ReSurveyEurope

Project Metadata Form

When contributing data to ReSurveyEurope, please fill in this form for each resurvey project and send it to Ilona Knollová (ikuzel@sci.muni.cz) together with the database. A resurvey project is understood as repeated sampling of a certain type of vegetation in a certain study area using specific methods.

- PROJECT NAME (identical with the Resurvey Project name given in the database):
  GBNVPD -resurvey part

- FULL PROJECT NAME (use if the full project name is longer than used in the database):
  The National Vegetation Plot Database of Great Britain -resurvey part

- REFERENCE (publication or URL or DOI of the dataset if published online):

- DATA OWNER: person(s), institution(s):
  UK Centre for Ecology and Hydrology, Great Britain

- CONTACT E-MAIL:
  Zeke Marshall, zekmar@ceh.ac.uk

- METHODS (description of sampling design and methods):

  15 different resurveyed datasets (brief description and citations for each project is in separate tables below)**:**
  UK_0005a Bedfordshire Long-Term Resurvey
  UK_0005b Bunce Woodland Survey
  UK_0005c Countryside Survey
  UK_0005d DoE climate change monitoring plots
  UK_0005e Environmental Change Network
  UK_0005f ITE Railway Vegetation Survey
  UK_0005g Keen of Hamar Nutrient Addition
  UK_0005h McCullagh NVC Surveys
  UK_0005i McVean and Ratcliffe
  UK_0005j Natural England Long Term Monitoring Network
  UK_0005k NatureScot Peatland ACTION
  UK_0005l NPMS Inventory-Level Plots
  UK_0005m Parsonage Down NNR
  UK_0005n Saltmarshes 2018-2021

- ENVIRONMENTAL DATA (list of environmental data measured):

- MANIPULATED PLOTS (description of the treatment if the plots were manipulated, e.g. mowing twice a year, fertilizing by NPK once a year, post-fire succession)

NA

Zeke Marshall

[place, date]

[owner´s name]

Resurvey Code	Resurvey project name	Study type	Habitat
UK_0005a	Bedfordshire Long-Term Resurvey	resampling	terrestrial habitats
UK_0005b	Bunce Woodland Survey	resampling	Forests
UK_0005c	Countryside Survey	resampling	terrestrial habitats
UK_0005d	DoE climate change monitoring plots	permanent	Grasslands
UK_0005e	Environmental Change Network	permanent	terrestrial habitats
UK_0005f	ITE Railway Vegetation Survey	resampling	terrestrial habitats
UK_0005g	Keen of Hamar Nutrient Addition	permanent	Grasslands
UK_0005h	McCullagh NVC Surveys	resampling	terrestrial habitats
UK_0005i	McVean and Ratcliffe	resampling	terrestrial habitats
UK_0005j	Natural England Long Term Monitoring Network	permanent	terrestrial habitats
UK_0005k	NatureScot Peatland ACTION	permanent	Wetlands (fens, mires)
UK_0005l	NPMS Inventory-Level Plots	resampling	terrestrial habitats
UK_0005m	Parsonage Down NNR	permanent, transect	Grasslands
UK_0005n	Saltmarshes 2018-2021	permanent	Grasslands (salt marshes)

Resurvey Code	Citation
UK_0005a	Walker KJ, Preston CD, Boon CR (2009) Fifty years of change in an area of intensive agriculture: plant trait responses to habitat modification and conservation, Bedfordshire, England. Biodiversity and Conservation 18: 3597–3613. https://doi.org/10.1007/s10531-009-9662-y
UK_0005b	Bunce RGH, Shaw MW, Wood CM (2015) Habitat, vegetation, tree and soil data from Native Pinewoods in Scotland, 1971. https://doi.org/10.5285/56A48373-771C-4D4A-8B5A-45EF496C6E55
UK_0005b	Kirby KJ, Smart SM, Black HIJ, Bunce RGH, Corney PM, Smithers RJ, Shaw MW (2013 Woodlands survey flora data 1971-2001. https://doi.org/10.5285/2D023CE9-6DBE-A0CD-34768E1455AE
UK_0005b	Smart SM, Wood CM, Seaton FM, McMullen A, Ward SE, Ward R, O'Reilly J, Ruffino L, Losse P, Stroh P, Pilkington S, Saunders L, Wallace HL, O'Rourke C, Long CE, Potter R, Maskell LC, Sier ARJ, Norton LR, Dodds G, Caine A, Benskin CMH, Dodd BA, Vallis-Wilks M (2024) Broadleaved woodland survey of Great Britain, 2020-2022. https://doi.org/10.5285/42C203C8-44DE-40E2-A694-B1E8CBD4C8E1
UK_0005b	Smart SM, Wood CM, Seaton FM, McMullen A, Ward SE, Ward R, Routledge G, Massey K, Everard A, Ross L, Benskin CMH, Dodd BA (2023) Habitat, vegetation, tree and soil data from Native Pinewoods in Scotland, 2018-2022. https://doi.org/10.5285/5E268E86-4A4F-4112-BF2D-C3B0179C915C
UK_0005c	Barr CJ, Bunce RGH, Gillespie MK, Hallam CJ, Howard DC, Maskell LC, Ness MJ, Norton LR, Scott RJ, Smart SM, Stuart RC, Wood CM (2014) Countryside Survey 1990 vegetation plot data. https://doi.org/10.5285/26E79792-5FFC-4116-9AC7-72193DD7F191
UK_0005c	Barr CJ, Bunce RGH, Gillespie MK, Howard DC, Maskell LC, Norton LR, Scott RJ, Shield ER, Smart SM, Stuart RC, Watkins JW, Wood CM (2014) Countryside Survey 1998 vegetation plot data. https://doi.org/10.5285/07896BB2-7078-468C-B56D-FB8B41D47065
UK_0005c	Barr CJ, Bunce RGH, Smart SM, Whittaker HA (2014) Countryside Survey 1978 vegetation plot data. https://doi.org/10.5285/67BBFABB-D981-4CED-B7E7-225205DE9C96
UK_0005c	Wood CM, Smart SM, Bunce RGH, Norton LR, Maskell LC, Howard DC, Scott WA, Henrys PA (2017) Long-term vegetation monitoring in Great Britain – the Countryside Survey 1978–2007 and beyond. Earth System Science Data 9: 445–459. https://doi.org/10.5194/essd-9-445-2017
UK_0005c	Smart SM, Andrews C, Fitos E, Garbutt RA, Gray A, Henrys PA, Koblizek E, Pallett DW, Robinson DA, Rose RJ, Rowe RL, Scarlett P, Towill J, Wagner M, Williams B, Wood CM (2020) Vegetation plot data from the UKCEH Countryside Survey, Great Britain, 2019. https://doi.org/10.5285/FD6AE272-AEB5-4573-8E8A-7CCFAE64F506
UK_0005c	Smart SM, Bunce RGH, Firbank LG, Coward P (2002) Do field boundaries act as refugia for grassland plant species diversity in intensively managed agricultural landscapes in Britain? Agriculture, Ecosystems & Environment 91: 73–87. https://doi.org/10.1016/S0167-8809(01)00259-6
UK_0005c	Smart SM, Andrews C, Brown K, Cope S, Fitos E, Friend R, Garbutt RA, Gray A, Hancock G, Higgins A, Moscrop A, O'Brien L, O'Ceallaigh C, O'Ceallaigh T, Pallett DW, Scarlett P, Towill J, Wagner M, Wood CM (2024) Vegetation plot data from the UKCEH Countryside Survey, Great Britain, 2022 and 2023. https://doi.org/10.5285/2859B031-EC69-48DF-891F-58FBF6F942CB

UK_0005c	Maskell LC, Andrews C, Deacon A, Campbell K, Doyle S, Fitos E, Garbutt RA, Gray A, Hancock G, Highfield C, Nemeth K, Pallett DW, Scarlett P, Smart SM, Vallis-Wilks M, Wagner M, Wood CM (2025) Vegetation plot data from the UKCEH Countryside Survey, Great Britain, 2024. https://doi.org/10.5285/24A2E5D9-D148-4B58-B0FA-A8E3D4B78511
UK_0005d	Rich TCG, Cooper EA, Rodwell JS, Malloch AJC, Van Den Berg LJL, Vergeer P, Smart SM, Guest D, Ashmore MR (2015) Survey of British calcareous grasslands, 1990 and 2007. https://doi.org/10.5285/38A73C7B-3E3C-4517-A33F-BD28B292B9E1
UK_0005d	Van Den Berg LJL, Vergeer P, Rich TCG, Smart SM, Guest D, Ashmore MR (2011) Direct and indirect effects of nitrogen deposition on species composition change in calcareous grasslands. Global Change Biology 17: 1871–1883. https://doi.org/10.1111/j.1365-2486.2010.02345.x
UK_0005e	Rennie S, Adamson J, Anderson R, Andrews C, Bater J, Bayfield N, Beaton K, Beaumont D, Benham S, Bowmaker V, Britt C, Brooker R, Brooks D, Brunt J, Common G, Cooper R, Corbett S, Critchley N, Dennis P, Dick J, Dodd B, Dodd N, Donovan N, Easter J, Eaton E, Flexen M, Gardiner A, Hamilton D, Hargreaves P, Hatton-Ellis M, Howe M, Kahl J, Lane M, Langan S, Lloyd D, McElarney Y, McKenna C, McMillan S, Milne F, Milne L, Morecroft M, Murphy M, Nelson A, Nicholson H, Pallett D, Parry D, Pearce I, Pozsgai G, Rose R, Schafer S, Scott T, Sherrin L, Shortall C, Smith R, Smith P, Tait R, Taylor C, Taylor M, Thurlow M, Turner A, Tyson K, Watson H, Whittaker M (2016) UK Environmental Change Network (ECN) baseline vegetation data: 1991-2000. https://doi.org/10.5285/A7B49AC1-24F5-406E-AC8F-3D05FB583E3B
UK_0005e	Rennie S, Adamson J, Anderson R, Andrews C, Bater J, Bayfield N, Beaton K, Beaumont D, Benham S, Bowmaker V, Britt C, Brooker R, Brooks D, Brunt J, Common G, Cooper R, Corbett S, Critchley N, Dennis P, Dick J, Dodd B, Dodd N, Donovan N, Easter J, Eaton E, Flexen M, Gardiner A, Hamilton D, Hargreaves P, Hatton-Ellis M, Howe M, Kahl J, Lane M, Langan S, Lloyd D, McElarney Y, McKenna C, McMillan S, Milne F, Milne L, Morecroft M, Murphy M, Nelson A, Nicholson H, Pallett D, Parry D, Pearce I, Pozsgai G, Rose R, Schafer S, Scott T, Sherrin L, Shortall C, Smith R, Smith P, Tait R, Taylor C, Taylor M, Thurlow M, Turner A, Tyson K, Watson H, Whittaker M (2016) UK Environmental Change Network (ECN) coarse grain vegetation data: 1993-2012. https://doi.org/10.5285/D349BABC-329A-4D6E-9ECA-92E630E1BE3F
UK_0005e	Rennie S, Andrews C, Atkinson S, Beaumont D, Benham S, Bowmaker V, Dick J, Dodd B, McKenna C, Pallett D, Rose R, Schäfer SM, Scott T, Taylor C, Watson H (2020) The UK Environmental Change Network datasets – integrated and co-located data for long-term environmental research (1993–2015). Earth System Science Data 12: 87–107. https://doi.org/10.5194/essd-12-87-2020
UK_0005f	Sargent C (1984) Britain's railway vegetation. Inst. of Terrestrial Ecology, Cambridge, 34 pp. Available from: https://nora.nerc.ac.uk/id/eprint/5041/1/Britains_railway_vegetation.pdf.
UK_0005g	Dalrymple S, Slingsby DR, Hopkins J, Carter SP (2025) Keen of Hamar Nutrient Addition Trials 1981-2013. https://doi.org/10.24377/LJMU.D.00000225
UK_0005g	Dalrymple SE, Hopkins J, Carter SP, Slingsby DR (2021) Nutrient additions three decades on: potential interactions of nutrients and climate in the recovery of a high latitude serpentine system. Plant Biosystems - An International Journal Dealing with all Aspects of Plant Biology 155: 64–72. https://doi.org/10.1080/11263504.2019.1701578
UK_0005h	NA

UK_0005i	McVean DN, Ratcliffe DA (1962) Plant Communities of the Scottish Highlands: A Study of Scottish mountain, Moorland and Forest Vegetation. Her Majesty's Stationery Office, 484 pp. Available from: http://archive.org/details/plantcommunities0000dona (September 10, 2024).
UK_0005i	Ross LC, Flagmeier M (2015) A resource for the study of Scottish upland vegetation: habitat and species data from "Plant Communities of the Scottish Highlands" and repeat surveys. Scottish Natural Heritage Available from: https://www.nature.scot/doc/naturescot-commissioned-report-880-resource-study-scottish-upland-vegetation-habitat-and-species.
UK_0005i	Ross LC, Woodin SJ, Hester AJ, Thompson DBA, Birks HJB (2012) Biotic homogenization of upland vegetation: patterns and drivers at multiple spatial scales over five decades. Journal of Vegetation Science 23: 755–770. https://doi.org/10.1111/j.1654-1103.2012.01390.x
UK_0005j	Nisbet A, Smith SJ, Holdsworth J (2017) Taking the long view: An introduction to Natural England's Long Term Monitoring Network 2009-2016. Natural England
UK_0005k	Ross S, Blackshaw A (2022) Monitoring the success of Peatland Action - establishing a baseline condition for vegetation. NatureScot. Research Report Available from: https://www.nature.scot/doc/naturescot-research-report-1278-monitoring-success-peatland-action-establishing-baseline-condition (March 7, 2025).
UK_0005k	Haycock G, Cashon C (2022) Monitoring the success of Peatland Action: Repeat vegetation surveys to assess change in habitat condition at peatlands restored in 2014 and 2015. NatureScot. Research Report Available from: https://www.nature.scot/doc/naturescot-research-report-1301-monitoring-success-peatland-action-repeat-vegetation-surveys-assess (March 7, 2025).
UK_0005l	Pescott OL, Walker KJ, Harris F, New H, Cheffings CM, Newton N, Jitlal M, Redhead J, Smart SM, Roy DB (2019) The design, launch and assessment of a new volunteer-based plant monitoring scheme for the United Kingdom. PLOS ONE 14: e0215891. https://doi.org/10.1371/journal.pone.0215891
UK_0005l	National Plant Monitoring Scheme (2024) National Plant Monitoring Scheme survey data (2015-2023). https://doi.org/10.5285/EB135726-9039-441C-8335-1AAB5F6DDA21
UK_0005m	Ridding LE, Bullock JM, Pescott OL, Hawes P, Walls R, Pereira MG, Thacker SA, Keenan PO, Dragosits U, Pywell RF (2020) Long-term change in calcareous grassland vegetation and drivers over three time periods between 1970 and 2016. Plant Ecology 221: 377–394. https://doi.org/10.1007/s11258-020-01016-1
UK_0005n	Ladd CJT, Miller LC, McMahon L, Havelock GM, Smeaton C, Garbutt A, Skov MW, Austin WEN (2022) Vegetation composition data from UK saltmarshes, 2018 to 2021. https://doi.org/10.5285/7815291A-EE3E-49A7-8EF1-E8BAA81F4964