

**Reproductive biology and breeding system in *Casuarina equisetifolia* (Casuarinaceae)
- implication for genetic improvement**

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Appendix S1: Supplementary Material

Allele Frequencies calculated over 150 progenies by 8 loci

No. Loci	8
No. Samples	150
No.families	3

Locus	Allele/n	Freq.	Freq.with null
CG01	294	0.167	0.144
	297	0.452	0.351
	300	0.189	0.181
	303	0.004	0.004
	306	0.140	0.149
	315	0.035	0.035
	333	0.004	0.004
CG02	143	0.011	0.010
	148	0.128	0.129
	153	0.007	0.007
	158	0.288	0.226
	160	0.547	0.380
	163	0.007	0.007
	165	0.004	0.004
CG03	199	0.126	0.123
	202	0.003	0.003
	207	0.051	0.041
	214	0.003	0.003
	216	0.286	0.163
	217	0.524	0.371
CG04	204	0.003	0.003
	240	0.569	0.616
	242	0.083	0.086
	244	0.307	0.319
	246	0.007	0.007
	248	0.010	0.010
	250	0.007	0.003
	252	0.003	0.003
256	0.003	0.003	
CG05	179	0.070	0.067
	185	0.187	0.206
	197	0.734	0.826
CG06	225	0.004	0.004
	26	0.018	0.018
	234	0.007	0.007
	235	0.365	0.387

	240	0.213	0.166
	242	0.004	0.004
	244	0.355	0.375
	245	0.007	0.007
	246	0.018	0.018
	253	0.004	0.004
CG07	110	0.145	0.155
	119	0.428	0.414
	125	0.413	0.292
CG08	108	0.005	0.005
	111	0.005	0.005
	117	0.011	0.011
	120	0.005	0.005
	123	0.005	0.005
	124	0.005	0.005
	126	0.005	0.005
	128	0.005	0.005
	132	0.022	0.024
	135	0.016	0.016
	136	0.022	0.022
	140	0.005	0.005
	144	0.855	0.744
	148	0.005	0.005
	150	0.005	0.005
	162	0.005	0.005
	174	0.005	0.005