

Curriculum Vitae

Jodey Peyton

Personal statement:

I have expertise in leading and coordinating scientific projects. From inception to completion, I work with international teams to design research that delivers conservation objectives on the ground. I have a strong record of accomplishment in stakeholder liaison, leading to further project opportunities and the development of wider networks of researchers, NGOs and industry. I have experience in reporting and budget management for multiple funders. I have a strong passion for science communication and facilitation.

Summary of Professional Expertise:

- Leading and contributing to several European and international projects demonstrates my work in global research networks.
- Over ten years' experience of working with project stakeholders from government agencies, military, private industry, the public and traders. My experience in both chairing and facilitating meetings ensures that information flows successfully between all parties present; this enables all stakeholders to efficiently take required actions following group discussions.
- Lead and co-author on multiple scientific papers, reports and other outputs (e.g. book chapter and toolkit).
- My roles at IIASA, UKOTCF, with the UK Environmental Observation Framework Secretariat and as the Biodiversity Science Area Coordinator for the UK Centre for Ecology & Hydrology enabled me to develop my skills in working with stakeholders.
- My passion for science communication means I recognise the need for stakeholders across all communities to work together for the benefit of the natural environment; this has been supported through the capacity building projects I have both led and contributed to.
- Reporting to funders (annual/final reports/budget analyses), designing outreach materials and updating website content for diverse target audiences (government, NGO, academia, industry and public) across projects has enabled me to deliver concise communication messages.

Skills and competencies:

- Excellent communication skills, with a proven ability to engage a wide range of stakeholders, including government organisations, NGOs, private industry, farming collaborators and the public. I work hard to create effective communication networks in the work I do, as I believe that successful outcomes are more efficiently reached via shared communication.
- Proven success in proposal writing, science delivery and project management, including managing large budgets and reporting for international projects.
- Passionate team member focussed on task delivery. Additional skills and experience of leading teams and projects, such as working on a communication campaign with trade organisations for a large European Commission project.
- Exceptional organisational and time management skills, evidenced by my experience working on complex international projects and staff management, including remote working practices.
- Organisation of multiple in person and virtual conferences, workshops and meetings across science projects and charity work.
- High level of competency with Microsoft Outlook, Word, Excel, PowerPoint and Access, with additional working knowledge of other systems e.g. ArcGIS and R.

Work Experience and Employment History:

2024: current: **Researcher** in the Biodiversity, Ecology, and Conservation Research Group of the IIASA Biodiversity and Natural Resources. Project support. IIASA, Laxenburg, Austria.

2024: current: **Ecologist** with the UK Overseas Territories conservation Forum. Supporting UKOTs research and project implementation. UK.

2023: 2024: **External Relations Officer**: worked with researchers to deliver reporting materials for IIASA's Member Organizations. IIASA, Laxenburg, Austria.

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2008-2023: **Ecologist:** project management for international projects. Role includes budget management, project staff management, stakeholder liaison, funder reporting, paper writing and communications activities. UK Centre for Ecology & Hydrology (UKCEH), Wallingford.

2017-2022: **Science Area Coordinator:** working across UKCEH teams and with external funders and collaborators to deliver UKCEH strategy, organising meetings, leading on stakeholder liaison and workshop facilitation. UKCEH, Wallingford.

2015-2017: **Programme Coordinator** for the UK Environmental Observation Framework Secretariat: working with the Programme Manager to deliver multiple roles including UKEOF member liaison, organising meetings, taking minutes, organising workshops and drafting communication materials. UKCEH, Wallingford.

2007-2008: **Researcher:** BSBI, Monks Wood, Cambridgeshire.

2007: **Field Ecologist:** UKCEH, Monks Wood, Cambridgeshire.

2006-2007: **Ecological consultant: Botanist.** RPS Ecological Consultancy, Cambridge.

Research projects:

2023-2025: Task lead - *Developing a biodiversity & human well-being toolkit.* Co-designing, with local partners, biodiversity and well-being management options for a toolkit for development in Montserrat.

2023-2024: Assessor – *Red listing endemic cloud forest invertebrates of St Helena.* Worked with local and national experts to create red lists for endemic invertebrate species.

2022-2023: Principle Investigator - *The UK Overseas Territories: colonialism as a cultural and ecological driver and ensuring equity in environmental research and data exchanges* (£126,197). Worked with a multidisciplinary team, the project looked at the impacts of colonialism of the ecology and culture of the UKOTs and delivered a framework for best practice on data sharing.

2021-2023: Principle Investigator - *Building Knowledge of Invasive Non-native Species in Diego Garcia* (£355,190). Led international team to update terrestrial native and non-native species lists for Diego Garcia, ran biosecurity “train the trainer” events and developed management plans for invasive alien species of concern.

2019-2020: Co-Investigator - *NERC Innovate Grant “Developing a toolkit to enable positive ecological site management and resident well-being in Housing Association developments”* (£107,000). Developing and implementing a toolkit by working with housing providers to create biodiversity supporting management options and resident engagement with nature.

2019-2021: Co-Investigator - *Darwin funded project: Addressing drivers of ecological change in Lake Akrotiri SBA, Cyprus* (£238,838). Worked with the Cyprus Sovereign Base Areas to determine drivers of change on the internationally important wetland of Lake Akrotiri.

2019-2022: Project manager and Task Co-lead - *EC contract: Invasive Alien Species – enhancing understanding and communication.* Worked with stakeholders across Europe to deliver communication materials on the impacts of invasive alien species.

2018-2019: Project manager and Task Co-lead - *UK Government project: Predicting threat of invasive non-native species on UKOTs.* Coordinated work with over 150 local stakeholders across the 16 UKOTs to support create lists of invasive non-native species that negatively impact biodiversity, human health and/or the economy on the UKOTs.

2015-2022: Task co-lead - *EC Contract: Study on Invasive Alien Species – Development of Risk Assessments to tackle Priority Species and enhance prevention.* Worked with project team to deliver a shortlist of possible IAS for risk assessment.

2017-2019: Co-Investigator and Project manager - *Darwin funded project: Assessment of current and future Invasive Alien Species (IAS) in Cyprus* (£275,000). Managed team in UK and Cyprus Sovereign Base Areas and the University of Cyprus to deliver sustainable surveillance of current and potential future IAS on the SBAs in Cyprus, and the surrounding areas. Organised workshops, meetings, responsible for reporter funder and budget management.

Invited speaker examples:

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- Nov 2023 Invasive ants of the UKOTs: Horizon scanning for invasive non-native species.
- Jan 2022 European Federation for Living event for supporting biodiversity in urban areas – Online presentation on development of Biodiversity Toolkit to audience of 35 policy makers, industry, local government and NGOs.
- July 2021 Fit For Futures Urban Biodiversity Event – Online presentation on use of Biodiversity Toolkit for supporting local biodiversity to NGOs.
- May 2021 National Forum for Biological Recorders (NFBR) Annual conference: Outside the honeypot – wildlife recording in the urban world – Online presentation on biological recording and the Biodiversity Toolkit to 180 biological recorders, public, NGOs.

Personal Interests and Volunteering:

I am currently Vice-Chair of the [NFBR](#) and until February 2023, I was Chair of the [BSBI](#) Events & Communications Committee. Both these charities involve supporting and promoting the work of biological recorders. I lead meetings, chair conferences, promote the organisations and work on charity policies e.g. equality, diversity and inclusion.

Education:

PhD Predicting the arrival and mitigating impacts of invasive non-native species on UKOTs	University of Sussex 2018 -
MSc Biological Recording and Data Management (Distinction)	University of Birmingham 2012
BSc Zoology (2.1 Hons)	University of Bristol 2004
CHE Archaeology and Geology	University of Bristol 2001

Publications:

35. Dawson, W., **Peyton, J.** et al 2023 Horizon scanning for potential invasive non-native species across the United Kingdom Overseas Territories. *Conservation Letters*, 16 (1), e12928. 12, pp. <https://doi.org/10.1111/conl.12928>
34. Demetriou, J., C. Radea, **J. M. Peyton**, et al. 2023. [The Alien to Cyprus Entomofauna \(ACE\) database: a review of the current status of alien insects \(Arthropoda, Insecta\) including an updated species checklist, discussion on impacts and recommendations for informing management](#). *NeoBiota* 83:11-42.
33. **Peyton, J.** et al 2022 [Using expert-elicitation to deliver biodiversity monitoring priorities on a Mediterranean island](#). *PLoS ONE*, 17 (3), e0256777.
32. Meeus, S., **Peyton, J.** et al. 2022. Re-connecting Communities in Biodiverse Places to their Biological Heritage: The case of iguanas on Grand Cayman. *Biodiversity Information Science and Standards* 6:e93887.
31. Botham, M. S.,... and **J. M. Peyton**. 2021. [Biodiversity Toolkit for Housing Providers](#). Field Studies Council, Telford.
30. Breeze, T.D.; ... **Peyton, J.**; ... Carvell, C. 2021 [Pollinator monitoring more than pays for itself](#). *Journal of Applied Ecology*, 58 (1).
29. Roy, H. E., **J. M. Peyton**, and O. Booy. 2020. [Guiding principles for utilizing social influence within expert-elicitation to inform conservation decision-making](#). *Global Change Biology*, 26.
28. **Peyton, J.** et al. 2020 [Horizon scanning to predict and prioritize invasive alien species with the potential to threaten human health and economies on Cyprus](#). *Frontiers in Ecology and Evolution*, 8, 566281.
27. Hughes, K.A.; ... **Peyton, J.**; ... Roy, H.E. 2020 [Invasive non-native species likely to threaten biodiversity and ecosystems in the Antarctic Peninsula region](#). *Global Change Biology*, 26 (4).
26. **Peyton, J.** et al 2019 [Horizon scanning for invasive alien species with the potential to threaten biodiversity and human health on a Mediterranean island](#). *Biological Invasions*, 21.
25. Martinou, A.F.; ... **Peyton, J.M.**; ... Roy, H.E. 2020 [A call to arms: setting the framework for a code of practice for mosquito management in European wetlands](#). *Journal of Applied Ecology*, 57 (6).
24. O'Connor, R.S.; ... **Peyton, J.M.**; ... Carvell, C. 2019 [Monitoring insect pollinators and flower visitation: the effectiveness and feasibility of different survey methods](#). *Methods in Ecology and Evolution*, 10 (12).
23. Roy, H.E.; ... **Peyton, J.M.**; ... Rabitsch, W. 2019 [Developing a list of invasive alien species likely to threaten biodiversity and ecosystems in the European Union](#). *Global Change Biology*, 25 (3).
22. Malik, A.A.; ... **Peyton, J.M.**; ... 2018 [Land use driven change in soil pH affects microbial carbon cycling processes](#). *Nature Communications*, 9, 3591.

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21. Pescott, O.L.; ... **Peyton, J.M.**; ... Mountford, J.O. 2018 [The forest on the peninsula: impacts, uses and perceptions of a colonial legacy in Cyprus](#). In: Queiroz, Ana Isabel; Pooley, Simon, (eds.) *Histories of bioinvasions in the Mediterranean*. Cham, Springer, 195-217. (Environmental History, 8).
20. Roy, H.E.; ... **Peyton, J.** ... Zenetos, A. 2018 [Developing a framework of minimum standards for the risk assessment of alien species](#). *Journal of Applied Ecology*, 55 (2). 526-538.
19. Woodcock, B.A.; ... **Peyton, J.**; ... and Pywell, R.F. 2017 [Country-specific effects of neonicotinoid pesticides on honey bees and wild bees](#). *Science*, 356 (6345). 1393-1395.
18. Staley, J.T.; ... **Peyton, J.** and Pywell, R.F. 2017 [Effects of hedgerow management and restoration on biodiversity](#). Defra research project BD2114
17. **Peyton, J.** et al. 2017 [COST Action short term scientific mission – Alien plant species in Overseas Territories in Cyprus, 5th-18th March 2017](#). Wallingford, NERC/Centre for Ecology & Hydrology.
16. Isaac, N.; ... **Peyton, J.**; Roy, D. 2016 [Provision of evidence statements to accompany the UK and England species trend indicators and an overview of the causes of biodiversity change. Final report](#). Defra, 13pp. (CEH Project no. C05522, Defra Project no. BE0112)
15. Carvell, C.; ... **Peyton, J.**; ... Roy, H. 2016 [Design and testing of a national pollinator and pollination monitoring framework](#). Wallingford, NERC/Centre for Ecology & Hydrology, 62pp. (CEH Project no. C05217)
14. Wagner, M.; ... **Peyton, J.**; ... Pywell, R.F. 2016 [Creation of micro-topographic features: a new tool for introducing specialist species of calcareous grassland to restored sites?](#) *Applied Vegetation Science*, 19 (1).
13. **Peyton, J.** and Mountford, J.O., 2015. [COST Action Short Term Scientific Mission – Lake Akrotiri, Cyprus](#). Unpublished report.
12. Staley, J.T.; ... **Peyton, J.**; Pywell, R.F. 2015 [Re-structuring hedges: rejuvenation management can improve the long term quality of hedgerow habitats for wildlife in the UK](#). *Biological Conservation*, 186.
11. Pocock, M.J.O.; ... **Peyton, J.**; ... Roy, D.B. 2015 [Developing and enhancing biodiversity monitoring programmes: a collaborative assessment of priorities](#). *Journal of Applied Ecology*, 52 (3).
10. Roy, H.; ... **Peyton, J.**; ... Stewart, A. 2014 [Invasive alien species – framework for the identification of invasive alien species of EU concern](#). Brussels, European Commission, 298pp. (ENV.B.2/ETU/2013/0026)
9. Roy, H.E.; **Peyton, J.**; ... Walker, K.J. 2014 [Horizon scanning for invasive alien species with the potential to threaten biodiversity in Great Britain](#). *Global Change Biology*.
8. Stratford, C.; ... **Peyton, J.**; ... Redhead, J. 2014 [Survey and analysis of vegetation and hydrological change in English dune slack habitats](#). [Impact (Summary)]
7. **Peyton, J.**; Heard, M.S.; Pywell, R.F. 2013 [Testing the benefits of new agri-environment options for pollinating insects](#). Wellesbourne, Association of Applied Biologists, 291-296. (Aspects of Applied Biology, 118)
6. Roy, H.E.; ... **Peyton, J.** 2012 [Open Farm Sunday, Pollinator Survey](#). [Dissemination / Communication]
5. Staley, J.T.; ... **Peyton, J.**; ... Pywell, R.F. 2012 [Long-term effects of hedgerow management policies on resource provision for wildlife](#). *Biological Conservation*, 145 (1). 24-29. [10.1016/j.biocon.2011.09.006](#)
4. Wagner, M.; **Peyton, J.**; ... Pywell, R.F. 2012 [Species-specific establishment requirements in calcareous grassland restoration](#). Wellesbourne, Association of Applied Biologists, 23-30. (Aspects of Applied Biology, 115).
3. Wagner, M.; **Peyton, J.**; ... Pywell, R. 2011 [Effects of Yellow-rattle \(*Rhinanthus minor*\) establishment on the vegetation of species-poor grassland](#). Association of Applied Biologists, 59-66. (Aspects of Applied Biology, 108).
2. Hinsley, S.A.; ... **Peyton, J.**; Pywell, R.F. 2010 [Performance and effectiveness of winter bird food patches established under Environmental Stewardship: results from the Hillesden experiment](#). Association of Applied Biologists, 151-158. (Aspects of Applied Biology, 100).
1. Woodcock, B.A.; ... **Peyton, J.**; ... Pywell, R.F.; Heard, M.S. 2010 [Impact of habitat type and landscape structure on biomass, species richness and functional diversity of ground beetles](#). *Agriculture Ecosystems & Environment*, 139. 181-186.