

MATERIAL SUPLEMENTARIO 1

Tabla S1. Identificación y valores totales de artrópodos epigeos de la Quebrada de Humahuaca (Jujuy, Rep. Argentina), durante otoño, invierno y primavera de 2016 y verano de 2017. TG: Tumbaya Grande; CH: Chucalezna; CO: Coraya; TC: Tres Cruces.

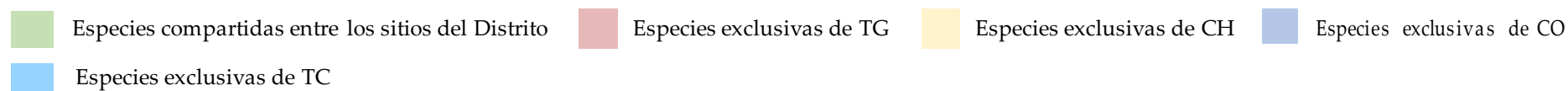
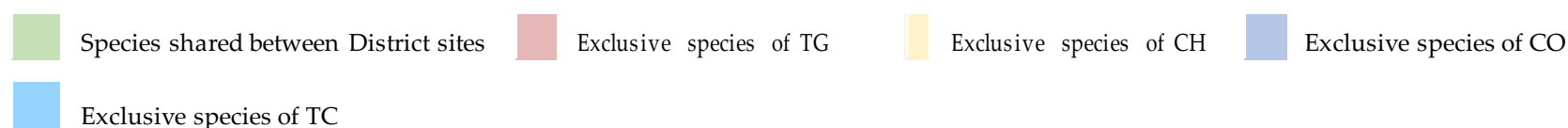


Table S1. Identification and total values of epigean arthropods from the Quebrada de Humahuaca (Jujuy, Rep. Argentina), during autumn, winter and spring of 2016 and summer of 2017. TG: Tumbaya Grande; CH: Chucalezna; CO: Coraya; TC: Tres Cruces.



ORDEN	FAMILIA	SUB FAMILIA	SP/MORFOESPECIE	OTOÑO				INVIERNO				PRIMAVERA				VERANO				GF
				TG	CH	CO	TC	TG	CH	CO	TC	TG	CH	CO	TC	TG	CH	CO	TC	
CLASE COLEMBOLLA																				
	SYMPHYPLEONA	Sminthuridae	Sminthuridae sp1	1	0	0	0	0	0	0	0	0	42	13	60	0	0	0	2	DETRI
	ARTHROPLEONA	Entomobryidae	Entomobryidae sp1	0	0	0	0	0	0	0	0	4	93	1	32	80	71	7	4	DETRI
CLASE INSECTA																				
ORTHOPTERA	Acrididae		Acrididae sp1	4	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	FOL
			Gryllidae	0	8	0	3	0	0	0	0	0	8	0	1	0	0	0	2	OMN
PSOCOPTERA			Psocoptera sp 1	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	DETRI
THYSANOPTERA	Thripidae		<i>Heterothrips cacti</i>	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	SUC CEL
			<i>Apterothrips sp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	SUC CEL
			<i>Frankliniella australis</i>	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	SUC CEL
HEMIPTERA	Psyllidae		<i>Calophia schini</i>	1	0	0	0	2	0	0	0	0	0	0	0	11	4	0	0	SUC SA
			Psyllidae sp2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	SUC SA
			Psyllidae sp3	0	0	0	1	0	0	0	2	0	0	0	6	0	0	0	0	SUC SA
			Psyllidae sp4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	SUC SA
			Psyllidae sp5	0	0	1	0	0	0	0	0	0	0	0	12	0	0	0	0	SUC SA
			Psyllidae sp6	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	SUC SA
	Cicadellidae	Deltocephalinae	Deltocephalini sp1	0	0	0	0	0	0	0	6	0	0	0	2	6	1	0	1	SUC SA
			Eucelini sp2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	SUC SA

		Typhlocybae	Dikraneurini sp3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	5	SUC SA	
		Megophtalminae	Agallini sp4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	SUC SA	
	Anthocoridae		Anthocoridae sp1	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	DEP	
	Aphididae		Aphididae sp1	0	0	0	0	0	0	0	0	2	1	0	0	6	3	0	0	SUC SA	
	Lygaeidae		Lygaeidae sp1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	SUC SA	
	Pseudococcidae		Pseudococcidae sp1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	SUC SA	
	Reduviidae		Reduviidae sp1	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	DEP	
	Margarodidae		Margarodidae sp1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	0	SUC SA	
COLEOPTERA	Tenebrionidae		Scotobius sp1	5	2	1	0	0	0	0	0	0	2	0	0	0	10	0	0	DETRI	
			Tenebrionidae sp1	0	0	0	0	42	0	0	0	2	0	1	2	5	0	8	3	0	DETRI
			Tenebrionidae sp2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	DETRI
	Ptinidae		Ptinus sp1	0	0	1	0	0	0	0	0	3	0	0	0	3	0	0	0	DETRI	
	Staphylinidae		Staphylinidae sp1	0	0	0	0	0	0	0	0	0	0	1	7	1	0	0	0	DEP	
	Curculionidae		Curculionidae sp1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	GRAN
			Curculionidae sp2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	GRAN
	Bruchidae		Bruchidae sp1	0	0	0	0	0	0	0	0	3	0	0	0	1	1	0	0	GRAN	
	Elateridae		Elateridae sp1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	OMN	
Nitidulidae		Nitidulidae sp1	0	0	0	0	0	0	0	0	0	7	1	0	6	29	2	0	POL		
DIPTERA	Anthomyiidae		Anthomyiidae sp1	7	2	0	0	3	5	0	0	0	4	4	0	4	12	8	0	NEC	
	Asilidae		Asilidae sp1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	DEP	
	Cecidomyiidae		Cecidomyiidae sp1	3	0	185	0	2	0	0	0	10	0	1	4	0	0	0	0	NEC	
	Ceratopogonidae		Ceratopogonidae sp1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	OMN	
	Culicidae		Culicidae sp1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	NEC	
	Drosophilidae		Drosophilidae sp1	0	0	0	0	0	0	0	0	0	0	0	16	0	3	0	0	OMN	
	Mycetophilidae		Mycetophilidae sp1	0	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	FUNG	
	Pipunculidae		Pipunculidae sp1	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	NEC
	Phoridae		Phoridae sp1	0	0	2	0	1	0	0	1	0	0	1	1	10	1	30	2	DETRI	
	Psychodidae		Psychodidae sp1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	IND	
	Sciaridae		Sciaridae sp1	0	0	1	0	2	0	0	0	0	2	1	0	28	0	11	2	IND	
	Dolichopodidae		Dolichopodidae sp1	0	0	0	0	0	0	0	0	0	1	2	0	6	2	1	0	0	DEP
			Dolichopodidae sp2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	DEP
Muscidae		Muscidae sp1	0	0	0	25	0	0	0	0	0	0	2	0	0	0	1	7	0	IND	

		Muscidae sp2	1	1	1	0	0	0	0	1	1	0	0	0	8	4	1	2	IND	
	Sarcophagidae	Sarcophagidae sp1	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	4	DETRI	
	Tachinidae	Tachinidae sp1	0	0	0	0	0	0	0	0	0	0	1	1	0	2	1	PARAS		
	Heleomyzidae	Heleomyzidae sp1	0	1	0	0	0	1	0	0	2	1	0	0	5	7	0	0	IND	
HYMENOPTERA	Aphelinidae	Aphelinidae sp1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	PARAS		
	Bethylidae	Bethylidae sp1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	PARAS		
	Braconidae	Alysinae	Alysinae sp1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	PARAS	
		Aphidiinae	Aphidiinaesp2	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	PARAS	
		Microgastrinae	Microgastrinae sp3	0	0	0	0	0	0	0	0	0	0	1	0	1	0	3	PARAS	
	Mutillidae	Mutillidae sp2	1	0	0	0	6	0	0	1	0	0	0	0	0	2	0	0	IND	
	Crabronidae	Crabronidae sp1	0	0	0	0	0	2	0	0	0	0	0	2	0	1	0	0	DEP	
	Chalcididae	Chalcididae sp1	1	0	0	0	0	0	0	1	0	0	0	2	5	0	1	0	PARAS	
	Chyphotidae	<i>Eotilla</i> sp1	1	0	0	0	0	0	0	1	0	0	0	8	0	3	0	0	IND	
		Chyphotidae sp1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	IND	
	Encyrtidae	Encyrtidae sp1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	PARAS	
	Evaniidae	Evaniidae sp1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	PARAS	
	Formicidae	Myrmicinae	<i>Amoimyrmex striatus</i>	0	2	211	0	0	5	16	0	1	183	385	0	0	238	308	0	FUNG
			<i>Solenopsis</i> sp1	10	15	28	2	8	11	3	9	22	10	22	9	4	16	43	6	OMN
			<i>Pheidole</i> sp1	46	5	0	0	14	10	4	0	184	36	7	7	97	30	1	0	GRAN
			<i>Pogonomyrmex longibarbis</i>	1	0	0	0	1	1	0	0	2	0	0	0	0	2	0	2	GRAN
		Formicinae	<i>Camponotus</i> sp1	76	31	55	89	287	15	15	84	325	22	60	98	4	48	35	57	OMN
			<i>Brachymyrmex</i> sp1	6	1	2	9	2	4	3	4	9	1	4	20	0	6	1	37	OMN
		Dolichoderinae	<i>Dorymyrmex joergenseni</i>	0	30	18	32	0	4	0	16	0	11	8	17	0	18	6	9	OMN
			<i>Dorymyrmex pyramicus</i>	0	12	18	0	0	19	0	3	66	17	65	12	2	26	87	58	OMN
	<i>Forelius</i> sp1		90	6	0	5	23	20	4	0	486	11	28	21	15	11	63	67	OMN	
	Ichneumonidae	Ophioniae	Ophioniae sp1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	PARAS	
		Campopleginae	Campopleginae sp2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	PARAS	
Leucospidae	Leucospidae sp1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	PARAS		
Megaspilidae	<i>Dendrocerus</i> sp1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	PARAS		
Mutillidae	Mutillidae sp1	0	0	0	0	0	0	0	0	0	4	22	0	0	0	0	0	PARAS		
Pompilidae	Pompilinae	Pompilinae sp1	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	DEP	

	Plumariidae	<i>Plumarius</i> sp1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	IND	
	Scelionidae	Scelionidae sp1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	PARAS	
	Vespidae	Vespidae sp1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	DEP	
		Vespidae sp2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	DEP	
		Vespidae sp3	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	DEP	
NEUROPTERA	Hemerobiidae	Hemerobiidae sp1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	DEP	
LEPIDOPTERA	Noctuidae	Noctuidae sp1	1	0	0	0	0	0	0	0	2	0	1	2	0	0	0	0	0	NEC	
	Gelechiidae	Gelechiidae sp1	1	0	1	1	18	0	0	0	22	0	0	5	1	0	5	1	0	NEC	
CLASE ARACHNIDA																					
ARANEAE	Zodariidae	Zodariidae sp1	13	0	0	2	2	0	1	0	0	11	1	7	0	1	9	0	0	DEP	
	Scytocidae	Scytocidae sp1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	DEP	
	Salticidae	Salticidae sp1	0	0	0	0	0	0	1	0	0	0	0	0	8	0	0	0	0	DEP	
	Lycosidae	Lycosidae sp1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	0	DEP	
	Ctenidae	Ctenidae sp1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	DEP	
	Theridiidae	Theridiidae sp1	1	0	0	0	0	0	0	1	0	0	0	2	0	2	24	3	0	DEP	
SOLIFUGAE	Ammotrechidae	Ammotrechidae sp1	0	1	1	0	5	6	5	0	23	0	7	2	0	9	7	2	0	DEP	
SCORPIONES	Bothriuridae	<i>Brachistosternus intermedius</i>	0	0	0	0	0	0	0	0	0	0	2	0	0	0	3	0	0	DEP	
		<i>Bothriurus olaen</i>	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	2	0	0	DEP
		<i>Bothriurus</i> sp.	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	DEP
TROMBIDIFORMES	Erythraeidae	Erythraeidae sp1	1	0	1	0	0	0	0	0	1	0	0	2	0	2	0	0	0	DEP	
		Erythraeidae sp2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	DEP
	Trombidiformes	Trombidiformes sp1	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	DEP
ORIBATIDA	Oribatellidae	Oribatellidae sp1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	DEP	
		Oribatellidae sp2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	DEP
CLASE MALACOSTRACA																					
ISOPODA	Armadillidiidae	Armadillidiidae sp1	10	0	0	0	16	0	0	0	9	0	0	0	0	0	0	0	0	DET	
ABUNDANCIA			284	117	531	171	435	105	52	133	1179	472	653	355	353	542	755	289	6426		
RIQUEZA			25	14	18	12	18	14	9	14	24	25	30	39	41	35	34	29			