



## Biodiversity and Ecosystem Evidence and Research Needs Programme

### Biodiversity and Ecosystem Research Funding Round 2019 – Summary of research projects receiving grants

Research project title	Lead	Project Supervisor	Research organisation
The unseen biodiversity of Welsh soils: the role of microbial dark matter in carbon turnover	David Fidler	Prof James McDonald	Bangor University
The genetic diversity of a small isolated red squirrel ( <i>Sciurus vulgaris</i> ) population: The national conservation lessons from Holy Island	Jackie Dyda	Dr Katherine Steele Dr Craig Shuttleworth	Bangor University
Temporal changes in reptile populations of the Rhondda Valleys, South Wales	Matthew Hopes	Dr Rhys Jones	Cardiff University
“Obtaining evidence on how people access ecosystem services in mid-Wales” chapter under Beyond Land Cover; understanding how we engage with nature in Wales PhD	Rachel Dolan	Dr Simon Willcock	Bangor University
Quantifying the effects of deer on woodland structure in a human-altered landscape	Amy Gresham	Dr Graeme Shannon	Bangor University
How does harvesting of problem macroalgae within Milford Haven affect the ecology of receiving habitats?	Catherine Oliver	Dr Pippa Moore	Aberystwyth University
Documenting breeding behaviour on an expanding and understudied colony of seabirds – Middle Mouse, Anglesey		Dr James Waggitt	Bangor University
Assessing people’s perception of Invasive Alien Species in the landscape	Bryn James	Anil de Sequeira Gethin Davies	Bath Spa University Snowdonia National Park Authority



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Identifying the drivers of fallow deer ( <i>Dama dama</i> ) resource use and movement in North Wales	Owain Mark Barton	Dr Graeme Shannon	Bangor University
The role of soil microbes in plant community development and organic matter dynamics in coastal grasslands	Liam George	Dr Gareth Griffith	Aberystwyth University
Novel use of eDNA for studying Arctic charr spawning and early life-stages	Antony Smith	Prof Gary Carvalho Dr Mat Seymour Dr Nigel Milner	Bangor University
A pre-emptive integrated impact assessment of an introduced snake in North Wales	Thomas Major	Dr Wolfgang Wüster	Bangor University
Reducing Curlew nest mortality through modifying the first silage cut in improved grassland	Lina Koko	Dr Prysor Williams Dr Rachel C. Taylor	Bangor University British Trust for Ornithology Cymru
Spraint persistence in the natural environment – how reliable is otter sign as an indication of current site use?	Nia Thomas	Dr Eleanor Kean	Cardiff University
Assessing the Effect of Habitat Fragmentation on the Genetic Diversity of <i>Bufo bufo</i> within North Wales	Natasha Savage	Dr Anita Malhotra	Bangor University
The Effect of Artificial Nest Boxes on the Ectoparasite Communities of Burrow Nesting Seabirds	Sarah Morgan	Dr Sarah Perkins Dr Robert Thomas	Cardiff University