

# ESTIMATE

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Boyd Ecological Survey  
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To:  
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Raddery Community

## Den of Raddery – Estimate for Baseline Ecological Survey

### Background

Den of Raddery is a south-facing strip of largely deciduous woodland on both banks of the Burn of Raddery on the Black Isle (NH 714596). It is some 750m long and 375m wide at its widest point. Baseline ecological survey is not exhaustive, but is designed to provide baseline objective ecological data on the habitats and species present. Depending on what is found, this may help inform decisions over the future of the woodland. For each feature a short description of survey methods and the relevant survey guidelines are given, as well as an estimate of time and cost.



Feature	Survey description/protocol	Timings	Total days	Cost
Habitat	Phase I survey mapping, with target notes for species/features of interest  Output – basic habitat map with target notes	June	0.5	£100
Badgers	Badger survey following <i>Surveying for Badgers: Good Practice Guidelines</i> (Scottish Badgers, 2018). This includes: desk study of any existing data, walkover of linear features and habitat edges on the site, record of setts and field signs.  Output - Short report covering legislative and ecological background, data and map of recorded badger	March	1	£200

	activity and advice on threats of development			
Bats	Ground level survey for possible roost sites, basic activity survey, following <i>Bat Conservation Trust Good Practice Guidelines 3<sup>rd</sup> edition 2016</i>  Output – Short report listing bat species recorded in the woodland, map of any roost sites or areas of interest detected, and advice on threats.	Walkover for possible roosts – March  Acoustic activity survey - June	0.5  2 dusk visits (1 day)	£100  £200
Birds	Breeding bird survey of all birds in the woodland – 6 visits recommended (see Bird Survey Guidelines, 2021)  Raptor survey  Output – Map and list of priority species recorded and list of non-priority species. Priority species' nest locations will remain confidential.	6 visits including 5 dawn the 1 dusk visit between late March – late June  As part of Breeding bird survey	3 days	£600
Red Squirrel	Visual survey following Gurnell <i>et al</i> 2009, possible dreys, signs and sightings recorded  Output – Short report covering data found, legislative and ecological background and advice on threats	1 visit March for drey count  Sightings recorded as part of other surveys	1 day	£200
Pine Marten	Visual survey of possible dens  Scat record  Output – Signs of presence recorded and mapped.	Included as part of early spring red squirrel survey  June – included as part of other survey	Included in other survey	
Otter & watervole	Visual survey of signs along the Burn of Raddery.  Output – Any signs recorded and mapped	May, and incidental to other surveys	0.5 day	£100
Reptiles & Amphibians	Visual survey of signs  Output – Presence recorded	Included as part of other survey		
Transport	Petrol @ 45p/mile	Bike to be used where possible		
				£1500 (estimate)

prepared by: Rebecca Boyd