

Appendix 1. Locality details and number of analyzed individuals for 101 *Lasiocephalus* and 4 *Culcitium* populations

Species	Population code	No. of silica-dried individuals (FCM analysis)	No. of fresh individuals (FCM analysis)	No. of DNA triploids	Chromosome number	No. of sequenced individuals / no. of clones (GenBank accession numbers)	Locality	Latitude	Longitude	Collector(s)	Date	Voucher No
<i>Lasiocephalus campanulatus</i>	C1A	1					Bolivia: La Paz, east slopes of Sorata (3 300 m a.s.l.)	S 15 46 13.0	W 68 37 49.8	J. Macek	7-Aug-2008	LC 1
<i>Lasiocephalus campanulatus</i>	C1B	1				1 / 8 (GU290015-GU290021)	Bolivia: La Paz, north slopes of Sorata (3 300 m a.s.l.)	S 15 44 42.0	W 68 40 13.0	J. Macek	14-Aug-2009	LC 3
<i>Lasiocephalus cuencanus</i>	Cu1	2					Ecuador: Azuay, along the road from Cuenca to the Tinajillas pass (3 400 m a.s.l.)	S 3 10 16.14	W 79 2 2.64	P. Sklenář & J. Karbalková	23-Jul-2008	11128
<i>Lasiocephalus cuencanus</i>	Cu2	2				1 / 4 (GU289942-GU289945)	Ecuador: Azuay, along the road Gualaceo-Limon, montane forest and shrubby thickets (3 000 m a.s.l.)	S 2 55 59.88	W 78 42 47.16	P. Sklenář & J. Karbalková	23-Jul-2008	11167
<i>Lasiocephalus decipiens</i>	De1		1				Ecuador: Loja/Zamora-Chinchi, along the road from Jimbura to Las Cienegas (2 550 m a.s.l.)	S 4 40 43	W 79 27 06	P. Sklenář, J. Macková & P. Macek	16-Jun-2009	12024
<i>Lasiocephalus decipiens</i>	De2	1	1				Ecuador: Loja, via antigua from Loja to Catamayo, western outskirts of Loja (2 380 m a.s.l.)	S 4 0 59	W 79 14 47	P. Sklenář, J. Macková & P. Macek	16-Jun-2009	12065
<i>Lasiocephalus heterophyllus</i>	H1	6				1 / 5 (GU290010-GU290014)	Ecuador: Pichincha, along the road Quito-Nono (3 250 m a.s.l.)	S 0 5 46.5	W 78 33 22.2	P. Sklenář & A. Kučerová	17-Jul-2008	11101
<i>Lasiocephalus heterophyllus</i>	H3	1					Ecuador: Azuay, thickets along the road between Canad and Azogues (2 890 m a.s.l.)	S 2 40 15	W 78 54 22.02	P. Sklenář & J. Karbalková	22-Jul-2008	11115
<i>Lasiocephalus heterophyllus</i>	H4	1					Ecuador: Chimborazo, along the road between Chunchi and Zhud, near Sta. Rosa (2 840 m a.s.l.)	S 2 21 47	W 78 58 12	P. Sklenář, J. Macková & P. Macek	13-Jun-2009	12001
<i>Lasiocephalus involucratus</i>	I11	1					Ecuador: Azuay, along the road from Cuenca to Molleturo, in forest thickets (3 200 m a.s.l.)	S 2 49 44.1	W 79 8 10.74	P. Sklenář & J. Karbalková	22-Jul-2008	11116
<i>Lasiocephalus involucratus</i>	I13	1					Ecuador: Azuay, along the road Gualaceo-Limon, montane forest and shrubby thickets (3 000 m a.s.l.)	S 2 55 59.88	W 78 42 47.16	P. Sklenář & J. Karbalková	23-Jul-2008	11168
<i>Lasiocephalus involucratus</i>	I14	1					Ecuador: Chimborazo, páramo de Osogochi, grass páramo on the slopes above Laguna Cubillín (3 970 m a.s.l.)	S 2 17 13.2	W 78 35 10.74	P. Sklenář & J. Karbalková	24-Jul-2008	11178
<i>Lasiocephalus involucratus</i>	I15	3					Ecuador: Cotopaxi, Páramo de Lagunas de Antojos, to the south of Latacunga (3 980 m a.s.l.)	S 0 57 54.24	W 78 24 25.56	P. Sklenář & A. Kučerová	13-Jun-2008	11006
<i>Lasiocephalus involucratus</i>	I16		1			2 / 13 (GU289931-GU289934; GU289936-GU289937)	Ecuador: Carchi, Volcan Chiles, margin of the road Tufino - Maldonado, ca 1.5 km ESE of Laguna Verde (3 910 m a.s.l.)	N 0 47 57.7	W 77 54 55.0	P. Sklenář, E. Rejzková, F. Kolář	16-Oct-2008	11504
<i>Lasiocephalus involucratus</i>	I21		1				Ecuador: Pichincha - Cotopaxi, Páramo de Iliniza, along the trail from the parking place towards the Ilinizas (4 290 m a.s.l.)	S 0 38 34.0	W 78 41 46.6	P. Sklenář, E. Rejzková, F. Kolář	18-Oct-2008	11555
<i>Lasiocephalus involucratus</i>	I22	5					Ecuador: Cotopaxi, Páramo de Quispicacha, on both sides of the ridge of Puncungusacha, ca 10 km to the west of Quindigua (4 380 m a.s.l.)	S 1 4 42.8	W 78 49 54.2	P. Sklenář, E. Rejzková, F. Kolář	19-Oct-2008	11566
<i>Lasiocephalus involucratus</i>	I23	1					Ecuador: Cotopaxi, Páramo de Lagunas de Antojos, to the south of Latacunga (3 930 m a.s.l.)	S 0 58 40.98	W 78 23 21.48	P. Sklenář & A. Kučerová	13-Jun-2008	11027
<i>Lasiocephalus involucratus</i>	I24	2					Ecuador: Pichincha, Inga Alto, mountain ridge above the hut of Mr. Gortaire, edges of shrubby thickets in the grass páramo (3 980 m a.s.l.)	S 0 20 32.1	W 78 15 33.72	P. Sklenář, A. Kučerová & P. Macek	16-Jul-2008	11100
<i>Lasiocephalus involucratus</i>	I25	3				1 / 6 (GU289935; GU289938-GU289939)	Ecuador: Carchi, road from Laguna Voladero towards Tulcan (3 700 m a.s.l.)	N 0 41 0	W 77 53 0	P. Sklenář & J. Karbalková	20-Jul-2008	11114
<i>Lasiocephalus involucratus</i>	I28		1				Ecuador: Chimborazo, Volcan Altar, páramos around Cerro Quillimas, margin of the road from Alao to the valley of Rio Alao, ca 6 km NE of Alao (3 260 m a.s.l.)	S 1 53 05.1	W 78 28 07.6	P. Sklenář, E. Rejzková, F. Kolář	25-Oct-2008	11595
<i>Lasiocephalus involucratus</i>	I8		1				Ecuador: Pichincha, northern side of Nevado Cayambe, along the road from Olmedo to Laguna San Marcos (3 670 m a.s.l.)	N 0 06 14.2	W 77 59 16.4	P. Sklenář & E. Rejzková	3-Nov-2007	10711
<i>Lasiocephalus involucratus</i>	L14					1 / 8 (GU289999-GU290004)	Ecuador: Azuay, superpáramo vegetation to the N from the pass of the road Cuenca-Molleturo (4 300 m a.s.l.)	S 2 46.18	W 79 14.60	P. Sklenář & J. Karbalková	22-Jul-2008	11121
<i>Lasiocephalus involucratus</i>	I32	1					Ecuador: Pichincha, páramo on the southern side of Cayambe, along the road towards the refugio, bellow the steep rock walls (4 250 m a.s.l.)	S 0 1 0	W 78 2 60	P. Sklenář & A. Kučerová	30-Jun-2008	11083
<i>Lasiocephalus involucratus</i>	I33		1				Ecuador: Tungurahua - Chimborazo - Bolivar, Volcan Chimborazo, thickets along the road Ambato-Guaranda (3 470 m a.s.l.)	S 1 20 30.0	W 78 45 40.2	P. Sklenář, E. Rejzková, F. Kolář	24-Oct-2008	11585
<i>Lasiocephalus lingulatus</i>	L12	1		1			Ecuador: Imbabura, páramo de Mojanda, on the SW slope of the peak Nudo de Mojanda (4 020 m a.s.l.)	N 0 06 53	W 78 15 48	P. Sklenář & E. Rejzková	6-Nov-2007	10751
<i>Lasiocephalus lingulatus</i>	L16	2					Ecuador: Chimborazo, along the road from the Panamerican highway to Osogochi (3 970 m a.s.l.)	S 2 10 36.78	W 78 41 54.96	P. Sklenář & J. Karbalková	24-Jul-2008	11171
<i>Lasiocephalus lingulatus</i>	L17	1					Ecuador: Chimborazo, páramo de Osogochi, grass páramo on the slopes above Laguna Cubillín (3 970 m a.s.l.)	S 2 17 13.2	W 78 35 10.74	P. Sklenář & J. Karbalková	24-Jul-2008	11177
<i>Lasiocephalus lingulatus</i>	L18	1					Ecuador: Cotopaxi, Páramo de Lagunas de Antojos, to the south of Latacunga (3 810 m a.s.l.)	S 1 0 13.26	W 78 26 27.9	P. Sklenář & A. Kučerová	13-Jun-2008	11001
<i>Lasiocephalus lingulatus</i>	L19		1			1 / 7 (GU289964; GU289966-GU289969; GU289977;)	Ecuador: Imbabura, Volcan Cotacachi, margin of the 4 WD road from Laguna Cuicocha north to the TV antennas, near the antennas (4 010 m a.s.l.)	N 0 19 56.2	W 78 20 20.1	P. Sklenář, E. Rejzková, F. Kolář	17-Oct-2008	11538
<i>Lasiocephalus lingulatus</i>	L20	3					Ecuador: Pichincha - Cotopaxi, Páramo de Iliniza, along the trail from the parking place towards the Ilinizas (4 350 m a.s.l.)	S 0 38 44.7	W 78 42 12.8	P. Sklenář, E. Rejzková, F. Kolář	18-Oct-2008	11560
<i>Lasiocephalus lingulatus</i>	L21	3					Ecuador: Chimborazo, páramo to the south of Chimborazo (4 270 m a.s.l.)	S 1 32 7.86	W 78 52 51.18	P. Sklenář & A. Kučerová	14-Jun-2008	11035
<i>Lasiocephalus lingulatus</i>	L22	6					Ecuador: Chimborazo, Páramo Chanlor, to the west of Guamote (4 030 m a.s.l.)	S 1 57 12.12	W 78 47 35.7	P. Sklenář & A. Kučerová	15-Jun-2008	11038
<i>Lasiocephalus lingulatus</i>	L23					2 / 11 (GU289970; GU289972-76; GU289978-GU289979)	Ecuador: Napo, páramo on the western side of Antisana (4 500 m a.s.l.)	S 0 28	W 78 10	P. Sklenář	20-Jun-2008	11077
<i>Lasiocephalus lingulatus</i>	L29		2				Ecuador: Tungurahua - Chimborazo - Bolivar, páramo to the SW of Chimborazo, ca 2 km of the road Cruz del Arenal-San Juan (4 270 m a.s.l.)	S 1 32 7	W 78 52 51	P. Sklenář, E. Rejzková, F. Kolář	24-Oct-2008	11591
<i>Lasiocephalus lingulatus</i>	L30		1				Ecuador: Chimborazo, Volcan Altar, páramos around Cerro Quillimas, along the trail Alao - Huamboya, ca 200 m N of the bridge across Rio Alao (3 540 m a.s.l.)	S 1 48 11.48	W 78 26 54.4	P. Sklenář, E. Rejzková, F. Kolář	25-Oct-2008	11597
<i>Lasiocephalus longipenicillatus</i>	Lg1	2					Venezuela: Mérida, Páramo de Mucubají, trail from Laguna de Mucubají to the Cascadas and Laguna Negra (3 640 m a.s.l.)	N 8 46 48.8	W 70 49 16.4	P. Sklenář, P. Ubierto, E. Rejzková et al.	12-Oct-2007	10205
<i>Lasiocephalus longipenicillatus</i>	Lg5					1 / 4 (GU290023-GU290025; GU290029)	Venezuela: Mérida, Páramo de Aguila, along the road from Mucuchies towards the pass de Aguila, northern side of Cerro El Balcón (3 980 m a.s.l.)	N 08 50 10.9	W 70 49 55.7	P. Sklenář, P. Ubierto, E. Rejzková et al.	10-Oct-2007	10120
<i>Lasiocephalus longipenicillatus</i>	Lg7	2					Venezuela: Táchira, Páramo Sumusica, along the trail heading north-west from the mountain pass (road La Grita-San José de Bolívar) (3 490 m a.s.l.)	N 8 1 27	W 71 56 50	P. Sklenář & T. Fer	17-Oct-2007	10375
<i>Lasiocephalus longipenicillatus</i>	Lg8	2				1 / 5 (GU290026-GU290028)	Venezuela: Mérida, Páramo de Mucuchies, road pass Aguila to Pinango, near the antennas (4 240 m a.s.l.)	N 8 51 0.4	W 70 49 33.8	P. Sklenář, P. Ubierto, E. Rejzková et al.	10-Oct-2007	10122
<i>Lasiocephalus longipenicillatus</i>	Lg9	1					Venezuela: Mérida/Trujillo, Alto del Arenal, páramo south-east of Tuname along the road to Santo Domingo (3 730 m a.s.l.)	N 9 1 46	W 70 35 4	P. Sklenář, P. Ubierto, E. Rejzková et al.	14-Oct-2007	10279
<i>Lasiocephalus mojandensis</i>	Mo2	4					Ecuador: Cotopaxi, Páramo de Lagunas de Antojos, to the south of Latacunga (3 930 m a.s.l.)	S 0 58 40.98	W 78 23 21.48	P. Sklenář & A. Kučerová	13-Jun-2008	11028
<i>Lasiocephalus mojandensis</i>	Mo7	2					Ecuador: Carchi, Volcan Chiles, margin of the road Tufino - Maldonado, ca 1.5 km ESE of Laguna Verde (3 910 m a.s.l.)	N 0 47 57.7	W 77 54 55	P. Sklenář, E. Rejzková, F. Kolář	16-Oct-2008	11507
<i>Lasiocephalus otophorus</i>	Ot15		1				Ecuador: Loja, Cordillera las Lagunillas (de Sabanilla), páramo de las Lagunas Negras (3 400 m a.s.l.)	S 4 42 40	W 79 25 51	P. Sklenář, J. Macková & P. Macek	16-Jun-2009	12045
<i>Lasiocephalus otophorus</i>	Ot16		1				Ecuador: Carchi, páramo El Angel, Espeletia páramo around Lagunas del Voladero (3 600 m a.s.l.)	N 0 41	W 77 52	P. Sklenář, A. Soukup	Jul-2009	

<i>Lasiocephalus otophorus</i>	Ot12		1			Ecuador: Chimborazo, Volcan Altar, páramo around Cerro Quilimas, along the trail Alao - Huamboya, ca 1 km N of the bridge across Rio Alao (3 630 m a.s.l.)	S 1 47 44.2	W 78 26 44.8	P. Sklenář, E. Rejzková, F. Kolář	25-Oct-2008	11599
<i>Lasiocephalus otophorus</i>	Ot3	1				Ecuador: Azuay, Páramo de Tinajillas, grass páramo to the east of the mountain pass (3 440 m a.s.l.)	S 3 11 32.16	W 79 1 21.6	P. Sklenář & J. Karbalková	23-Jul-2008	11132
<i>Lasiocephalus otophorus</i>	Ot5				1 / 6 (GU289946; GU289948-GU289950)	Ecuador: Carchi, Volcan Chiles, margin of the road Tufino - Maldonado, ca 1.5 km ESE of Laguna Verde (3 910 m a.s.l.)	N 0 47 57.7	W 77 54 55	P. Sklenář, E. Rejzková, F. Kolář	16-Oct-2008	11508
<i>Lasiocephalus ovatus</i>	O37	7		1		Ecuador: Chimborazo, Páramo Chanlor, to the west of Guamote, summit of the mountain ridge (4 260 m a.s.l.)	S 1 56 59.52	W 78 48 42.9	P. Sklenář & A. Kučerová	15-Jun-2008	11061
<i>Lasiocephalus ovatus</i>	O38	1				Ecuador: Pichincha, Rucu Pichincha, along the trail from the Teleferico to the summit (4 550 m a.s.l.)	S 0 09 40	W 78 33 55	P. Sklenář & J. Karbalková	26-Jul-2008	11192
<i>Lasiocephalus ovatus</i>	O39		1			Ecuador: Tungurahua - Chimborazo - Bolivar, páramo to the SW of Chimborazo, ca 2 km of the road Cruz del Arenal-San Juan (4 270 m a.s.l.)	S 1 32 7	W 78 52 51	P. Sklenář, E. Rejzková, F. Kolář	24-Oct-2008	11590
<i>Lasiocephalus ovatus</i>	O40		2	1		Ecuador: Napo, Volcan Antisana, N side of the mountain, towards the Quebrada of Rio Blanco (4 350 m a.s.l.)	S 0 27 05	W 78 08 11	P. Sklenář & J. Macková	21-Oct-2008	12100
<i>Lasiocephalus ovatus</i>	O19	2		2		Ecuador: Imbabura, Páramo de Mojanda, on the SW slope of the peak Nudo de Mojanda (4 130 m a.s.l.)	N 0 07 07	W 78 15 36.1	P. Sklenář & E. Rejzková	6-Nov-2007	10744
<i>Lasiocephalus ovatus</i>	O23	1		1		Ecuador: Cotopaxi, Páramo de Lagunas de Antojos, to the south of Latacunga (3 980 m a.s.l.)	S 0 57 54.24	W 78 24 25.56	P. Sklenář & A. Kučerová	13-Jun-2008	11005
<i>Lasiocephalus ovatus</i>	O24	4				Ecuador: Cotopaxi, Páramo de Lagunas de Antojos, to the south of Latacunga (4 060 m a.s.l.)	S 0 58 13.68	W 78 23 46.86	P. Sklenář & A. Kučerová	13-Jun-2008	11012
<i>Lasiocephalus ovatus</i>	O26		1			Ecuador: Imbabura, Volcan Cotacachi, along the trail from the TV antennas towards the summit (4 130 m a.s.l.)	N 0 20 37.2	W 78 20 28.5	P. Sklenář, E. Rejzková, F. Kolář	17-Oct-2008	11540
<i>Lasiocephalus ovatus</i>	O28	1			1 / 3 (GU289995; GU290007)	Ecuador: Pichincha - Cotopaxi, Páramo de Iliniza, along the trail from the parking place towards the Ilinizas (4 290 m a.s.l.)	S 0 38 34	W 78 41 46.6	P. Sklenář, E. Rejzková, F. Kolář	18-Oct-2008	11559
<i>Lasiocephalus ovatus</i>	O30				1 / 5 (GU289986-GU289987; GU289996; GU290005; )	Ecuador: Pichincha, along the trail from the antennas towards the summit of Atacazo (4160 m a.s.l.)	S 0 20 46.98	W 78 36 56.94	P. Sklenář, A. Kučerová & P. Macek	22-Jun-2008	11071
<i>Lasiocephalus ovatus</i>	O31	6			1 / 7 (GU289988; GU289991; GU289993-GU289994; GU289997-GU289998)	Ecuador: Cotopaxi, Páramo de Lagunas de Antojos, to the south of Latacunga (3 930 m a.s.l.)	S 0 58 40.98	W 78 23 21.48	P. Sklenář & A. Kučerová	13-Jun-2008	11030
<i>Lasiocephalus ovatus</i>	O32	1				Ecuador: Chimborazo, páramo de Osogochi, grass páramo on the slopes above Laguna Cubillín (3 970 m a.s.l.)	S 2 17 13.2	W 78 35 10.74	P. Sklenář & J. Karbalková	24-Jul-2008	11188
<i>Lasiocephalus patens</i>	P21		1			Ecuador: Pichincha, northern side of Pichincha, along the road to the forest reserve Jocotoco, ca 20 min drive from the carretera Cotacollo-Nono (3 650 m a.s.l.)	S 0 06 54	W 78 34 27	P. Sklenář & A. Soukup	15-Jul-2009	12097
<i>Lasiocephalus patens</i>	P11		1			Ecuador: Carchi - Sucumbios, Páramo El Mirador, ca 6 km to the east of Huaca (3 230 m a.s.l.)	N 0 38 49.3	W 77 40 26.4	P. Sklenář, E. Rejzková, F. Kolář	16-Oct-2008	11530
<i>Lasiocephalus patens</i>	P12		2			Ecuador: Imbabura, Volcan Cotacachi, margin of the 4 WD road from Laguna Cuicocha north to the TV antennas (3 390 m a.s.l.)	N 0 18 46.9	W 78 21 09.3	P. Sklenář, E. Rejzková, F. Kolář	17-Oct-2008	11536
<i>Lasiocephalus patens</i>	P14				1 / 7 (GU290030-GU290032)	Ecuador: Cotopaxi, páramo Quispicacha (3 730 m a.s.l.)	S 1 02 43.1	W 78 58 02.4	P. Sklenář, E. Rejzková, F. Kolář	19-Oct-2008	11565
<i>Lasiocephalus patens</i>	P16	7	1			Ecuador: Carchi, road from El Angel towards Laguna Voladero (3 260 m a.s.l.)	N 0 38 42.12	W 77 54 16.86	P. Sklenář & J. Karbalková	20-Jul-2008	11113
<i>Lasiocephalus patens</i>	P17	5	1			Ecuador: Pichincha, along the old road Quito - St. Domingo, between Chillogallo and San Juan (3 290 m a.s.l.)	S 0 16 43.44	W 78 36 18.42	P. Sklenář, A. Kučerová & P. Macek	22-Jun-2008	11064
<i>Lasiocephalus patens</i>	P4	1				Ecuador: Imbabura, along the road from Ibarra to Mariano Acosta (3 540 m a.s.l.)	N 0 19 16.7	W 78 03 42.3	P. Sklenář & E. Rejzková	4-Nov-2007	10730
<i>Lasiocephalus patens</i>	P9	1			1 / 6 (GU290033-GU290036)	Ecuador: Carchi, Volcan Chiles, margin of the road Tufino - Maldonado, ca 1.5 km ESE of Laguna Verde (3 910 m a.s.l.)	N 0 47 57.7	W 77 54 55	P. Sklenář, E. Rejzková, F. Kolář	16-Oct-2008	11501
<i>Lasiocephalus pichinchensis</i>	11013	2				Ecuador: Cotopaxi, Páramo de Lagunas de Antojos, to the south of Latacunga (4 060 m a.s.l.)	S 0 58 13.68	W 78 23 46.86	P. Sklenář & A. Kučerová	13-Jun-2008	11013
<i>Lasiocephalus pichinchensis</i>	11029	9				Ecuador: Cotopaxi, Páramo de Lagunas de Antojos, to the south of Latacunga (3 930 m a.s.l.)	S 0 58 40.98	W 78 23 21.48	P. Sklenář & A. Kučerová	13-Jun-2008	11029
<i>Lasiocephalus pichinchensis</i>	11545	1				Ecuador: Imbabura, Volcan Cotacachi, southern slopes of the mountain (4 370 m a.s.l.)	N 0 21 12.9	W 78 20 57.7	P. Sklenář, E. Rejzková, F. Kolář	17-Oct-2008	11545
<i>Lasiocephalus pichinchensis</i>	Pi6	1				Ecuador: Pichincha, around the upper antennas of Atacazo, lower superpáramo vegetation (4 160 m a.s.l.)	S 0 20 46.98	W 78 36 56.94	P. Sklenář, A. Kučerová & P. Macek	22-Jun-2008	11075
<i>Lasiocephalus pichinchensis</i>	Pi7	1				Ecuador: Pichincha, páramo on the southern side of Cayambe, along the road towards the refugio, bellow the steep rock walls (4 250 m a.s.l.)	S 0 1 0	W 78 2 60	P. Sklenář & A. Kučerová	30-Jun-2008	11084
<i>Lasiocephalus pichinchensis</i>	Pi8	1				Ecuador: Pichincha, páramo on the southern side of Cayambe, along the road towards the refugio, bellow the steep rock walls (4 430 m a.s.l.)	S 0 1 28.62	W 78 3 0.48	P. Sklenář & A. Kučerová	30-Jun-2008	11091
<i>Lasiocephalus pichinchensis</i>	Pi9	1				Ecuador: Pichincha, Rucu Pichincha, along the trail from the Teleferico to the summit (4 550 m a.s.l.)	S 0 09 40	W 78 33 55	P. Sklenář & J. Karbalková	26-Jul-2008	11191
<i>Lasiocephalus pichinchensis</i>	Pi10		1			Ecuador: Pichincha/Napo, Páramo de Guamani, south of the mountain pass (road Pifo - Papallacta) (4 000 m a.s.l.)	S 0 20	W 78 12	P. Sklenář & A. Soukup	Jul-2009	PICH-1
<i>Lasiocephalus pichinchensis</i>	Pi3	3			1 / 5 (GU289947; GU289989-GU289990; GU289992; GU290006; GU290022)	Ecuador: Carchi, Volcan Chiles, margin of the road Tufino - Maldonado, ca 1.5 km ESE of Laguna Verde (3 910 m a.s.l.)	N 0 47 57.7	W 77 54 55	P. Sklenář, E. Rejzková, F. Kolář	16-Oct-2008	11509
<i>Lasiocephalus pichinchensis</i>	Pi4	2				Ecuador: Imbabura, Volcan Cotacachi, southern slopes of the mountain (4 370 m a.s.l.)	N 0 21 12.9	W 78 20 57.7	P. Sklenář, E. Rejzková, F. Kolář	17-Oct-2008	11546
<i>Lasiocephalus sodiroi</i>	S5		1			Ecuador: Pichincha, páramo on the southern side of Cayambe, along the road towards the refugio, bellow the steep rock walls (4 430 m a.s.l.)	S 0 01 28.6	W 78 03 0.5	P. Sklenář & A. Kučerová	30-Jun-2008	11093
<i>Lasiocephalus sodiroi</i>	S6	1			1 / 2 (GU290008-GU290009)	Ecuador: Carchi, Volcan Chiles, margin of the road Tufino - Maldonado, ca 100 m E of Laguna Verde (4 030 m a.s.l.)	N 0 48 2.1	W 77 56 8.7	P. Sklenář, E. Rejzková, F. Kolář	16-Oct-2008	11511
<i>Lasiocephalus sodiroi</i>	S7	2			1 / 7 (GU289971; GU289980-GU289985)	Ecuador: Imbabura, Volcan Cotacachi, margin of the 4 WD road from Laguna Cuicocha north to the TV antennas, near the antennas (4010 m a.s.l.)	N 0 19 56.2	W 78 20 20.1	P. Sklenář, E. Rejzková, F. Kolář	17-Oct-2008	11547
<i>Lasiocephalus sp. 1 (liana)</i>	11554		1			Ecuador: Pichincha - Cotopaxi, Páramo de Iliniza, along the road from El Chaupi to the trail towards the Ilinizas (3 600 m a.s.l.)	S 0 36 33.1	W 78 40 39.0	P. Sklenář, E. Rejzková, F. Kolář	18-Oct-2008	11554
<i>Lasiocephalus sp. 1 (liana)</i>	11537	1	1			Ecuador: Imbabura, Volcan Cotacachi, margin of the 4 WD road from Laguna Cuicocha north to the TV antennas (3 800 m a.s.l.)	N 0 19 59.5	W 78 20 45.7	P. Sklenář, E. Rejzková, F. Kolář	17-Oct-2008	11537
<i>Lasiocephalus sp. 1 (liana)</i>	11076	1				Ecuador: Pichincha, páramo on the NW side of Atacazo (4 160 m a.s.l.)	S 0 21 7.92	W 78 36 49.08	P. Sklenář, A. Kučerová & P. Macek	22-Jun-2008	11076
<i>Lasiocephalus sp. 1 (liana)</i>	11082	1				Ecuador: Pichincha, páramo on the southern side of Cayambe, along the road towards the refugio, bellow the steep rock walls (4 250 m a.s.l.)	S 0 1 0	W 78 2 60	P. Sklenář & A. Kučerová	30-Jun-2008	11082
<i>Lasiocephalus sp. 1 (liana)</i>	P15	2				Ecuador: Pichincha, Inga Alto, mountain ridge above the hut of Mr. Gortaire, edges of shrubby thickets in the grass páramo (3 980 m a.s.l.)	S 0 20 32.1	W 78 15 33.72	P. Sklenář, A. Kučerová & P. Macek	16-Jul-2008	11099
<i>Lasiocephalus sp. 1 (liana)</i>	P2		1			Ecuador: Pichincha, northern side of Nevado Cayambe, along the road from Olmedo to Laguna San Marcos (3 400 m a.s.l.)	N 0 06 56.9	W 78 00 49.2	P. Sklenář & E. Rejzková	3-Nov-2007	10712
<i>Lasiocephalus sp. 1 (liana)</i>	P3		1			Ecuador: Pichincha, northern side of Nevado Cayambe, steep slope above the Quebrada Angureai (4 220 m a.s.l.)	N 0 03 29.9	W 77 59 41.6	P. Sklenář & E. Rejzková	3-Nov-2007	10715
<i>Lasiocephalus sp. 1 (liana)</i>	P6		2			Ecuador: Imbabura, Páramo de Mojanda, along the road from Tabacundo towards Nudo de Mojanda (3 960 m a.s.l.)	N 0 05 07	W 78 14 37	P. Sklenář & E. Rejzková	6-Nov-2007	10763
<i>Lasiocephalus sp. 2 (shrub)</i>	11105		1			Ecuador: Pichincha, along the road from Pintag to Hacienda Antisana, near the upper gate (3 520 m a.s.l.)	N 0 27 37.8	W 78 19 16.56	P. Sklenář	19-Jul-2008	11105
<i>Lasiocephalus sp. 2 (shrub)</i>	11584		1		2n = 40	Ecuador: Pichincha, along the road to hacienda Antisana (3 520 m a.s.l.)			P. Sklenář & F. Kolář	20-Oct-2008	11584
<i>Lasiocephalus sp. 3 (shrubby liana)</i>	11567		1		2n = 40	Ecuador: Cotopaxi, Loma Ingapirca, right turn-off from the road Zumbagua - Angamarca, ca 5 km NNW of Quindigua (3 730 m a.s.l.)	S 1 02 43.1	W 78 58 02.4	P. Sklenář, E. Rejzková, F. Kolář	19-Oct-2008	11567
<i>Lasiocephalus sp. 3 (shrubby liana)</i>	12094	2				Ecuador: Chimborazo, Candelaria, road from the village towards lagunas (3 240 m a.s.l.)	S 1 38 55	W 78 30 21	P. Sklenář, J. Macková & P. Macek	21-Jun-2009	12094

<i>Lasiocephalus sp. 4 (cf. ledifolius)</i>	G12	1				Ecuador: Pichincha, northern side of Nevado Cayambe, open glacial valley above the Quebrada Angureai (4 250 m a.s.l.)	N 0 03 19.2	W 77 59 45.6	P. Sklenář & E. Rejzková	3-Nov-2007	10719	
<i>Lasiocephalus sp. 4 (cf. ledifolius)</i>	G13	2				1 / 5 (GU289951-GU289952; GU289954; GU289958; GU289963)	Ecuador: Carchi, Volcan Chiles, margin of the road Tufino - Maldonado, around Laguna Verde (4 030 m a.s.l.)	N 0 48 2.1	W 77 56 8.7	P. Sklenář, E. Rejzková, F. Kolář	16-Oct-2008	11510
<i>Lasiocephalus sp. 4 (cf. ledifolius)</i>	G14	2	1				Ecuador: Imbabura, Volcan Cotacachi, southern slopes of the mountain (4 370 m a.s.l.)	N 0 21 12.9	W 78 20 57.7	P. Sklenář, E. Rejzková, F. Kolář	17-Oct-2008	11544
<i>Lasiocephalus sp. 4 (cf. ledifolius)</i>	G15					1 / 5 (GU289955-GU289956; GU289959; GU289961-GU289962)	Ecuador: Napo, Páramo of Antisana, NE side of the mountain (4 400 m a.s.l.)	S 0 27	W 78 08	P. Sklenář	23-Jun-2008	11079
<i>Lasiocephalus sp. 4 (cf. ledifolius)</i>	G17	1					Ecuador: Pichincha, páramo on the southern side of Cayambe, along the road towards the refugio, bellow the steep rock walls (4 430 m a.s.l.)	S 0 1 28.62	W 78 3 0.48	P. Sklenář & A. Kučerová	30-Jun-2008	11087
<i>Lasiocephalus sp. 4 (cf. ledifolius)</i>	G18		1		2n = 40		Ecuador: Napo, Volcan Antisana, N side of the mountain, towards the Quebrada of Rio Blanco (4 350 m a.s.l.)	S 0 27 05	W 78 08 11	P. Sklenář & J. Macková	21-Oct-2008	11583
<i>Lasiocephalus sp. 5 (involucratu-like)</i>	I31	6				1 / 5 (GU289940-GU289941)	Ecuador: Cotopaxi, Páramo de Lagunas de Antojos, to the south of Latacunga (3 930 m a.s.l.)	S 0 58 40.98	W 78 23 21.48	P. Sklenář & A. Kučerová	13-Jun-2008	11026
<i>Lasiocephalus sp. 6 (sodiroi-like)</i>	12027	4		2			Ecuador: Loja, Cordillera las Lagunillas (de Sabanilla), Páramo de las Lagunas Negras (3 330 m a.s.l.)	S 4 42 38	W 79 26 12	P. Sklenář, J. Macková & P. Macek	16-Jun-2009	12027
<i>Lasiocephalus sp. 7 (sodiroi-hairy)</i>	11088	4					Ecuador: Pichincha, páramo on the southern side of Cayambe, along the road towards the refugio, bellow the steep rock walls (4 430 m a.s.l.)	S 0 1 28.62	W 78 3 0.48	P. Sklenář & A. Kučerová	30-Jun-2008	11088
<i>Culcitium nivale</i>	CN3					1 / 3 (GU289953; GU289957; GU289960)	Ecuador: Carchi, Volcan Chiles, rocks above the swampy area, ca 0.5 km N of the antennas, ca 1 km N of the pass with the road Tufino - Maldonado (4 030 m a.s.l.)	N 0 48 2.1	W 77 56 32.0	P. Sklenář, E. Rejzková, F. Kolář	16-Oct-2008	11515
<i>Culcitium nivale</i>	CN4	1	1				Ecuador: Imbabura, Volcan Cotacachi, southern slopes of the mountain (4 370 m a.s.l.)	N 0 21 12.9	W 78 20 57.7	P. Sklenář, E. Rejzková, F. Kolář	17-Oct-2008	11543
<i>Culcitium nivale</i>	CN5		1				Ecuador: Napo, Volcan Antisana, N side of the mountain, towards the Quebrada of Rio Blanco (4 350 m a.s.l.)	S 0 27 05	W 78 08 11	P. Sklenář & J. Macková	21-Oct-2008	11580
<i>Culcitium nivale</i>	CN7		1				Ecuador: Tungurahua - Chimborazo - Bolivar, páramo to the SW of Chimborazo, ca 2 km of the road Cruz del Arenal-San Juan (4 270 m a.s.l.)	S 1 32 7	W 78 52 51	P. Sklenář, E. Rejzková, F. Kolář	24-Oct-2008	11586