN10	MN11	MN12	MN13	MN14
MN15	MN17	MN18	MN19	MN20	MN21	MN22	MN23	MN24	MN25
MO01	MO02	MO03	MO05	MO06	MO07	MO09	MO10	MO12	MO13
MO14	MO15	MO16	MO17	NO01	NO02	NO03	NO04	NO05	NO06
NO07	NO10	NO11	NO13	NO14	NO15	NO16	NO18	NO20	NR01
NR02	NR03	NR04	NR05	NR06	NR07	NR08	NR09	NR10	NR11
NR12	NR13	NR14	NR15	NR16	NR17	NR18	NR19	NR20	NR21
NR22	NR23	PI01	PI02	PI05	PI06	PI07	PI08	PI09	PI10
PI11	PI12	PI13	PI14	PI15	PI16	PI17	PI18	PI19	PI21
PI23	PI24	PI25	QU01	QU02	QU03	QU04	QU05	QU06	QU09
QU10	QU11	QU12	QU14	QU15	QU16	QU17	QU18	QU19	QU20
QU21	QU22	QU23	QU24	QU25	QU26	QU27	QU28	QU29	QU30
QU31	QU32	QU33	QU34	QU35	QU36	QU37	QU38	QU39	QU40
QU41	QU42	SPM001E	SPM011A	SPM025H	SPS030A	SPS048A	SPS054A	SPS059A	SPS070A
SPS078A	SPS089B	SPS094A	SPS115C	SPS121D	SPS126A	SPS126B	SPS138B	SPS139A	SPS139B
SPS145A	SPS145B	SPS151C	SPS153A	SPS153B	SPS153C	SPS175A	SPS175B	SPS176A	SPS176B
SPS176C	ST01	ST02	ST03	ST04	ST05	ST06	ST07	ST09	ST10
ST11	ST12	ST13	ST15	ST16	ST17	ST18	ST19	ST20	ST21
ST22	ST23	ST24	ST25	ST26	TR01	TR02	TR03	TR04	TR05
TR06	TR07	TR08	TR09	TR11	TR12	TR13	TR14	TR15	TR16
TR18	UN01	UN02	UN04	UN05	UN06	UN07	UN08	UN09	UN10
UN11	UN14	UN17	UN18	UN20	UN23	WH03	WH04	WH05	WH06
WH07	WH08	WH09	WH10	WH11	WH13	WH14	WH15	WH16	WH17
WH18	WH19	WH20	WH21	WH22	WH23	WK01	WK04	WK05	WK06
WK07	WK08	WK09	WK10	WK11	WK12	WK13	WK14	WK15	WK16
WK18	WK19	WK20	WK21	WK22	WK23	WK24	WK25	WK26	WK27
WK28	WK29	WK30	WK31	WK32	WK33	WK34	WK35	WK36	WK37
WK38	WK39	WK40	WK41	WK42	WK43	WK44	WU01	WU02	WU03

WU04	WU05	WU05B	WU06	WU07	WU09	WU10	WU11	WU12	WU15
WU16	WU17	WU18	WU19	WU20	WU21	WU23	WU24	YO02	YO03
YO04	YO05	YO06	YO07	YO08	YO10	YO11	YO12	YO13	YO14
YO15	YO16	YO17	YO18	YO19	YO20	YO21	YO22	YO23	YO24
YO25	YO26	YO27	YO28	YO30	YO31	YO32	YO33	YO34	YO35
YO36	YO37	YO38	YO39	YO40	YO41	YO42	YO43	YO44	YO45
YO46	YO47	YO48	YO49	YO50	YO51	YO52	YO53	YO54	YO55
YO56	YO57								

Appendix 5. Spearman rank intercorrelations between physical attributes of the 682 terrestrial quadrats sampled. Attribute codes as given in appendices 1 & 2 (this chapter). Intercorrelations of soil attributes based on 681 quadrats for which data were available. Due to large number of correlations calculated significance level of $p < 0.001$ was chosen, shown in bold.

	long	elev	mtann	isoth	mntcp	t_ar	mtwetq	mtdq	mtclq	pann	pwetp	pseas	pwrq	ec	ph	orgc	ntot	ptot	pav	kav	mg	ca	na	clay	silt	sand	stype	sdep
long	1.00																											
elev	**0.27**	1.00																										
mtann	**-0.37**	-0.09	1.00																									
isoth	**0.33**	**-0.40**	**-0.65**	1.00																								
mntcp	**-0.36**	**-0.70**	**0.38**	**0.13**	1.00																							
t_ar	**-0.26**	**0.34**	**0.76**	**-0.86**	**-0.16**	1.00																						
mtwetq	**-0.23**	**-0.37**	**0.81**	**-0.33**	**0.67**	**0.42**	1.00																					
mtdq	**-0.45**	-0.03	**0.80**	**-0.66**	**0.22**	**0.67**	**0.57**	1.00																				
mtclq	**-0.29**	**-0.57**	**0.75**	**-0.18**	**0.85**	**0.26**	**0.90**	**0.52**	1.00																			
pann	**-0.34**	**-0.35**	**-0.55**	**0.52**	0.10	**-0.66**	**-0.48**	**-0.37**	**-0.27**	1.00																		
pwetp	**-0.82**	**-0.29**	-0.06	-0.01	**0.16**	-0.11	**-0.18**	0.11	-0.05	**0.75**	1.00																	
pseas	**-0.94**	**-0.22**	**0.34**	**-0.34**	**0.17**	**0.27**	0.11	**0.46**	**0.16**	**0.41**	**0.87**	1.00																
pwrq	**0.53**	-0.01	**-0.50**	**0.64**	0.10	**-0.55**	**-0.24**	**-0.54**	-0.12	0.12	**-0.38**	**-0.66**	1.00															
ec	**0.13**	-0.05	**-0.15**	0.12	-0.02	**-0.15**	-0.09	-0.11	-0.09	0.00	-0.11	**-0.16**	**0.13**	1.00														
ph	**0.24**	-0.03	0.08	0.07	0.03	-0.01	0.12	0.01	0.11	**-0.21**	**-0.30**	**-0.24**	0.10	**0.23**	1.00													
orgc	-0.05	-0.04	**-0.41**	**0.19**	**-0.15**	**-0.34**	**-0.41**	**-0.24**	**-0.33**	**0.39**	**0.25**	0.08	0.07	**0.58**	**0.16**	1.00												
ntot	-0.10	-0.05	**-0.24**	0.07	-0.07	**-0.19**	**-0.24**	-0.12	**-0.19**	**0.23**	**0.18**	0.09	0.00	**0.64**	**0.21**	**0.92**	1.00											
ptot	**-0.22**	-0.04	0.09	**-0.17**	0.04	0.12	0.02	0.12	0.04	-0.04	0.10	**0.16**	**-0.15**	**0.54**	**0.25**	**0.65**	**0.84**	1.00										
pav	-0.08	**-0.13**	-0.03	-0.01	0.06	-0.02	-0.01	-0.01	0.02	0.04	0.06	0.03	-0.01	**0.60**	**0.21**	**0.58**	**0.70**	**0.70**	1.00									
kav	**0.21**	0.07	-0.04	-0.01	-0.08	0.01	-0.03	-0.06	-0.04	**-0.19**	**-0.26**	**-0.23**	0.08	**0.62**	**0.52**	**0.53**	**0.67**	**0.70**	**0.57**	1.00								
mg	**0.17**	-0.04	**-0.22**	**0.14**	-0.07	**-0.19**	**-0.16**	**-0.17**	**-0.13**	0.03	-0.11	**-0.18**	**0.15**	**0.73**	**0.53**	**0.72**	**0.74**	**0.63**	**0.60**	**0.79**	1.00							
ca	0.09	-0.03	**-0.23**	**0.14**	-0.07	**-0.22**	**-0.19**	**-0.14**	**-0.15**	0.12	-0.01	-0.09	0.11	**0.56**	**0.58**	**0.75**	**0.77**	**0.60**	**0.56**	**0.72**	**0.83**	1.00						
na	0.12	-0.05	**-0.17**	**0.13**	-0.04	**-0.16**	-0.12	-0.11	-0.10	0.03	-0.08	**-0.13**	0.12	**0.90**	**0.23**	**0.60**	**0.64**	**0.56**	**0.59**	**0.63**	**0.77**	**0.54**	1.00					
clay	0.11	**0.18**	-0.04	-0.09	-0.12	0.10	-0.05	-0.08	-0.11	**-0.21**	**-0.17**	**-0.16**	0.03	**0.25**	0.08	**0.14**	**0.17**	**0.21**	**0.23**	**0.32**	**0.34**	**0.14**	**0.27**	1.00				
silt	-0.08	-0.05	0.12	**-0.14**	0.05	0.12	0.07	0.07	0.10	-0.10	-0.02	0.05	-0.09	**0.35**	**0.26**	**0.30**	**0.45**	**0.57**	**0.37**	**0.60**	**0.48**	**0.35**	**0.40**	**0.25**	1.00			
sand	-0.03	-0.10	-0.02	**0.13**	0.04	-0.12	0.00	0.02	0.02	**0.19**	0.12	0.08	0.02	**-0.37**	**-0.19**	**-0.28**	**-0.39**	**-0.48**	**-0.37**	**-0.56**	**-0.51**	**-0.30**	**-0.42**	**-0.80**	**-0.73**	1.00		
stype	0.07	-0.01	0.02	-0.03	-0.03	0.02	0.00	0.02	0.00	-0.10	-0.11	-0.08	-0.01	**0.48**	**0.36**	**0.37**	**0.45**	**0.45**	**0.42**	**0.53**	**0.60**	**0.44**	**0.52**	**0.32**	**0.45**	**-0.47**	1.00	
sdep	-0.10	-0.03	0.02	-0.04	0.01	0.04	0.03	0.06	0.01	0.04	0.11	0.10	-0.04	**-0.26**	**-0.16**	**-0.26**	**-0.32**	**-0.32**	**-0.23**	**-0.37**	**-0.38**	**-0.20**	**-0.33**	**-0.23**	**-0.36**	**0.35**	**-0.55**	1.00