

**Supplemental Table 2.** Group assignment for the AMOVA based on cytochrome b (Cyt-b), cytochrome oxidase I (COI), and microsatellites (Mstls).

	By drainage		By clade		By cluster (K=10)	
	Groups	Sites	Groups	Sites	Groups	Sites
<b>Cyt-b</b>	Sua	Su	Clade I	Su, At, E2B, E9, E3, E4, E6, E8, G6, G7, G1, G2	1	Su, At
	Atacames	At			2	E2B, E9, E4
	Esmeraldas	E2B, E9, E3, E4, E6, E8			3	E6
	Guayas	G6, G7, G1, G2, G5, G3, G4			4	E8
					5	G6, G7, G1
	Taura	Ta			6	G2
	San Pablo	SP	Clade II	G5, G3, G4, Ta, SP, J1, J2, J3, J4, J5, SR	7	G5, G3, G4, Ta
	Jubones	J1, J2, J3, J4, J5			8	SP, J4, J5
	Santa Rosa	SR			9	J1, J2, J3
					10	SR
<b>COI</b>	Sua	Su	Clade I	Su, At, E2B, E1, E9, E3, E4, E5, E6, E7, E8, G6, G7, G1, G2	1	Su, At
	Atacames	At			2	E2B, E1, E9, E3, E4
	Esmeraldas	E2B, E1, E9, E3, E4, E5, E6, E7, E8			3	E5, E6
	Guayas	G6, G7, G1, G2, G5, G3, G4			4	E7, E8
					5	G6, G7, G1
	Taura	Ta			6	G2
	San Pablo	SP	Clade II	G5, G3, G4, Ta, SP, J1, J2, J3, J4, J5, SR	7	G5, G3, G4, Ta
	Jubones	J1, J2, J3, J4, J5			8	SP, J4, J5
	Santa Rosa	SR			9	J1, J2, J3
					10	SR
<b>Mstls</b>	Atacames	At	Clade I	At, E2B, E4, E6, E8, G1, G2	1	At
	Esmeraldas	E2B, E4, E6, E8			2	E2B, E4
					3	E6
	Guayas	G1, G2, G3, G4			4	E8
	San Pablo	SP	Clade II	G3, G4, SP, J1, J2, J3, J4, J5, SR	5	G1
	Jubones	J1, J2, J3, J4, J5			6	G2
					7	G3, G4
	Santa Rosa	SR			8	SP, J4, J5
					9	J1, J2, J3
					10	SR