## **ESTIMATE**

6 October 2022

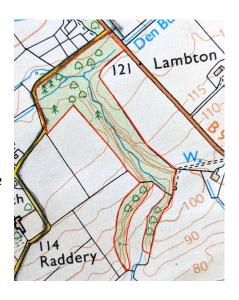
Boyd Ecological Survey West Brae, Culbokie Dingwall IV7 8JU 01349 877026 07977297848

To:
Bev Smith
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	June	0.5	£100
	Output – basic habitat map with target			
	notes			
Badgers	Badger survey following Surveying for Badgers: Good Practice Guidelines (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.	March	1	£200
	Output - Short report covering			
	legislative and ecological background,			
	data and map of recorded badger			

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

prepared by: Rebecca Boyd