Supplementary Material

Table S1. Genetic diversity estimates for Red-browed Amazon, *Amazona rhodocorytha:* Individual Observed (Ho) and expected (He) heterozygosity, and Inbreeding Coefficients (F) using a matrix of 1 SNP per locus.

Individual	Name	Age	Sex	Ho	He	F	p Value
1	707_MZUSP_a2572_Ama_rho	Juvenile	F	0.395	0.214	-0.066	0.338
2	708_MZUSP_a2554_Ama_rho	Juvenile	F	0.420	0.214	-0.134	0.052
3	709_MZUSP_a2563_Ama_rho	Subadult	M	0.356	0.214	0.039	0.570
4	710_MZUSP_a2564_Ama_rho	Juvenile	M	0.253	0.214	0.314	0
5	711_MZUSP_a2556_Ama_rho	Juvenile	F	0.342	0.214	0.075	0.278
6	712_MZUSP_a2557_Ama_rho	Juvenile	F	0.373	0.214	-0.009	0.897
7	713_MZUSP_a2560_Ama_rho	Juvenile	F	0.409	0.214	-0.104	0.134
8	714_MZUSP_a235_Ama_rho	Adult	M	0.359	0.214	0.030	0.663
9	715_MZUSP_a2568_Ama_rho	Subadult	F	0.360	0.214	0.028	0.685
10	716_MZUSP_a2570_Ama_rho	Adult	F	0.378	0.214	-0.019	0.776
11	717_MZUSP_a2553_Ama_rho	Juvenile	F	0.380	0.214	-0.026	0.703
12	718_MZUSP_a2562_Ama_rho	Juvenile	M	0.351	0.214	0.052	0.448
13	719_MZUSP_a2575_Ama_rho	Juvenile	M	0.421	0.214	-0.138	0.047
14	720_MZUSP_a2568_Ama_rho	Adult	F	0.352	0.214	0.048	0.483
15	721_MZUSP_a2567_Ama_rho	Juvenile	M	0.387	0.214	-0.046	0.506
16	722_MZUSP_a2558_Ama_rho	Juvenile	M	0.399	0.214	-0.077	0.264
17	723_MZUSP_a2573_Ama_rho	Juvenile	M	0.379	0.214	-0.023	0.737
18	724_MZUSP_a2559_Ama_rho	Juvenile	M	0.345	0.214	0.068	0.328
19	725_MZUSP_a2574_Ama_rho	Juvenile	M	0.370	0.214	0.001	0.985

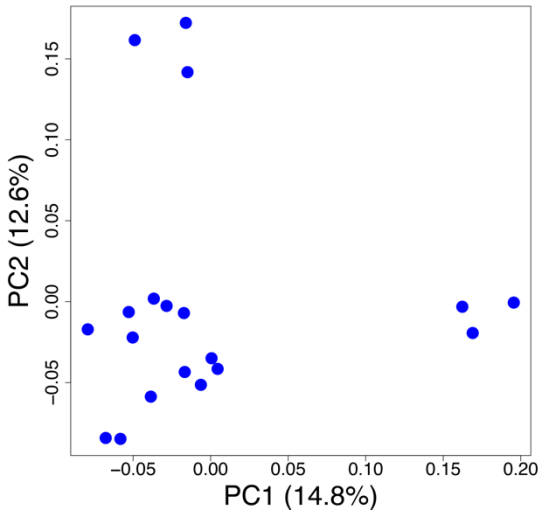

Figure S1. Visual configuration of the individual genotypes under Principal Coordinate Analysis revealing two main clouds along the PC1 axis using a matrix of 1 SNP per locus.