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Supplementary Material

Does the photoluminescence of rat fur influence interactions in the field?

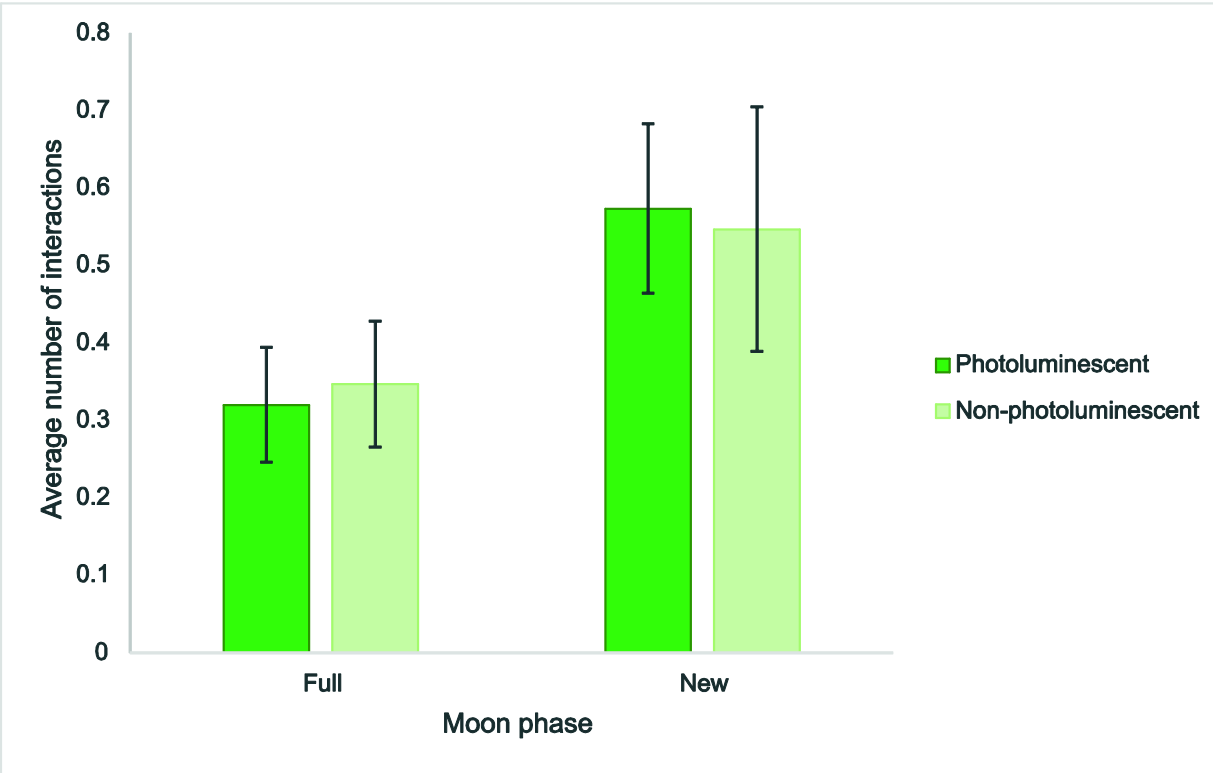
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Supplementary Fig. S1. Average number of interactions with different moon phase.

Supplementary Material Table S1. Taxonomic distribution of wild mammals and birds interacting with rat models in each habitat.

Including all camera stations, but excluding 18 interactions (two marsupial mammals, five placental mammals and 11 birds) that occurred during golden hours (i.e. outside of sunset–sunrise). Photo = Photoluminescent; Non = Non-photoluminescent.

Species	Total	Full Moon		New Moon	
		Photo	Non	Photo	Non
Farmland					
<i>Marsupial mammals</i>					
<i>Isoodon macrourus</i>	20	0	0	8	12
<i>Perameles pallescens</i>	12	0	0	6	6
<i>Sminthopsis virginiae</i>	1	0	0	0	1
<i>Placental mammals</i>					
<i>Canis familiaris</i>	5	2	1	2	0
<i>Felis catus</i>	4	2	1	0	1
<i>Oryctolagus cuniculus</i>	1	0	0	0	1
<i>Melomys</i> sp.	6	0	2	4	0
<i>Rattus rattus</i>	1	0	0	0	1
Rodentia	3	1	0	1	1
<i>Birds</i>					
<i>Accipiter fasciatus</i>	1	1	0	0	0
<i>Tyto longimembris</i>	3	2	1	0	0
<i>Burhinus grallarius</i>	1	0	1	0	0
Totals	58	8	6	21	23
Rainforest					
<i>Marsupial mammals</i>					
<i>Isoodon macrourus</i>	5	1	0	3	1
<i>Perameles pallescens</i>	12	3	2	6	1
<i>Thylogale stigmatica</i>	3	0	1	1	1
<i>Trichosurus vulpecula</i>	3	0	3	0	0
<i>Antechinus</i> sp.	1	0	0	0	1
<i>Placental mammals</i>					
<i>Canis familiaris</i>	3	0	3	0	0
<i>Felis catus</i>	1	1	0	0	0
<i>Uromys caudimaculatus</i>	4	0	0	1	3
<i>Hydromys chrysogaster</i>	1	0	0	1	0
<i>Melomys</i> sp.	1	1	0	0	0
<i>Rattus fuscipes</i>	1	0	0	0	1
Rodentia	1	1	0	0	0
Totals	36	7	9	12	8

Woodland					
		<i>Marsupial mammals</i>			
<i>Trichosurus vulpecula</i>	15	2	8	2	3
<i>Aepyprymnus rufescens</i>	8	1	1	2	4
<i>Dasyurus hallucatus</i>	5	1	2	2	0
<i>Petrogale mareeba</i>	3	1	2	0	0
<i>Macropus agilis</i>	1	0	1	0	0
<i>Macropus giganteus</i>	1	0	0	0	1
<i>Perameles pallescens</i>	1	0	0	1	0
		<i>Placental mammals</i>			
<i>Canis familiaris</i>	9	5	1	2	1
<i>Felis catus</i>	3	0	0	2	1
<i>Oryctolagus cuniculus</i>	1	0	0	0	1
		<i>Birds</i>			
<i>Alectura lathami</i>	1	1	0	0	0
Totals	48	11	15	11	11
Combined totals	142	26	30	44	42
