

Appendix 1. Abundance of 29 species of coprophagous Scarabaeine dung beetles trapped over 48 h along an urbanisation gradient in Grahamstown, Eastern Cape Province, South Africa.

Tribe	Species	Dung-baited pitfall traps		
		Horse dung	Cattle dung	Pig dung
Canthonini	<i>Epirinus aquilus</i>	0	5	0
	<i>Epirinus obtusus</i>	5	2	14
Coprini	<i>Catharsius tricornutus</i>	1	6	6
	<i>Copris antares</i>	10	17	6
Dichotomiini	<i>Sarophorus striatus</i>	8	57	255
Oniticellini	<i>Drepanocerus kirbyi</i>	1	153	19
	<i>Euoniticellus africanus</i>	0	50	64
	<i>Euoniticellus intermedius</i>	0	4	1
	<i>Euoniticellus triangulatus</i>	0	0	1
Onitini	<i>Cheironitis scabrosus</i>	0	3	7
	<i>Onitis alexis</i>	2	6	0
Onthophagini	<i>Caccobius obtusus</i>	0	0	1
	<i>Digitonthophagus gazella</i>	0	1	1
	<i>Onthophagus asperulus</i>	7	90	87
	<i>Onthophagus binodis</i>	0	20	13
	<i>Onthophagus cribripennis</i>	0	0	2
	<i>Onthophagus cyaneoniger</i>	0	0	1
	<i>Onthophagus fimetarius</i>	0	1	0
	<i>Onthophagus fritschi</i>	0	58	1
	<i>Onthophagus lugubris</i>	18	30	69

	<i>Onthophagus sugillatus</i> (sp. 3)	33	148	746
	<i>Onthophagus suturalis</i>	0	1	3
	<i>Proagoderus lanista</i>	0	0	1
Scarabaeini	<i>Scarabaeus ambiguus</i>	2	9	20
	<i>Scarabaeus convexus</i>	1	5	30
Sisyphini	<i>Neosisyphus barbarossa</i>	0	15	19
	<i>Neosisyphus rubrus</i>	0	7	6
	<i>Sisyphus alveatus</i>	27	52	139
	<i>Neosisyphus spinipes</i>	0	2	6
Total		115	742	1518

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