

Table S2. Comparison of different measures of genetic diversity in *Iberodorcadion fuliginator* individuals that emerged in odd years or even years in three populations, and genetic differentiation between the two subsamples of each population (F_{ST}). Mean values \pm se based on six loci are shown.

	Year	Allelic richness (A_r)	H_O	H_E	Inbreeding coefficient (F_{IS})	F_{ST}
Population 5	odd	1.616 \pm 0.083	0.215 \pm 0.061	0.412 \pm 0.034	0.392 \pm 0.068	-0.017 \pm 0.029
	even	1.820 \pm 0.172	0.266 \pm 0.050	0.460 \pm 0.048	0.287 \pm 0.042	
	t_5	-1.073	-0.663	-0.823	1 .388	-0.575
	P	0.318	0.523	0.432	0.223	0.590
Population 11	odd	2.145 \pm 0.204	0.422 \pm 0.077	0.578 \pm 0.046	0.223 \pm 0.069	0.020 \pm 0.001
	even	1.810 \pm 0.067	0.299 \pm 0.086	0.465 \pm 0.072	0.325 \pm 0.085	
	t_5	1.563	1.002	2.193	-0.787	0.637
	P	0.169	0.362	0.063	0.467	0.552
Population 30	odd	1.460 \pm 0.146	0.123 \pm 0.075	0.289 \pm 0.081	0.502 \pm 0.134	-0.002 \pm 0.001
	even	1.391 \pm 0.149	0.067 \pm 0.046	0.252 \pm 0.087	0.596 \pm 0.181	
	t_5	0.330	0.638	0.302	-0.708	-0.270
	P	0.749	0.541	0.769	0.530	0.798