

Table 2 Summary statistics for twelve microsatellite loci among *P. amabilis* collections

Pop	Loci	Pam06	Pam07	Pam08	Pam11	Pam12	Pam16	Pam17	Pam19	Pam24	Pam25	Pam30	Pam35	Average
	$\overline{F_{ST}}$	0.134	0.017	0.010	0.012	0.009	0.044	0.008	0.008	0.014	0.023	0.011	0.017	0.026
BH	<i>n</i>	30	31	28	30	30	31	31	31	29	31	32	28	30.2±1.3
	<i>a</i>	9	4	7	8	5	7	4	9	7	10	16	5	7.6±3.3
	<i>as</i>	228-266	142-174	210-244	269-293	302-322	097-119	134-146	266-312	226-242	191-241	236-276	168-182	
	<i>R_s</i>	8.1	4.0	7.0	7.4	4.5	6.8	3.9	8.9	6.5	8.3	15.2	4.6	7.1±3.1
	<i>H_O</i>	0.483	0.700	0.391	0.750	0.700	0.700	0.656	0.690	0.414	0.406	0.969	0.552	0.62±0.17
	<i>H_E</i>	0.446	0.657	0.385	0.816	0.608	0.800	0.575	0.846	0.368	0.643	0.936	0.536	0.63±0.19
	<i>F_{IS}</i>	-0.08	-0.07	-0.02	0.08	-0.16	0.13	-0.14	0.19	-0.13	0.37	-0.04	-0.03	0.01
	<i>HW</i>	0.684	0.128	0.343	0.222	0.530	0.040	0.311	0.283 [§]	1.000	0.008 [§]	0.647	0.043	
CT	<i>n</i>	32	32	31	32	30	31	32	30	32	31	32	32	31.3±0.8
	<i>a</i>	6	6	8	6	4	8	5	9	11	11	21	6	8.4±4.5
	<i>as</i>	246-262	136-170	220-246	269-293	310-330	099-129	130-146	288-332	220-248	211-293	230-284	168-182	
	<i>R_s</i>	5.9	5.9	7.3	5.7	3.8	7.7	4.7	8.5	9.8	10.3	19.2	5.2	7.8±4.1
	<i>H_O</i>	0.935	0.719	0.484	0.656	0.500	0.613	0.625	0.667	0.656	0.742	0.844	0.500	0.66±0.14
	<i>H_E</i>	0.776	0.701	0.423	0.754	0.593	0.610	0.616	0.842	0.544	0.738	0.945	0.423	0.66±0.16
	<i>F_{IS}</i>	-0.21	-0.03	-0.15	0.13	0.16	0.00	-0.02	0.21	-0.21	-0.01	0.11	-0.19	-0.02
	<i>HW</i>	0.005	0.053	1.000	0.146	0.169	0.238	0.334	0.195 [§]	1.000	0.874	0.006	0.893	
ZJ	<i>n</i>	30	31	28	32	30	31	32	31	29	32	32	29	30.6±1.4
	<i>a</i>	8	6	6	8	5	7	4	9	5	9	18	5	7.5±3.7
	<i>as</i>	206-266	154-178	210-244	269-293	300-322	097-129	134-146	274-320	230-248	195-241	226-270	168-182	
	<i>R_s</i>	7.0	5.2	5.6	7.3	4.5	6.9	4.0	8.6	4.8	8.3	15.9	4.6	6.9±3.2
	<i>H_O</i>	0.400	0.355	0.143	0.733	0.600	0.548	0.677	0.871	0.517	0.387	0.875	0.500	0.55±0.22
	<i>H_E</i>	0.516	0.579	0.295	0.801	0.629	0.775	0.610	0.845	0.434	0.600	0.935	0.411	0.62±0.19
	<i>F_{IS}</i>	0.23	0.39	0.52	0.09	0.05	0.30	-0.11	-0.03	-0.20	0.36	0.07	-0.22	0.12
	<i>HW</i>	0.171	0.001 [§]	0.001 [§]	0.271	0.363	0.000 [§]	0.021	0.354	0.890	0.000 [§]	0.243	0.843	

Note: * Loci excluded for population genetic statistical analysis. *n*: number of individuals, *a*: number of alleles, *R_s*: allele richness per locus, *as*: allele size range in base pairs, *H_O*: observed heterozygosity; *H_E*: expected heterozygosity; *F_{IS}*: inbreeding coefficient, *HW*: probability of concordance with HWE. Values in bold represent significant deviation from HWE after Bonferroni correction (initial $\alpha = 0.05/12 = 0.0042$); § Loci showed evidence for null alleles in the population, suggested by MICRO-CHEKER, may result in deviation from HWE