

Supplementary Material

Environmental perception survey: owls and rodents

1.

Personal Data for Data Analysis

Property and Location: _____ **Date:** //____ **Contact**
(Phone/Email): _____ **Gender:** _____ **Respondent Name**
(Optional): _____

Age: ☐ <20 ☐ 20-29 ☐ 30-39 ☐ 40-49 ☐ 50-59 ☐ 60-69 ☐ >70

Education & Occupation: **Education Level:** ☐ Primary ☐ Secondary (C / Inc) ☐ Tertiary (C / Inc) ☐ University (C / Inc) **Profession/Occupation:** _____

Connection to the Region:

Born & Raised in the Region? _____ **Origin (Detail):** _____ **Years**
living in the Region: _____

Did you grow up in contact with nature? ☐ A lot ☐ A little ☐ Not at all

Residency Status on Property: ☐ Annual ☐ Seasonal ☐ Irregular ☐ Other: _____

Family & Social Group: # **Children on property?** _____ **Approx. Ages:** _____
Animals in property? _____

2.

OWLS

1. Have you ever seen an owl? ☐ Yes ☐ No ☐ Not sure

2. Do you usually stay outside the house during night or low-light hours? ☐ Yes ☐ No

3. How much do you agree with the following statements?

Statement	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
They scare me					
They bring bad luck / bad news					
They bring good luck					
They are useful and should be protected					

4. Have you seen any of these owls in this area? (See the photographs on the following pages.)

Species	Yes	No	Not Sure
American Barn Owl			
Rufous-legged Owl			
Lesser Horned Owl			
Austral Pygmy Owl			

5. Have you heard any of these sounds? (responses are recorded after people listen to vocalizations)

Species	Yes	No	Not Sure
American Barn Owl			
Rufous-legged Owl			
Lesser Horned Owl			
Austral Pygmy Owl			

6. Do you know if owls eat...:

- **Poultry (chickens, etc.):** ☐ Yes ☐ No ☐ Don't know
- **Toads, frogs, lizards:** ☐ Yes ☐ No ☐ Don't know
- **Mice/Rodents:** ☐ Yes ☐ No ☐ Don't know
- **Insects, spiders, bugs:** ☐ Yes ☐ No ☐ Don't know
- **Plants (leaves, seeds, etc.):** ☐ Yes ☐ No ☐ Don't know

7. Do you know if owls nest in...?

- **Tunnels in the ground:** ☐ Yes ☐ No ☐ Don't know
- **Floating reed platforms:** ☐ Yes ☐ No ☐ Don't know
- **Hollow trees or stumps:** ☐ Yes ☐ No ☐ Don't know
- **Nests built by other birds:** ☐ Yes ☐ No ☐ Don't know
- **Buildings (houses, sheds):** ☐ Yes ☐ No ☐ Don't know

8. Do you know if people in the area have killed or do kill owls? And the reasons?

RODENTS AND SANITARY RISK

9. Knowledge about small mammals in the Region.

Statement	Yes	No	Don't know	Observation
There are several wild rodent species in local forests				
Some rodents approach or enter homes				
Are there rodents brought from other parts of the world?				
Are home/peripheral rodents eaten by native carnivores?				

10. Perceptions of rodents and disease risk.

Statement	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Wild rodents fulfill roles in the environment					
It's good for rodent predators to be near homes					
I would do anything to eliminate rodents in my yard					

11. Is having rodents in nearby natural areas a problem? ☐ Yes ☐ No ☐ Don't know

12. What problems do they cause you? _____

13. In your opinion, do these factors increase the chance of having rodents?

- **Abandoned buildings/sheds:** ☐ Yes ☐ No ☐ Don't know
- **Well-built homes (no holes) prevent rodents:** ☐ Yes ☐ No ☐ Don't know
- **Thickets/Scrubland (rosehip, blackberry):** ☐ Yes ☐ No ☐ Don't know
- **Deforestation of nearby forests:** ☐ Yes ☐ No ☐ Don't know
- **Organic waste / Compost:** ☐ Yes ☐ No ☐ Don't know
- **Scaring away mouse-hunting animals:** ☐ Yes ☐ No ☐ Don't know

14. How do you keep rodents out of your home/yard?

	Method Results / Costs / Risks Identified
Poisons (Which ones? Brands, names)	
Cats	
Dogs	
Traps (Which ones?)	
Fumigation	
Others:	

15. Would you like owls visiting your home surroundings to help control rodents?

16. Would you allow us to study owls on your property/surroundings? _____

17. Do you know any legends about owls? _____

18. Does the use of poisons affect owls? _____

Rufous-legged owl — *Strix rufipes* — Photo: Facundo Vital



Rufous-legged owl — *Strix rufipes* — Photo: Gonzalo Ignazi



American barn owl — *Tyto furcata* — Photo: Facundo Vital



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American barn owl — *Tyto furcata* — Photo: Nico Pérez



Lesser horned owl — *Bubo magellanicus* — Photo: Alvaro Moya Rizzo



Lesser horned owl — *Bubo magellanicus* — Photo: Facundo Vital



austral pygmy owl — *Glaucidium nana* — Photo: Facundo Vital



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Austral pygmy owl — *Glaucidium nana* — Photo: Alvaro Moya Rizzo

