

Ecography

ECOG-00253

Donoso, D. A. 2014. Assembly mechanisms shaping tropical litter ant communities. – *Ecography* 37: xxx–xxx.

Supplementary material

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837 Appendix 1. Genbank accession numbers and BOLD ID numbers for sequences included

838 in this survey. COI sequences were generated for most species in BCI in this study. Five

839 additional genes (18S, 28S, LR, AbdA and Wg) were extracted from Moreau & Bell

840 (2013) and correspond to taxa similar, or closely related, to the species in my survey.

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Species	COI (This Study)		Additional Sequences
	GeneBank #	BOLD ID	(CM13) 18S, 28S, LR, AbdA, Wg
Outgroups			
Apis_mellifera	NA	NA	Apis_mellifera
Chalybion_californicum	NA	NA	Chalybion_californicum
Chyphotes_mellipes	NA	NA	Chyphotes_mellipes
Sapyga_pumila	NA	NA	Sapyga_pumila
Scolia_verticalis	NA	NA	Scolia_verticalis
Ants			
Acanthognathus ocellatus	JF863664	ASPAN002-10	Acanthognathus_ocellatus
Acropyga exsanguis	JF863777	ASPAN173-10	Acropyga_acutiventris
Adelomyrmex laevigatus	JF863672	ASPAN024-10	
Anochetus diegensis	JF863666	ASPAN004-10	Anochetus_mayri
Aphaenogaster sp1	<i>In process</i>	ASPAN618-11	Aphaenogaster_texana
Apterostigma auriculatum	<i>In process</i>	ASPAN620-11	
Apterostigma pilosum	<i>In process</i>	ASPAN612-11	
Basiceros isthmica	JF863685	ASPAN054-10	Basiceros_manni
Brachymyrmex sp1	<i>In process</i>	ASPAN821-11	Brachymyrmex_depilis
Carebara panamensis	JF863682	ASPAN048-10	
Carebara reina	JF864980	BCIFO007-10	
Carebara urichi	<i>In process</i>	ASPAN029-10	Carebara_sp._CSM
Cerapachys toltecus	JF863677	ASPAN035-10	Cerapachys_augustae
Crematogaster brasiliensis	JF863690	ASPAN060-10	
Crematogaster limata	JF863692	ASPAN063-10	
Crematogaster rochai	JF863778	ASPAN174-10	
Crematogaster sumichrasti	JF863686	ASPAN055-10	
Cyphomyrmex costatus	DQ353380.1	NA	Cyphomyrmex_sp._CSM
Cyphomyrmex sprimocomplex	JF863721	ASPAN101-10	
Discothyrea denticulata	JF863700	ASPAN076-10	Discothyrea_sp._CSM
Discothyrea humilis	JF863694	ASPAN066-10	
Ectatomma ruidum	<i>In process</i>	ASPAN645-11	Ectatomma_opaciventre
Gnamptogenys curvoclypeata	JF863760	ASPAN150-10	
Gnamptogenys horni	<i>In process</i>	ASPAN140-10	
Gnamptogenys interrupta	JF863752	ASPAN154-10	

Gnamptogenys minuta	JF863763	ASPAN144-10	
Gnamptogenys sp. 4YB	JF863756	ASPAN155-10	
Gnamptogenys tornata	JF863764	ASPAN714-11	
Gnamptogenys triangularis	JF863762	ASPAN153-10	
Hypoponera JTL011	JF863732	ASPAN086-10	
Hypoponera JTL007	JF863709	ASPAN095-10	Hypoponera_opacior
Hypoponera parva	JF863718	ASPAN127-10	
Hypoponera sp2	JF863742	ASPAN114-10	
Megalomyrmex drifti	JF863800	ASPAN236-10	
Megalomyrmex silvestrii	<i>In process</i>	ASPAN451-11	Megalomyrmex_latreillei_CSM
Myrmicocrypta MEK-1	<i>In process</i>	ASPAN729-11	Myrmicocrypta_cf_infuscata
Nylanderia sp.	JF863821	ASPAN270-10	Nylanderia_hystrix
Octostruma balzani	JF863814	ASPAN256-10	Eurhopalothrix_sp._CSM
Odontomachus bauri	JF863804	ASPAN243-10	
Odontomachus meinerti	JF863808	ASPAN247-10	Odontomachus_clarus_CSM
Pachycondyla apicalis	JF863765	ASPAN156-10	
Pachycondyla arhuaca	JF863832	ASPAN283-10	
Pachycondyla constricta	JF863826	ASPAN276-10	
Pachycondyla harpax	JF863843	ASPAN295-10	
Pachycondyla impressa	JF863838	ASPAN290-10	
Pachycondyla striatinodis	JF863773	ASPAN168-10	
Pheidole angulifera	EF518330	NA	
Pheidole dasypyx	<i>In process</i>	ASPAN603-11	
Pheidole flavens	<i>In process</i>	ASPAN604-11	
Pheidole glomericeps	<i>In process</i>	ASPAN470-11	
Pheidole mendicula	<i>In process</i>	ASPAN590-11	
Pheidole multispina	JF865037	BCIF0098-10	
Pheidole rugiceps	<i>In process</i>	ASPAN513-11	
Pheidole striaticeps	<i>In process</i>	ASPAN563-11	
Pheidole subarmata	<i>In process</i>	ASPAN568-11	
Pheidole thrasys	<i>In process</i>	ASPAN593-11	
Pheidole ulothrix	<i>In process</i>	ASPAN519-11	
Pheidole zeteki	<i>In process</i>	ASPAN546-11	
Probolomyrmex boliviensis	JF863818	ASPAN260-10	Probolomyrmex_tani
Proceratium micrommatum	<i>In process</i>	ASPAN737-11	Proceratium_sp.1_CSM
Pyramica brevicornis	<i>In process</i>	ASPAN768-11	
Pyramica gundlachi	<i>In process</i>	ASPAN769-11	
Pyramica sp. hor	<i>In process</i>	ASPAN754-11	Pyramica_hoplites
Pyramica mek1	JF863867	ASPAN365-10	Pyramica_pulchella_CSM
Pyramica subedentata	<i>In process</i>	ASPAN762-11	
Pyramica zeteki	<i>In process</i>	ASPAN764-11	
Rogeria creightoni	<i>In process</i>	ASPAN744-11	
Rogeria foreli	JF863857	ASPAN348-10	
Sericomyrmex amabilis	JF863848	ASPAN307-10	Sericomyrmex_sp._CSM
Solenopsis ANTCNP_sp1	<i>In process</i>	ASPAN809-11	
Solenopsis ANTCNP_sp2	<i>In process</i>	ASPAN839-11	
Solenopsis ANTCNP_sp3	<i>In process</i>	ASPAN845-11	
Solenopsis JTsp1	<i>In process</i>	ASPAN848-11	
Solenopsis LASH-4	<i>In process</i>	ASPAN800-11	

Solenopsis LASH-6	<i>In process</i>	ASPAN852-11	
Solenopsis subterranea	<i>In process</i>	ASPAN854-11	
Solenopsis terricola	<i>In process</i>	ASPAN853-11	
Solenopsis yellow	<i>In process</i>	ASPAN851-11	
Strumigenys cordovensis	JF863873	ASPAN371-10	
Strumigenys elongata	JF863879	ASPAN379-10	
Strumigenys lanuginosa	<i>In process</i>	ASPAN780-11	
Strumigenys marginiventris	JF863865	ASPAN363-10	
Strumigenys MEK-2	<i>In process</i>	ASPAN755-11	
Thaumatomyrmex ANTCNP_sp2	<i>In process</i>	ASPAN782-11	
Thaumatomyrmex atrox	<i>In process</i>	ASPAN783-11	Thaumatomyrmex_atrox
Trachymyrmex bugnioni	<i>In process</i>	ASPAN796-11	
Trachymyrmex cornetzi	JF863852	ASPAN320-10	
Trachymyrmex zeteki	<i>In process</i>	ASPAN605-11	
Wasmannia auropunctata	<i>In process</i>	ASPAN455-11	Wasmannia_auropunctata

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