

**Table S2. Allelic diversity within each of 19 sampling localities, including mean number of alleles per locus (MNA), allelic richness (AR), observed ( $H_O$ ) and expected ( $H_S$ ) heterozygosity, inbreeding coefficient ( $F_{IS}$ ), and significant deviations from Hardy-Weinberg Equilibrium (HWE) calculated using 10 000 iterations**

Site	Geographic region	N	MNA	AR (SE)	$H_O$	$H_S$	$F_{IS}$	HWE
Nosy Mangabe S.R. †	North	9	3.3	1.99 (0.165)	0.367	0.478	0.233	-
Marotandrano S.R.	North	9	4.2	2.50 (0.178)	0.556	0.672	0.173	-
Mananara Nord N.P.	North	8	4.0	2.40 (0.128)	0.575	0.634	0.093	-
Ambatovaky S.R.	North	5	3.4	2.39 (0.192)	0.400	0.640	0.375	-
Zahamena N.P., S.N.R.	North	10	4.7	2.52 (0.182)	0.620	0.658	0.058	0.167
Betampona S.N.R.	North	9	3.6	2.26 (0.140)	0.544	0.594	0.083	-
Mangerivola S.R.	North	3	3.3	2.61 (0.275)	0.633	0.667	0.050	-
Mantadia Andasibe N.P.	North	14	3.7	2.24 (0.194)	0.514	0.573	0.103	0.061
Torotorofotsy	North	3	2.5	2.10 (0.245)	0.533	0.483	-0.103	-
Maromizaha U.F.	North	2	2.2	2.20 (0.291)	0.700	0.500	-0.400	-
Anosibe an'ala C.F.	North	8	3.5	2.31 (0.183)	0.493	0.602	0.181	-
Fandriana U.F.	South	11	4.5	2.33 (0.161)	0.536	0.609	0.119	<b>0.030</b>
Vatoharanana (Ranomafana N.P.)	South	10	3.6	2.20 (0.149)	0.490	0.566	0.134	<b>0.035</b>
Mangevo (Ranomafana N.P.)	South	30	3.9	2.41 (0.110)	0.627	0.648	0.032	0.215
Kianjavato U.F.	South	32	3.6	1.95 (0.161)	0.459	0.460	0.001	0.500
Vatovavy U.F.	South	21	2.9	1.97 (0.132)	0.468	0.487	0.038	0.293
Lakia	South	10	2.6	2.04 (0.110)	0.460	0.527	0.128	0.062
Tolongoina U.F.	South	4	2.8	2.12 (0.268)	0.400	0.504	0.207	-
Manombo S.R.	South	11	2.7	2.00 (0.149)	0.500	0.488	-0.025	0.388
Overall		209	10.2	2.25 (0.182)	0.519	0.573	0.094	

N = no. samples successfully analyzed; MNA = mean number of alleles per locus; AR = Allelic diversity after correcting for sample size with rarefaction (standard error);  $H_O$  = observed heterozygosity;  $H_S$  = expected heterozygosity assuming HWE corrected for sampling bias (Simpson's Diversity Index);  $F_{IS}$  = inbreeding coefficient; HWE = one-sided  $p$  calculated using 10 000 permutations. Significant values indicated in **bold**. '†' indicates populations with < 10 samples that were not tested for Hardy-Weinberg Equilibrium.