

**Locating species range frontiers: a cost and efficiency comparison of citizen science and hair-tube survey methods for use in tracking an invasive squirrel**

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Detailed costs by category of the hair-tube survey (Table S1), both total and per survey, and the citizen science survey (Table S2), total and per week, to detect squirrel presence.

Where appropriate costs are separated by initial outlay or per survey/week.

**Table S1**

<i>Hair-Tube Study</i>	<i>Initial outlay (€)</i>	<i>Price per unit (€)</i>	<i>Price per survey (€)</i>	<i>Total (€)</i>
<i>Personnel</i>				
Tube construction	425.00	25.00 hr <sup>-1</sup>		425.00
Planning		12.50 hr <sup>-1</sup>	25.00	350.00
Deploy/collect		12.50 hr <sup>-1</sup> (x2)	400.00	5600.00
Hair analysis		12.50 hr <sup>-1</sup>	100.00	1400.00
<i>Travel</i>				
Travel to/from site		0.39/km	143.52	2009.28
<i>Equipment</i>				
Tubes	144.65	1.45		144.65
Glue blocks	10.00	0.05		10.00
Wire	45.00			45.00
Adhesive paper	18.20	1.30 sheet <sup>-1</sup>		18.20
Craft glue	4.00			4.00
HistoClear	54.70			54.70
Twine	24.00			24.00
<i>Bait/Consumables</i>				
Plastic bags (2 sizes)	52.49			52.49
Vegetable oil	2.15			2.15
Gelatin	30.91			30.91
Microscope slides	23.27			23.27
Hazelnuts		0.055 tube <sup>-1</sup>	1.65	23.10
Maize		0.01 tube <sup>-1</sup>	0.39	5.46
Peanuts		0.058 tube <sup>-1</sup>	1.74	24.36
<i>Total</i>	834.37		672.30	10246.57

**Table S2**

<i>Citizen Sci. Survey</i>	<i>Initial outlay (€)</i>	<i>Price per unit (€)</i>	<i>Price per week (€)</i>	<i>Total (€)</i>
<i>Personnel</i>				
Website design	859.92	30.00 hr <sup>-1</sup>		859.92
Website mgmt.		30.00 hr <sup>-1</sup>	4.04	420.00
Data mgmt.		12.50 hr <sup>-1</sup>	100.00	10400.00
Newspaper publicity	200.00	12.50 hr <sup>-1</sup>		200.00
Interviews	200.00	12.50 hr <sup>-1</sup>		200.00
Public presentations	200.00	12.50 hr <sup>-1</sup>		200.00
<i>Travel</i>				
Poster publicity	448.50	0.39 km <sup>-1</sup>		448.50
<i>Equipment</i>				
Website hosting		71.00 year <sup>-1</sup>	1.37	142.00
<i>Bait/Consumables</i>				
Poster printing	60.00	0.30 poster <sup>-1</sup>		60.00
<i>Total</i>	1968.42		105.40	12930.42