

Supplementary Table 1: Total number of individuals collected with corresponding altitude, gradient (OG: old growth, D: disturbed), and number morphospecies collected. See Table 1 in text for sample of individuals used for analysis.

Locality	Altitude (m.a.s.l.)	Gradient	2007-08		2010	2011	Total N	Total S
			Rainy	Dry				
Pantiacolla Lodge	500	D				210	210	26
Tono	800	D			33		33	8
San Pedro Estación Biológica	1400	D	88	243	152	94	577	37
Mirador	1750	D			77	23	100	18
Plot #8	1850	OG			11	9	20	13
Plot #7	2000	OG				3	3	2
Rocotal	2000	D	69	149	123	113	454	32
Plot #6	2250	OG			7	23	30	4
Plot #5	2500	OG			27	93	120	9
Pillahuata Estación Biológica	2500	D	80	269	196	127	672	21
Plot #4	2750	OG			19	48	67	8
Plot #3	3000	OG			40	41	81	10
Wayquecha Estación Biológica	3000	D	235	254	76	117	682	26
Plot #2	3250	OG			90	82	172	16
Plot #1	3400	OG			67	40	107	13
P.V. Ajanaco	3450	D	83	86	38	82	289	12
Tres Cruces	3650	OG			47	94	141	8
Total N			555	1001	1003	1199	3758	149
Total S			54	45	74	87		