

## Supplementary Materials

**Supplementary Table S1:** Summary of the animals captured on remote sensor camera traps in the backyards of householders who volunteered for the camera survey, across day and night. The number of animals represents the number of occurrences observed, multiple images for a single occurrence were removed for analyses. Garden type categories range from less modified to the most, being: semi-natural, modified-natural, semi-modified, modified, and very-modified. Species observed were: brown antechinus - *Antechinus stuartii* (antechinus); northern brown bandicoot - *Isodon macrourus* (bandicoot); common brushtail possum – *Trichosurus vulpecula* (brushtail); buff banded rail – *Gallirallus philippensis*, bush turkey – *Alectura lathemi*, crested pigeon – *Ocyphaps lophotes*, laughing kookaburra – *Dacelo novaeguineae*, Australian magpie – *Gymnorhina tibicen*, noisy miner – *Manorina melanocephala* (all grouped together as ‘native bird’); black rat – *Rattus rattus* and brown rat – *R. norvegicus* (grouped together as ‘introduced rat’); domestic dog – *Canis familiaris* (dog); domestic cat – *Felis catus* (cat); and red fox – *Vulpes vulpes* (fox).

Location	Animal	Number of Each Animal	Total Number of Animals	Garden type
1	cat	6	9	modified
1	antechinus	1	9	modified
1	dog	2	9	modified
2	introduced rat	2	2	very-modified
3	antechinus	2	12	very-modified
3	brushtail	9	12	very-modified
3	native bird	1	12	very-modified
4	dog	3	3	semi-modified
5	brushtail	3	7	modified-natural
5	introduced rat	3	7	modified-natural
5	native bird	1	7	modified-natural
6	cat	1	29	very-modified
6	brushtail	10	29	very-modified
6	dog	17	29	very-modified
6	native bird	1	29	very-modified
7	brushtail	3	8	modified
7	dog	3	8	modified
7	introduced rat	2	8	modified
8	antechinus	37	49	semi-modified
8	brushtail	4	49	semi-modified
8	native bird	8	49	semi-modified
9	antechinus	1	15	very-modified
9	brushtail	1	15	very-modified
9	dog	8	15	very-modified
9	introduced rat	5	15	very-modified
10	cat	1	33	semi-modified
10	bandicoot	14	33	semi-modified
10	brushtail	1	33	semi-modified

10	introduced rat	14	33	semi-modified
10	native bird	3	33	semi-modified
11	cat	1	16	modified
11	antechinus	1	16	modified
11	brushtail	4	16	modified
11	dog	6	16	modified
11	native bird	4	16	modified
12	cat	1	2	very-modified
12	introduced rat	1	2	very-modified
13	brushtail	32	32	semi-modified
14	native bird	2	2	very-modified
15	fox	1	26	semi-natural
15	brushtail	15	26	semi-natural
15	introduced rat	1	26	semi-natural
15	native bird	9	26	semi-natural
16	cat	3	32	very-modified
16	brushtail	11	32	very-modified
16	introduced rat	18	32	very-modified
17	brushtail	1	33	semi-modified
17	dog	21	33	semi-modified
17	introduced rat	10	33	semi-modified
17	native bird	1	33	semi-modified
18	dog	9	11	modified
18	introduced rat	2	11	modified
19	dog	6	7	modified
19	native bird	1	7	modified
20	cat	1	3	modified
20	brushtail	1	3	modified
20	introduced rat	1	3	modified
21	introduced rat	1	2	very-modified
21	native bird	1	2	very-modified

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**Supplementary Information:** The University of Sydney Human Ethics approved written survey questions that were distributed to 400 households.



Discipline of Biology  
School of Life and Environmental Sciences  
Faculty of Science

## Questions for urban residents near bushlands

PLEASE NOTE THIS IS A CONFIDENTIAL SURVEY; YOUR IDENTITY WILL NOT BE RELATED TO THE ANSWERS

1. Do you have domestic pets / livestock / poultry? Y      N
2. What are they, and how many? .....  
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3. Do they have access to your yard? Y      N
4. How frequently? .....
5. Are they allowed to roam freely off your property? Y      N
6. How would you describe your yard (e.g. open grass area, vegetable garden, several small trees, shrubs, garden bed, raised garden bed, shed... etc.)?  
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7. How often do you water your yard? .....
8. Is there a constant water source in your yard (e.g. bowl, bird bath)? Y      N
9. Do you apply any fertilisers or otherwise to your yard? Y      N
10. What are they, and how frequently? .....  
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11. Do you apply any pesticides or otherwise to your yard (including cockroach or ant sprays, and natural remedies such as salt, soap, or vinegar)? Y N

12. What are they, and how frequently? .....

13. Do you have a light that shines on to your yard at night? Y N

14. How frequently, and what wattage? .....

15. Do you think that noise from your regular activities can be heard in your yard, please indicate the type of noise being made, how frequently it is made, and how loud it appears to you (e.g. music from stereo in house daily in mornings – heard outside at a moderate level that could easily be talked over).

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16. Do you know how long your current fence has been there? .....

17. Do you know what it is made of? .....

18. Does it go to ground level or below, or have a gap? .....

19. Have you noticed any wildlife activity or signs of it (like diggings / holes) in your yard, please detail what and how frequently.

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20. Do you use the near-by bushland, State Conservation Areas and / or Nature Reserves? If so, please indicate which areas, how often, and what activities you undertake there (e.g. cycling, running, walking, dog walking, horse riding, animal observations).

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