

APPENDIX

Numbers of individuals of species of the Scarabaeinae captured with pitfall traps baited with Human Feces (HF), Rotten Meat (RM) Rotten Banana (RB) and Control (Co), in the municipality of Uruará, state of Para, northern Brazil. TH: Trophic Habit of the species (C, coprophagous; N, necrophagous; G, generalist); BG: Behavioral Guild (T, tunneler; R, roller; D, dweller). \*insufficient number of individuals or undefined

Species	Bait				Total	TH	BG
	HF	RM	RB	Co			
<i>Coproghanaeus lancifer</i> (Linnaeus, 1767)	3	83	-	-	86	N	T
<i>Coproghanaeus telamon</i> (Erichson 1847)	-	41	-	-	41	N	T
<i>Coproghanaeus degallieri</i> (Arnaud 1997)	2	1	-	-	3	*	T
<i>Coproghanaeus</i> sp.	7	1	-	-	8	C	T
<i>Oxysternon durantoni</i> (Arnaud 1984)	105	-	-	-	105	C	*
<i>Oxysternon conspiciatum</i> (Weber 1801)	43	23	-	-	66	G	*
<i>Oxysternon</i> sp.	19	-	-	-	19	C	*
Scarabaeinae 1	6	-	-	-	6	C	T
Scarabaeinae 2	3	-	-	-	3	*	T
<i>Eurysternus atrosericus</i> (Génier 2009)	87	24	-	-	111	G	D
<i>Eurysternus parallelus</i> (Castelnaud 1840)	157	60	-	-	217	G	D
<i>Eurysternus caribaeus</i> (Herbst 1789)	156	108	6	-	270	G	D
<i>Eurysternus wittmerorum</i> (Martinez 1988)	98	39	-	-	137	G	D
<i>Eurysternus strigilatus</i> (Génier 2009)	46	9	-	-	55	C	D
<i>Eurysternus ventricosus</i> (Gill 1990)	12	8	-	-	20	G	D
<i>Eurysternus foedus</i> (Guérin-Méneville 1844)	54	-	-	-	54	C	D
<i>Eurysternus hamaticollis</i> (Balthasar, 1939)	38	-	-	-	38	C	D
<i>Eurysternus</i> sp.1	62	73	-	-	135	G	D
<i>Eurysternus</i> sp.2	59	86	-	-	145	G	D
<i>Eurysternus</i> sp.3	179	42	-	-	221	C	D
<i>Uroxys</i> sp.1	316	-	-	4	320	C	T
<i>Uroxys</i> sp.2	90	-	-	-	90	C	T
<i>Ateuchus murrayi</i> (Harold 1868)	627	-	39	-	666	C	T
<i>Ateuchus connexus</i> (Harold 1868)	304	-	-	-	304	C	T
<i>Ateuchus pygidialis</i> (Harold 1868)	17	95	-	10	122	N	T
<i>Ateuchus candezei</i> (Harold 1868)	37	84	53	2	176	G	T
<i>Ateuchus simplex</i> (Serville 1828)	-	58	-	-	58	N	T
<i>Ateuchus</i> sp.1	57	24	27	9	117	G	T
<i>Ateuchus</i> sp.2	17	36	3	-	56	G	T
<i>Ateuchus</i> sp.3	164	141	80	32	417	G	T
<i>Ateuchus</i> sp.4	151	50	36	11	248	G	T
<i>Ateuchus</i> sp.5	253	129	81	26	489	G	T
<i>Ateuchus</i> sp.6	67	4	25	-	96	G	T
<i>Ateuchus</i> sp.7	83	-	10	-	93	C	T
<i>Ateuchus</i> sp.8	43	-	0	-	43	C	T
<i>Anomiopus</i> sp.	2	-0	0	-	2	*	*
<i>Canthon luteicollis</i> (Erichson 1847)	213	57	11	-	281	G	R
<i>Canthon simulans</i> (Martínez 1950)	258	82	7	-	347	G	R
<i>Canthon chalybaeus</i> (Blanchard 1846)	3	12	-	-	15	N	R
<i>Canthon aequinoctialis</i> (Harold 1868)	58	61	-	10	129	G	R
<i>Canthon fulgidus</i> (Redtenbacher 1867)	204	60	37	16	317	G	R
<i>Canthon quadriguttatus</i> (Olivier 1789)	41	-	3	-	44	C	R
<i>Canthon triangularis</i> (Drury 1770)	159	95	-	-	254	G	R
<i>Canthon subhyalinus</i> (Harold 1867)	58	-	-	-	58	C	R
<i>Canthon lituratus</i> (Germar 1813)	234	24	-	-	258	C	R
<i>Canthon mutabilis</i> (Lucas 1857)	14	35	-	-	49	G	R
<i>Canthon histrio</i> (LePeletier e Serville 1828)	-	12	-	-	12	N	R
<i>Canthon (Glaphyrocanton)</i> sp1	14	9	-	-	23	G	R
<i>Canthon</i> sp.1	380	137	49	30	596	G	R
<i>Canthon</i> sp.2	65	44	-	-	109	G	R
<i>Canthon</i> sp.3	38	5	-	-	43	C	R
<i>Canthon</i> sp.4	170	19	16	25	230	G	R

<i>Canthon</i> sp.5	7	33	-	2	42	N	R
<i>Canthon</i> sp. 6	-	30	-	-	30	N	R
<i>Canthon</i> sp.7	-	7	-	-	7	N	R
<i>Canthonella</i> sp.	33	16	-	-	49	G	*
<i>Deltochilum orbiculare</i> (van Lansberge 1874)	98	14	2	-	114	C	R
<i>Deltochilum submetallicum</i> (Castelnau 1840)	612	-	-	-	612	C	R
<i>Deltochilum carinatum</i> (Westwood 1848)	5	-	-	-	5	C	R
<i>Deltochilum icarus</i> (Olivier 1789)	6	-	-	-	6	C	R
<i>Deltochilum</i> sp.	1	-	-	-	1	*	R
<i>Scybalocanthon sexpilotus</i> (Guérin, 1855)	13	-	-	-	13	C	*
<i>Sylvicanthon</i> sp	14	13	-	-	27	G	*
<i>Canthidium deyrollei</i> (Harold 1867)	950	34	-	-	984	C	T
<i>Canthidium ardens</i> (Bates 1887)	12	0	-	-	12	C	T
<i>Canthidium</i> sp.1	42	11	-	-	53	C	T
<i>Canthidium</i> sp.2	17	19	-	-	36	G	T
<i>Canthidium</i> sp.3	68	-	-	-	68	C	T
<i>Canthidium</i> sp.4	3	-	-	7	10	G	T
<i>Canthidium</i> sp.5	878	-	12	-	890	C	T
<i>Dichotomius apicalis</i> (Luederwaldt 1931)	64	-	-	-	64	C	T
<i>Dichotomius boreus</i> (Olivier 1789)	34	-	-	-	34	C	T
<i>Dichotomius subaeneus</i> (Castelnau 1840)	183	-	-	-	183	C	T
<i>Dichotomius lucasi</i> (Harold 1869)	24	124	-	-	148	N	T
<i>Dichotomius worontzowi</i> (Pereira 1942)	-	16	-	-	16	N	T
<i>Dichotomius melzeri</i> (Luederwaldt 1922)	4	-	-	-	4	C	T
<i>Deltochilum carinatum</i> (Westwood 1848)	3	-	-	-	3	*	R
<i>Dichotomius</i> sp.1	701	-	-	-	701	C	T
<i>Dichotomius</i> sp.2	-	3	-	-	3	*	T
<i>Ontherus carinifrons</i> (Luederwaldt 1930)	664	-	-	-	664	C	T
<i>Ontherus pubens</i> (Genier 1966)	23	-	-	-	23	C	T
<i>Ontherus</i> sp.	-	-	2	-	2	*	T
<i>Onthophagus bidentatus</i> (Drapiez 1819)	400	-	-	-	400	C	T
<i>Onthophagus haemathopus</i> (Harold 1875)	282	-	-	-	282	C	T
<i>Onthophagus clypeatus</i> (Blanchard 1846)	-	37	-	-	37	N	T
<i>Onthophagus hirculus</i> (Mannerheim 1829)	9	45	-	-	54	N	T
<i>Onthophagus</i> sp.1	8	1	2	-	11	G	T
<i>Onthophagus</i> sp.2	-	30	-	-	30	N	T
<i>Onthophagus</i> sp.3	-	3	-	-	3	*	T
<i>Phanaeus chalcomelas</i> (Perty 1830)	-	14	-	-	14	N	T
<i>Phanaeus bispinus</i> (Bates 1868)	4	-	-	-	4	C	T
<i>Phanaeus</i> sp.	-	2	-	-	2	*	T
<i>Diabroctis mimas</i> (Linné 1758)	25	-	-	-	25	C	*
<i>Cryptocanthon peckorum</i> (Howden 1973)	3	-	-	-	3	*	*
<i>Trichillum externepunctatum</i> (Preudhomme de Borre 1880)	94	-	-	-	94	C	D
<i>Digitonthophagus gazella</i> (Fabricius 1787)	1	-	-	-	1	*	*
<i>Gromphas aeruginosa</i> (Perty 1830)	18	-	-	-	18	C	T