

**Genetic diversity in populations of the dioecious *Myrsine coriacea* (Primulaceae)
in the Atlantic Forest**

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Table S1. Pairwise genetic differentiation (Φ_{ST}) of populations found in each location. 1 – Alegre; 2 – Mimoso do Sul; 3 – Castelo; 4 – Dores do Rio Preto (Macieira); 5 – Domingos Martins; 6 – Iúna; 7 – Vargem Alta; 8 – Venda Nova do Imigrante; 9 – Muqui; 10 – Dores do Rio Preto (Casa Queimada).

Population code	1	2	3	4	5	6	7	8	9	10
1	0	-	-	-	-	-	-	-	-	-
2	0.005	0	-	-	-	-	-	-	-	-
3	0.058	0.056	0	-	-	-	-	-	-	-
4	0.103	0.089	0.182	0	-	-	-	-	-	-
5	0.164	0.166	0.162	0.186	0	-	-	-	-	-
6	0.152	0.123	0.142	0.145	0.095	0	-	-	-	-
7	0.151	0.154	0.183	0.158	0.099	0.051	0	-	-	-
8	0.143	0.126	0.183	0.163	0.115	0.009	0.048	0	-	-
9	0.123	0.115	0.166	0.136	0.120	0.073	0.073	0.032	0	-
10	0.085	0.082	0.176	0.128	0.129	0.093	0.088	0.066	0.046	0

Table S2. Results of the PERMANOVA and dispersion (PERMDISP) tests within each of the 10 studied locations using sex as a two-level factor (male and female) in *Myrsine coriacea* based on 7 ISSR markers. 1 – Alegre; 2 – Mimoso do Sul; 3 – Castelo; 4 – Dores do Rio Preto (Macieira); 5 – Domingos Martins; 6 – Iúna; 7 – Vargem Alta; 8 – Venda Nova do Imigrante; 9 – Muqui; 10 – Dores do Rio Preto (Casa Queimada).

Population Code	PERMANOVA			PERMDISP		n ♂	n ♀	N
	F	R ²	P	F	P			
1	0.95	0.03	0.528	0.84	0.343	17	17	34
2	0.35	0.01	0.972	0.30	0.557	15	15	30
3	0.68	0.07	0.791	0.39	0.540	6	6	11
4	0.73	0.02	0.688	0.62	0.444	15	16	31
5	1.21	0.07	0.263	0.34	0.597	10	9	19
6	0.73	0.04	0.692	0.72	0.400	10	11	21
7	0.74	0.05	0.739	0.06	0.837	8	8	16
8	1.53	0.07	0.109	0.16	0.710	11	12	23
9	0.47	0.02	0.922	0.15	0.705	14	13	27
10	0.37	0.01	0.947	0.11	0.744	14	13	27



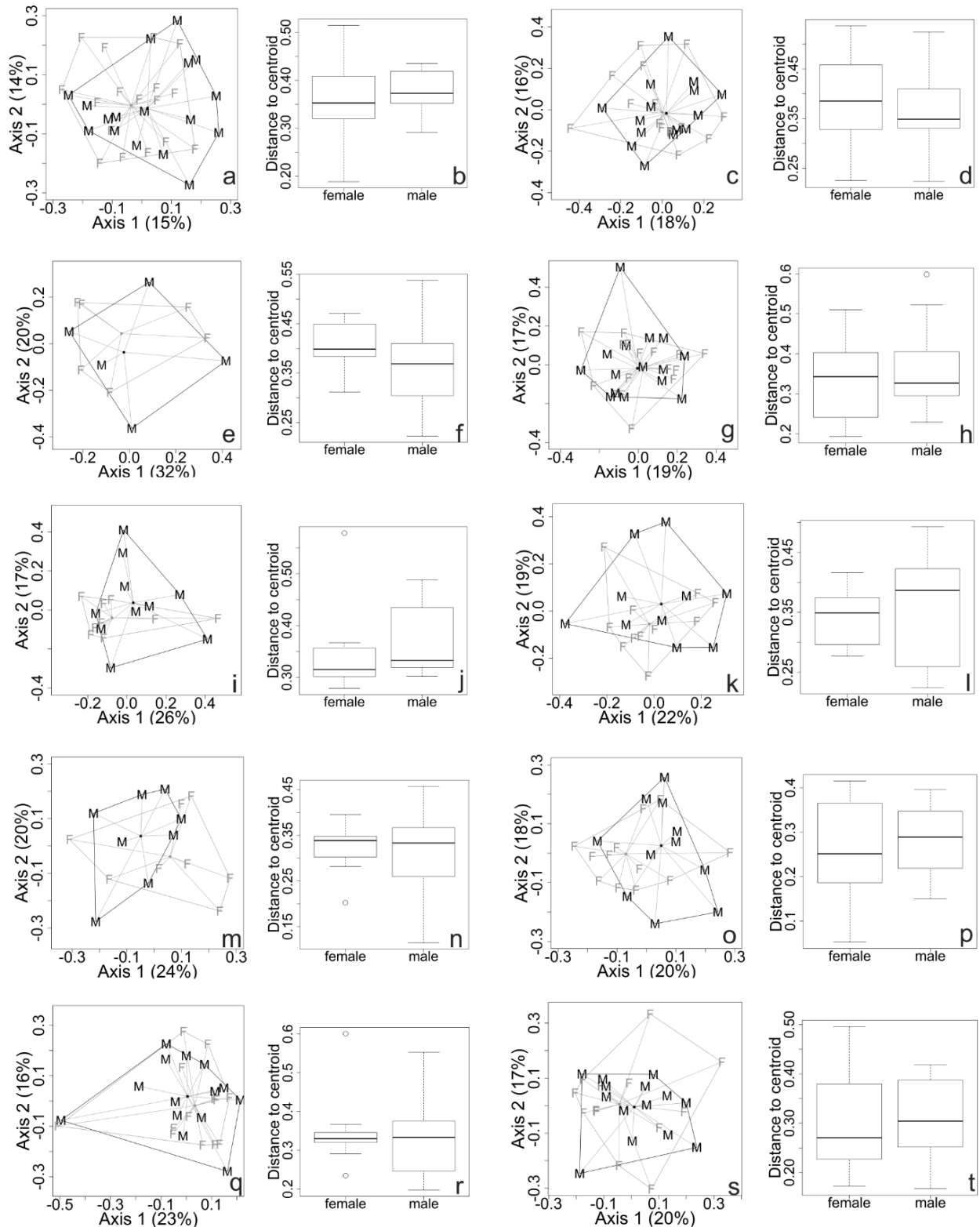


Figure S3. Principal coordinates analysis for each locality: a and b: 1 (Alegre); c and d: 2 (Mimoso do Sul); e and f: 3 (Castelo); g and h: 4 (Dores do Rio Preto-Macieira); i and j: 5 (Domingos Martins); k and l: 6 (Iúna); m and n: 7 (Vargem Alta); o and p: 8 (Venda Nova do Imigrante); q and r: 9 (Muqui); s and t: 10 (Dores do Rio Preto - Casa Queimada). M - male individuals (in black); F - female individuals (in gray). Points in the center of each group indicate the position of the centroid. Solid lines indicate the distribution envelope (convex hull) of each sex. Boxplots show the distribution of the distance values for each individual to the centroid of the distribution in multivariate space.