

Part B. Details of Ecologists expected to be working under this license (2025)

Forename(s)	Surname (s)	Experience
Róisín	NigFhloinn	Experienced
Jason	Guile	Experienced
Emmi	Virkki	Experienced
Róisín	O Connell	Experienced
Patrick	Power	Experienced
Louise	Gannon	Experienced
Damien	Mc Andrew	Experienced
Sophie	Papczyk	Experienced
Amy	Adwan	Experienced
Jenny	Kiely	Training
Aedín	Lewis	Training
Bruno	Mels	Training
Leona	McSharry	Training
Jasmin	Day-O'Neill	Training
David	McGarrell	Training
James	O Connor	Training
Emmeline	Cosnett	Training
Patrick	Quinn	Training
Maeve	Maher-McWilliams	Training
Jesse	Young	Training
Brittany	Arendse	Training
Conn	Barry	Training
Tanushree	Mandra	Training
Fern	Mc Cann	Training
Nikolina	Foric	Training
John	Ball	Training

Experienced surveyors profile list

1. Róisín NigFhloinn

Róisín currently works for Woodrow Sustainable Solutions Ltd. as an Associate Director. She has carried out numerous bat activity surveys and preliminary tree roost assessments for Woodrow during the last 6 years she has worked for them.

She previously worked as a Senior Ecologist for Scott Cawley from 2014 – 2017 and undertook numerous building, tree and structure inspections under various derogation licences for this company. Work was initially overseen by one of the Directors, Paul Scott, and she eventually progressed to carrying out inspections under the company licences. Structures that she

has surveyed ranged from old buildings, more modern buildings and trees under the company licences. She has surveyed several confirmed bat roosts with Paul Scott, Dr. Daniel Buckley and colleagues during the course of my work (e.g. Lesser Horseshoe Roost at Melough Castle, Co. Galway; Castleboro House, Co. Wexford and Coolbawn House, Co. Wexford – where hibernating bats were recorded) and have also personally identified bat roosts during bat survey work for this company (e.g. Leisler's and a pipistrelle bat roosts in Manulla, Co. Mayo and pipistrelle bat roosts at Auburn House, Co. Dublin). Survey records were provided to Bat Conservation Ireland by Scott Cawley. Róisín has undertaken bat surveys, including both activity surveys, tree and structure inspections. She previously worked for Mott MacDonald (as a Graduate Ecologist and was promoted to Ecologist) in Bristol UK (2009 – 2014) and carried out bat surveys (including building and bridge inspections under the supervision of Bat Ecologists licenced under Natural England licences, often overseen by licensed Bat Ecologist Joanne Bates. Work included such projects as potential bat roost inspections of school buildings due for development, inspections of bridges for South Wales Trunk Roads Agency (SWTRA) and the Highways Agency, and numerous bat activity surveys. Róisín surveyed a known pipistrelle maternity roost at Rhoscrowther in Wales and identified a bat roost at Loch Lomond in Scotland (likely *Myotis* sp. or Brown long-eared bat, noted distinctive bat droppings on the external walls of slatted shed/caretaker building while assisting with Freshwater pearl mussel survey for the Glasgow office.

Relevant courses / training undertaken:

- Bat Tree Roost Identification & Endoscope Training Workshop (Bat Conservation Ireland). 2019
- Internal training, radio tracking and handling of lesser horseshoe bats (Scott Cawley) 2017
- Bat Surveying and Analysis (Dr. Emma Stone/University of Bristol) 2012
- Bat Surveying Training Day (Avon Bat Group) 2012
- Bat Ecology Training course, including mist netting & handling (Richard

Crompton/Field Studies Council) 2012

NPWS derogation licence (bat roost disturbance) – generic licences held:

2019 (DER/BAT 2019-33)

2021 (DER/BAT 2019-33)

2022 (DER/BAT 2019-33)

2024 (DER/BAT 2024-27)

2025 (DER BAT 2025 193)

Examples of demolition / roost closure projects undertaken under licence in Rol:

- Demolition of Cottage, Camroos Td, Ballymote, Co. Sligo DER-BAT-2021-112

2. Jason Guile

Jason Guile is an experienced Associate Director with Woodrow and has reviewed this report. Jason has over 15 years' experience in ecological assessment and holds a BSc in Marine Biology/Oceanography from the University of Wales, Bangor and a HND in Coastal Conservation with Marine Biology from Blackpool and Fylde College. Jason has a wide range of experience in the preparation of Environmental Impact Assessment Reports, Appropriate Assessment Screening reports and Natura Impact Statements. Jason was the lead ecologist on a range of projects in the UK, including large scale infrastructural schemes. Since moving to Ireland, he has been lead

ecologist / author (EIAR, EclA, AA Screening reports and NIS's) for a number of projects including renewables, historic landfill remediation works, urban planning applications and commercial regeneration sites.

Relevant courses / training undertaken:

- 2023 Bat Handling, Identification and Advanced Survey Techniques (Bat Conservation Ireland)

NPWS derogation licence (bat roost disturbance) – generic licences held:

- 2025 (DER-BAT-2025-194)

3. Amy Adwan

Amy is a Senior Terrestrial Ecologist with nine years' experience and specialises in bat ecology. She has worked on numerous bat projects from small and large scale residential, renewable, road schemes and infrastructure projects. She has extensive expertise in bat survey design, acoustic analysis, impact assessment, mitigation, licensing, and site supervision (Ecological Clerk of Works). Her experience includes leading projects on large and complex roosts (some of over 700 individuals), developing bespoke mitigation such as bat house designs and complex exclusions, and licences associated with same. She is proficient in sonogram analysis using Kaleidoscope Pro and Anabat Insight and has completed the BatAbility Certificate in Bat Acoustics Analysis.

Relevant courses / training undertaken:

NPWS derogation licence (bat roost disturbance) – generic licences held:

2022 (DER BAT 2022 106)

2023(DER BAT 2023 111)

2024(DER BAT 2024 34)

Licence No. 50/2023 and 012/2024 (photography for bats)

Licence No. C08/2023 and C17/2024 (bat handling)

4. Róisín O'Connell

Róisín works as an Ecologist at Woodrow during her last three years, she has been extensively involved in bat surveys, static deployments, bat data analysis, the compilation of bat results reports and bat impact assessments roost assessments and roost inspections in over several wind farm sites. In Róisín's previous employment as part of induction at Scott Cawley, she received in-house training in bat survey techniques for dusk/pre-dawn emergence and re-entry surveys, walked transects, and roost inspections (such as for buildings and trees). She further augmented this training by participating in various online training webinars listed below. In her current role at Woodrow, Róisín assists in conducting roost inspection surveys, utilizing equipment such as thermal cameras and endoscopes under the supervision of licensed roost surveyors. This has equipped her with the necessary skills to employ safe survey techniques that minimize the risk of significant disturbance to roosting bats. Róisín routinely performs ground-level roost suitability

surveys following BCI Guidelines to inform Bat Assessments and Ecological Impact Assessment (EclA). These non-invasive survey techniques involve inspecting and assessing potential bat roost features. Róisín routinely conducts emergence/re-entry surveys at derelict buildings, potential tree roosts, and bridges. She carried out multiple surveys during the 2021 bat season and remains engaged in this work in the 2022 to 2025 seasons and remains engaged in this work in 2026.

She is also an active volunteer with Bat Conservation Ireland and a member of the BCI Cavan Bat Group.

Relevant courses / training undertaken:

- 2022 (July) Daubentons' Bat waterway site training course (Bat Conservation Ireland)
- 2022, 2023 Woodrow internal inspection training covering inspection and endoscope usage (Oisín O Sullivan)
- 2023 Bat Handling, Identification and Advanced Survey Techniques (Bat Conservation Ireland)
- 2023 Bat Ecology and Survey (CIEEM/Emma Boston)
- 2024 Bat monitoring scheme
- 2025 Bat Handling, Identification and Advanced Survey Techniques (Bat Conservation Ireland)

NPWS derogation licence (bat roost disturbance) – generic licences held:

2022 (DER-BAT-2022-167)
2023 (DER-BAT-2022-167)
2024 (DER/BAT 2024-27)
2025 (DER BAT 2025 197)

Volunteering

Bat Conservation Ireland All-Ireland Daubenton's Waterways Survey 2022 - Present

Bat Conservation Ireland: The Cavan Bat Group 2023 – Present

BCI Neighbourhood Bat Project 2024 and 2025

BCI Frost Swarming Project 2026

5. Patrick Power

Patrick Power works at Woodrow as an Ecologist for the last three years and has been heavily involved in static deployments, bat roost surveys, and roost inspections under supervision of fully licensed surveyors. Since getting his training license he has assisted in roost inspections on over 20 site visits between 2022 and 2023 consisting of wind farms, building demolition, and other various development projects with suspected roosts. He was also present with Oisín O Sullivan during the supervision of remedial works to the Burren Fadda lesser horseshoe bat roost in the winter of 2023 and summer roost survey count in July 2024. He carried out multiple surveys during the 2023 – 2025 seasons bat season and remains engaged in this work in and beyond.

Relevant courses / training undertaken:

- 2022, 2023 Woodrow internal inspection training covering inspection and endoscope usage (Oisín O Sullivan, Róisín O'Connell, Frederico Hintze)

NPWS derogation licence (bat roost disturbance) – generic licences held:

2022 (DER-BAT-2022-171)

2023 (DER-BAT-2023-131)
2024 (DER/BAT 2024-27)
2025 (DER BAT 2025 195)

6. Louise Gannon

Louise currently works at Woodrow as an Ecologist. During her time at Woodrow, she has been heavily involved in bat surveys, bat data analysis and reporting. This work has included carrying out walked and driven transects. Louise has carried out numerous walked and driven transects for wind farm sites and smaller scale projects (e.g. Pre-demolition surveys) during the 2021 – 2025 bat seasons and will continue to be involved in this work in the 2026 season. Carrying out emergence/re-entry surveys at derelict buildings, potential tree roosts and bridges. She had also carried out multiple emergence/re-entry surveys during the 2021 – 2023 bat seasons. Louise has carried out emergence/re-entry survey on treelines, bridges and derelict buildings for residential development projects and windfarm sites. Her work included carrying out ground level roost suitability surveys, using BCI Guidelines, to inform Bat Assessments and EclAs and conducting roost inspection surveys on potential tree roosts and buildings/bridges supervised by a licenced roost surveyor.

Relevant courses / training undertaken:

- 2021 Woodrow internal inspection training covering inspection and endoscope usage (Oisín O Sullivan)
- 2022 Introduction to Bat Ecology and Bat Surveys (CIEEM)
- 2022 Bats: Assessing the Impact of Development on Bats, Mitigation and Enhancement (CIEEM)
- 2023 Alternative Bat Identification and Handling Techniques (James Shipman/Jersey Bat Group)

NPWS derogation licence (bat roost disturbance) – generic licences held:

2023 (DER-BAT-2023-25)
2024 (DER-BAT-2023-25)
2024 (DER/BAT 2024-27)
2025 (DER BAT 2025 196)

7. Damien Mac Andrew

Damien joined Woodrow as a Bat Ecologist in 2024. Having come from a background in general ecology, Damien received in-house training whilst working for JBA Consulting in bat survey techniques for dusk/pre-dawn emergence and re-entry surveys, walked transects, and roost inspections (such as buildings and trees). Damien's bat survey experience includes preliminary roost assessments on trees and bat survey experience includes preliminary roost assessments on trees and structures, endoscope inspections of potential roost features (PRFs) on trees and structures (including attic spaces), walked bat activity transects, presence/absence surveys of PRFs on trees and structures, deployment of static detectors, assessment of habitat suitability and bat call analysis. He carried out multiple surveys during the 2024 to 2025 seasons bat season and remains engaged in this work in 2026.

Relevant courses / training undertaken:

- JBA Consulting internal inspection training covering inspection and endoscope usage.
- Introduction to Bat Ecology and Bat Surveys, CIEEM 2022
- 2025 Bat Handling, Identification and Advanced Survey Techniques (Bat Conservation Ireland)

NPWS derogation licence (bat roost disturbance) – generic licences held:

2022 (DER/BAT 2022-19)

2024 (DER/BAT 2024-27)

2025 (BAT DER 2025 199)

Examples of demolition/roost closure projects undertaken under licence in Rol:

Licence No. DER/BAT 2022-19. Licence issued for 8/9 Rutland Street, Opera Development Site, Limerick City, Co. Limerick V94 F2K7

Volunteering

Bat Conservation Ireland All-Ireland Daubenton's Waterways Survey 2022 - Present

Bat Conservation Ireland: The Bat Panel 2024 – Present

8. Sophie Papczyk

Sophie joined Woodrow in late 2023 and has experience in bat identification, preliminary roost assessments, roost inspections, activity surveys, transect surveys, static surveys, netting, capture and handling, presence/absence surveys, back-tracking, emergence, trapping, radio tagging and telemetry, echolocation call analysis. These surveys were carried out under license in Germany while working on the "SuedOstLink (SOL)" power line from North to South Germany. They were done across the 2020 survey season.

NPWS derogation licence (bat roost disturbance) – generic licences held:

2024 (DER/BAT 2024-27)

2025 (DER BAT 2025 200)

9. Emmi Virkki

Emmi has extensive experience in wide variety of bat surveys that she has gained over a seven-year period working in ecological consultancy in Ireland. She is a Senior Ecologist with Woodrow since May 2023 and a full member of Chartered Institute of Ecology and Environmental Management. Emmi's bat survey experience includes preliminary roost assessments on trees and structures, endoscope inspections of potential roost features (PRFs) on trees and structures (including attic spaces), walked bat activity transects, presence/absence surveys of PRFs on trees and structures, deployment of static detectors, hand and mist netting, harp trapping, bat handling, radio tracking of tagged bats, assessment of habitat suitability and bat call analysis. This experience relates to commercial, educational and transport projects mainly in urban settings and has been carried out under licenses outlined below. Her experience also includes mitigation proposals and supervision of removal of confirmed bat tree roosts under licenses.

NPWS derogation licence (bat roost disturbance) – generic licences held:

2019 (DER/BAT 2019-13)
2019 (DER/BAT 2019-15)
2019 (DER/BAT 2019-64)
2020 (DER/BAT 2020-67)
2021 (DER/BAT 2021-01)
2022 (DER/BAT 2022-02)
2024 (DER/BAT 2024-27)
2025 (DER BAT 2025 198)

NPWS licences to capture / handle bats:

- 2021 (C2/2021)

Examples of demolition/roost removal projects undertaken under licence in RoI:

- Licence Nos. DER/BAT 2019-15 and DER/BAT 2019-64. Licences issued for the removal of potential bat tree roosts.

Emmi has been active in undertaking numerous courses and training on bats to enhance her skills in the areas of bat ecology, survey, mitigation, as well as capture and handling. She has also volunteered with Bat Conservation Ireland.

Relevant in-person courses/training undertaken:

- Bat capture and handling (Bat Conservation Ireland). 2017.
- Bat tree roost and endoscope training (Bat Conservation Ireland). 2019.
- Relevant online courses undertaken:
- BatAbility webinars, including:
- Artificial bat roosts. 2021.
- Bats and artificial light at nights (ALAN). 2021.
- Bats and hibernation. 2021.
- Bat call analysis and BatExplorer basics. 2020.
- Echolocation – More Advanced Bat Call Analysis. 2020.
- Bat Echolocation – Call Structure and Influence of Habitat. 2020.
- Bat Conservation Trust’s Big Bat Skills Event (online), including workshops on hibernation, building and tree surveys. 2020.
- Wildlife Acoustics webinar on Kaleidoscope Pro Bat Auto-ID. 2020.

Volunteering

- BATLAS 2020 survey volunteer for Bat Conservation Ireland. 2017