

Katherine J Willis

List of Publications by Citations

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191
papers

12,547
citations

52
h-index

108
g-index

200
ext. papers

14,513
ext. citations

8.2
avg. IF

6.67
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 191 | Scale and species richness: towards a general, hierarchical theory of species diversity. <i>Journal of Biogeography</i> , 2001 , 28, 453-470 | 4.1 | 1013 |
| 190 | Conservation Biogeography: assessment and prospect. <i>Diversity and Distributions</i> , 2005 , 11, 3-23 | 5 | 694 |
| 189 | Pervasive human-driven decline of life on Earth points to the need for transformative change. <i>Science</i> , 2019 , 366, | 33.3 | 563 |
| 188 | Sensitivity of global terrestrial ecosystems to climate variability. <i>Nature</i> , 2016 , 531, 229-32 | 50.4 | 552 |
| 187 | What is natural? The need for a long-term perspective in biodiversity conservation. <i>Science</i> , 2006 , 314, 1261-5 | 33.3 | 447 |
| 186 | Trees or no trees? The environments of central and eastern Europe during the Last Glaciation. <i>Quaternary Science Reviews</i> , 2004 , 23, 2369-2387 | 3.9 | 442 |
| 185 | Agroforestry: a refuge for tropical biodiversity?. <i>Trends in Ecology and Evolution</i> , 2008 , 23, 261-7 | 10.9 | 435 |
| 184 | Ecology. Species diversity--scale matters. <i>Science</i> , 2002 , 295, 1245-8 | 33.3 | 379 |
| 183 | The Full-Glacial Forests of Central and Southeastern Europe. <i>Quaternary Research</i> , 2000 , 53, 203-213 | 1.9 | 379 |
| 182 | Species persistence in northerly glacial refugia of Europe: a matter of chance or biogeographical traits?. <i>Journal of Biogeography</i> , 2008 , 35, 464-482 | 4.1 | 251 |
| 181 | Alpines, trees, and refugia in Europe. <i>Plant Ecology and Diversity</i> , 2008 , 1, 147-160 | 2.2 | 251 |
| 180 | Biodiversity baselines, thresholds and resilience: testing predictions and assumptions using palaeoecological data. <i>Trends in Ecology and Evolution</i> , 2010 , 25, 583-91 | 10.9 | 242 |
| 179 | Ecology. How 'virgin' is virgin rainforest?. <i>Science</i> , 2004 , 304, 402-3 | 33.3 | 220 |
| 178 | Perspectives: paleoecology. The refugial debate. <i>Science</i> , 2000 , 287, 1406-7 | 33.3 | 204 |
| 177 | Ecology. Biodiversity and climate change. <i>Science</i> , 2009 , 326, 806-7 | 33.3 | 179 |
| 176 | How can a knowledge of the past help to conserve the future? Biodiversity conservation and the relevance of long-term ecological studies. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007 , 362, 175-86 | 5.8 | 178 |
| 175 | The vegetational history of the Balkans. <i>Quaternary Science Reviews</i> , 1994 , 13, 769-788 | 3.9 | 172 |

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|-----|---|------|-----|
| 174 | The distribution of late-Quaternary woody taxa in northern Eurasia: evidence from a new macrofossil database. <i>Quaternary Science Reviews</i> , 2009 , 28, 2445-2464 | 3.9 | 170 |
| 173 | Looking forward through the past: identification of 50 priority research questions in palaeoecology. <i>Journal of Ecology</i> , 2014 , 102, 256-267 | 6 | 168 |
| 172 | Climate variability and associated vegetation response throughout Central and Eastern Europe (CEE) between 60 and 8 ka. <i>Quaternary Science Reviews</i> , 2014 , 106, 206-224 | 3.9 | 164 |
| 171 | Emerging issues in biodiversity & conservation management: The need for a palaeoecological perspective. <i>Quaternary Science Reviews</i> , 2008 , 27, 1723-1732 | 3.9 | 153 |
| 170 | The role of Quaternary environmental change in plant macroevolution: the exception or the rule?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2004 , 359, 159-72; discussion 172 | 5.8 | 142 |
| 169 | Recovery and resilience of tropical forests after disturbance. <i>Nature Communications</i> , 2014 , 5, 3906 | 17.4 | 133 |
| 168 | Do dung fungal spores make a good proxy for past distribution of large herbivores?. <i>Quaternary Science Reviews</i> , 2013 , 62, 21-31 | 3.9 | 133 |
| 167 | DOES SOIL CHANGE CAUSE VEGETATION CHANGE OR VICE VERSA? A TEMPORAL PERSPECTIVE FROM HUNGARY. <i>Ecology</i> , 1997 , 78, 740-750 | 4.6 | 130 |
| 166 | Did dinosaurs invent flowers? Dinosaur-angiosperm coevolution revisited. <i>Biological Reviews</i> , 2001 , 76, 411-47 | 13.5 | 124 |
| 165 | Vegetation of Eurasia from the last glacial maximum to present: Key biogeographic patterns. <i>Quaternary Science Reviews</i> , 2017 , 157, 80-97 | 3.9 | 109 |
| 164 | The late Quaternary environmental history of BÉorliget, N.E. Hungary. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1995 , 118, 25-47 | 2.9 | 106 |
| 163 | The natural capital of city trees. <i>Science</i> , 2017 , 356, 374-376 | 33.3 | 99 |
| 162 | A battle lost? Report on two centuries of invasion and management of <i>Lantana camara</i> L. in Australia, India and South Africa. <i>PLoS ONE</i> , 2012 , 7, e32407 | 3.7 | 98 |
| 161 | Testing the sensitivity of charcoal as an indicator of fire events in savanna environments: quantitative predictions of fire proximity, area and intensity. <i>Holocene</i> , 2008 , 18, 279-291 | 2.6 | 95 |
| 160 | Tree migration-rates: narrowing the gap between inferred post-glacial rates and projected rates. <i>PLoS ONE</i> , 2013 , 8, e71797 | 3.7 | 88 |
| 159 | Biofuels in sub-Sahara Africa: Drivers, impacts and priority policy areas. <i>Renewable and Sustainable Energy Reviews</i> , 2015 , 45, 879-901 | 16.2 | 83 |
| 158 | The long-term ecology of the lost forests of La Laguna, Tenerife (Canary Islands). <i>Journal of Biogeography</i> , 2009 , 36, 499-514 | 4.1 | 82 |
| 157 | Culture or climate? The relative influences of past processes on the composition of the lowland Congo rainforest. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007 , 362, 229-42 | 5.8 | 81 |

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|-----|--|------|----|
| 156 | The influence of refugial population on Lateglacial and early Holocene vegetational changes in Romania. <i>Review of Palaeobotany and Palynology</i> , 2007 , 145, 305-320 | 1.7 | 79 |
| 155 | Where did all the flowers go? The fate of temperate European flora during glacial periods. <i>Endeavour</i> , 1996 , 20, 110-114 | 0.5 | 73 |
| 154 | Biological corridors and connectivity 2013 , 384-404 | | 70 |
| 153 | As Earth's testimonies tell wilderness conservation in a changing world. <i>Ecology Letters</i> , 2004 , 7, 990-998 | 0 | 68 |
| 152 | Vulnerability and resilience of tropical forest species to land-use change. <i>Conservation Biology</i> , 2009 , 23, 1438-47 | 6 | 65 |
| 151 | Fossil pollen as a guide to conservation in the Galapagos. <i>Science</i> , 2008 , 322, 1206 | 33.3 | 65 |
| 150 | Impacts of climate change on species, populations and communities: palaeobiogeographical insights and frontiers. <i>Progress in Physical Geography</i> , 2008 , 32, 139-172 | 3.5 | 64 |
| 149 | Trends in biomass burning in the Carpathian region over the last 15,000 years. <i>Quaternary Science Reviews</i> , 2012 , 45, 111-125 | 3.9 | 63 |
| 148 | The Neolithic transition - fact or fiction? Palaeoecological evidence from the Balkans. <i>Holocene</i> , 1994 , 4, 326-330 | 2.6 | 61 |
| 147 | Holocene forest history of the eastern plateaux in the Segura Mountains (Murcia, southeastern Spain). <i>Review of Palaeobotany and Palynology</i> , 2004 , 132, 219-236 | 1.7 | 60 |
| 146 | The usefulness of a long-term perspective in assessing current forest conservation management in the Apuseni Natural Park, Romania. <i>Forest Ecology and Management</i> , 2008 , 256, 421-430 | 3.9 | 59 |
| 145 | What makes a terrestrial ecosystem resilient?. <i>Science</i> , 2018 , 359, 988-989 | 33.3 | 57 |
| 144 | 124,000-year periodicity in terrestrial vegetation change during the late Pliocene epoch. <i>Nature</i> , 1999 , 397, 685-688 | 50.4 | 57 |
| 143 | Evidence for drought and forest declines during the recent megafaunal extinctions in Madagascar. <i>Journal of Biogeography</i> , 2010 , 37, 506-519 | 4.1 | 53 |
| 142 | Enset in Ethiopia: a poorly characterized but resilient starch staple. <i>Annals of Botany</i> , 2019 , 123, 747-766 | 4.1 | 52 |
| 141 | The human dimension in addressing conflict with large carnivores 2013 , 110-126 | | 52 |
| 140 | Fire and climate change impacts on lowland forest composition in northern Congo during the last 2580 years from palaeoecological analyses of a seasonally flooded swamp. <i>Holocene</i> , 2009 , 19, 79-89 | 2.6 | 52 |
| 139 | Legacy of the past land-use changes and management on the natural upland forest composition in the Apuseni Natural Park, Romania. <i>Holocene</i> , 2009 , 19, 967-981 | 2.6 | 51 |

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|-----|--|------|----|
| 138 | Providing baselines for biodiversity measurement. <i>Trends in Ecology and Evolution</i> , 2005 , 20, 107-8 | 10.9 | 51 |
| 137 | Prehistoric land degradation in Hungary: who, how and why?. <i>Antiquity</i> , 1998 , 72, 101-113 | 1 | 51 |
| 136 | Quantification of population sizes of large herbivores and their long-term functional role in ecosystems using dung fungal spores. <i>Methods in Ecology and Evolution</i> , 2016 , 7, 1273-1281 | 7.7 | 51 |
| 135 | Determining the response of African biota to climate change: using the past to model the future. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013 , 368, 20120491 | 5.8 | 46 |
| 134 | Threshold response of Madagascar's littoral forest to sea-level rise. <i>Global Ecology and Biogeography</i> , 2009 , 18, 98-110 | 6.1 | 46 |
| 133 | 4 °C and beyond: what did this mean for biodiversity in the past?. <i>Systematics and Biodiversity</i> , 2010 , 8, 3-9 | 1.7 | 45 |
| 132 | Long-term variability of <i>Abies alba</i> in NW Romania: implications for its conservation management. <i>Diversity and Distributions</i> , 2008 , 14, 1004-1017 | 5 | 45 |
| 131 | Island biodiversity conservation needs palaeoecology. <i>Nature Ecology and Evolution</i> , 2017 , 1, 181 | 12.3 | 44 |
| 130 | The ancient forests of La Gomera, Canary Islands, and their sensitivity to environmental change. <i>Journal of Ecology</i> , 2013 , 101, 368-377 | 6 | 44 |
| 129 | Long-term disturbance dynamics and resilience of tropical peat swamp forests. <i>Journal of Ecology</i> , 2015 , 103, 16-30 | 6 | 44 |
| 128 | A quantitative framework for analysis of regime shifts in a Galápagos coastal lagoon. <i>Ecology</i> , 2014 , 95, 3046-3055 | 4.6 | 43 |
| 127 | The impact of ancient civilization on the northeastern Chinese landscape: palaeoecological evidence from the Western Liaohe River Basin, Inner Mongolia. <i>Holocene</i> , 2006 , 16, 1109-1121 | 2.6 | 43 |
| 126 | A Geographical Information System (GIS) study of Triassic vertebrate biochronology. <i>Geological Magazine</i> , 2005 , 142, 327-354 | 2 | 43 |
| 125 | Effects of soil management practices on soil fauna feeding activity in an Indonesian oil palm plantation. <i>Agriculture, Ecosystems and Environment</i> , 2016 , 218, 133-140 | 5.7 | 42 |
| 124 | The ecological consequences of megafaunal loss: giant tortoises and wetland biodiversity. <i>Ecology Letters</i> , 2014 , 17, 144-54 | 10 | 42 |
| 123 | Questions of importance to the conservation of biological diversity: answers from the past. <i>Climate of the Past</i> , 2010 , 6, 759-769 | 3.9 | 42 |
| 122 | Potential adaptive strategies for 29 sub-Saharan crops under future climate change. <i>Nature Climate Change</i> , 2019 , 9, 758-763 | 21.4 | 40 |
| 121 | The role of palaeoecological records in assessing ecosystem services. <i>Quaternary Science Reviews</i> , 2015 , 112, 17-32 | 3.9 | 39 |

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|-----|---|------|----|
| 120 | 4200 years of pine-dominated upland forest dynamics in west-central Mexico: human or natural legacy?. <i>Ecology</i> , 2008 , 89, 1893-907 | 4.6 | 39 |
| 119 | Testing the impact of climate variability on European plant diversity: 320,000 years of water-energy dynamics and its long-term influence on plant taxonomic richness. <i>Ecology Letters</i> , 2007 , 10, 673-9 | 10 | 39 |
| 118 | The role of sub-milankovitch climatic forcing in the initiation of the northern hemisphere glaciation. <i>Science</i> , 1999 , 285, 568-71 | 33.3 | 38 |
| 117 | The late Quaternary vegetational history of northwest Greece. <i>New Phytologist</i> , 1992 , 121, 139-155 | 9.8 | 38 |
| 116 | Seed banking not an option for many threatened plants. <i>Nature Plants</i> , 2018 , 4, 848-850 | 11.5 | 38 |
| 115 | Quantification of UV-B flux through time using UV-B-absorbing compounds contained in fossil <i>Pinus</i> sporopollenin. <i>New Phytologist</i> , 2011 , 192, 553-60 | 9.8 | 36 |
| 114 | Variability in thermal and UV-B energy fluxes through time and their influence on plant diversity and speciation. <i>Journal of Biogeography</i> , 2009 , 36, 1630-1644 | 4.1 | 36 |
| 113 | Agroforestry as a solution to the oil-palm debate. <i>Conservation Biology</i> , 2008 , 22, 1368-9 | 6 | 36 |
| 112 | The potential of CAM crops as a globally significant bioenergy resource: moving from fuel or food to fuel and more food. <i>Energy and Environmental Science</i> , 2015 , 8, 2320-2329 | 35.4 | 35 |
| 111 | Determining the ecological value of landscapes beyond protected areas. <i>Biological Conservation</i> , 2012 , 147, 3-12 | 6.2 | 34 |
| 110 | The late Quaternary vegetational history of northwest Greece. <i>New Phytologist</i> , 1992 , 121, 119-138 | 9.8 | 34 |
| 109 | Defining and delivering resilient ecological networks: Nature conservation in England. <i>Journal of Applied Ecology</i> , 2018 , 55, 2537-2543 | 5.8 | 34 |
| 108 | Cultural drivers of reforestation in tropical forest groves of the Western Ghats of India. <i>Forest Ecology and Management</i> , 2014 , 329, 393-400 | 3.9 | 33 |
| 107 | Rewilding 2013 , 430-451 | | 33 |
| 106 | Jatropha cultivation in Malawi and Mozambique: impact on ecosystem services, local human well-being, and poverty alleviation. <i>Ecology and Society</i> , 2016 , 21, | 4.1 | 33 |
| 105 | Climate and abrupt vegetation change in Northern Europe since the last deglaciation. <i>Holocene</i> , 2015 , 25, 25-36 | 2.6 | 32 |
| 104 | Effective conservation depends upon understanding human behaviour 2013 , 344-361 | | 32 |
| 103 | The late Quaternary vegetational history of northwest Greece. <i>New Phytologist</i> , 1992 , 121, 101-117 | 9.8 | 31 |

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|-----|--|------|----|
| 102 | Flower preferences and pollen transport networks for cavity-nesting solitary bees: Implications for the design of agri-environment schemes. <i>Ecology and Evolution</i> , 2018 , 8, 7574-7587 | 2.8 | 30 |
| 101 | Bird conservation in tropical ecosystems 2013 , 258-276 | | 30 |
| 100 | Post-glacial patterns in vegetation dynamics in Romania: homogenization or differentiation?. <i>Journal of Biogeography</i> , 2010 , 37, 2197-2208 | 4.1 | 30 |
| 99 | When is an invasive not an invasive? Macrofossil evidence of doubtful native plant species in the Galápagos Islands. <i>Ecology</i> , 2011 , 92, 805-12 | 4.6 | 29 |
| 98 | Effect of global atmospheric carbon dioxide on glacial-interglacial vegetation change. <i>Global Ecology and Biogeography</i> , 2000 , 9, 355-361 | 6.1 | 29 |
| 97 | Impacts of land use change due to biofuel crops on climate regulation services: Five case studies in Malawi, Mozambique and Swaziland. <i>Biomass and Bioenergy</i> , 2018 , 114, 30-40 | 5.3 | 28 |
| 96 | Climate change impacts on ecosystem functioning: evidence from an Empetrum heathland. <i>New Phytologist</i> , 2012 , 193, 150-164 | 9.8 | 28 |
| 95 | Abrupt environmental changes drive shifts in tree-grass interaction outcomes. <i>Journal of Ecology</i> , 2011 , 99, 1063-1070 | 6 | 28 |
| 94 | Pollen productivity estimates from old-growth forest strongly differ from those obtained in cultural landscapes: Evidence from the Białowieża National Park, Poland. <i>Holocene</i> , 2016 , 26, 80-92 | 2.6 | 27 |
| 93 | Mechanisms and indicators for assessing the impact of biofuel feedstock production on ecosystem services. <i>Biomass and Bioenergy</i> , 2018 , 114, 157-173 | 5.3 | 27 |
| 92 | Resilience of an ancient tropical forest landscape to 7500 years of environmental change. <i>Biological Conservation</i> , 2012 , 153, 108-117 | 6.2 | 27 |
| 91 | Biodiversity hotspots through time: an introduction. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007 , 362, 169-74 | 5.8 | 26 |
| 90 | Bioacoustic detection with wavelet-conditioned convolutional neural networks. <i>Neural Computing and Applications</i> , 2020 , 32, 915-927 | 4.8 | 26 |
| 89 | Multi-dimensional poverty effects around operational biofuel projects in Malawi, Mozambique and Swaziland. <i>Biomass and Bioenergy</i> , 2018 , 114, 41-54 | 5.3 | 24 |
| 88 | How fire and climate shaped grass-dominated vegetation and forest mosaics in northern South Africa during past millennia. <i>Holocene</i> , 2012 , 22, 1427-1439 | 2.6 | 23 |
| 87 | Ecosystem resilience and threshold response in the Galápagos coastal zone. <i>PLoS ONE</i> , 2011 , 6, e22376 | 3.7 | 23 |
| 86 | Cloud forest dynamics in the Mexican neotropics during the last 1300 years. <i>Global Change Biology</i> , 2009 , 16, 1689-1704 | 11.4 | 23 |
| 85 | The phytogeographical regions of Slovenia: a consequence of natural environmental variation or prehistoric human activity?. <i>Journal of Ecology</i> , 2003 , 91, 807-821 | 6 | 23 |

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|----|--|------|----|
| 84 | The human dimension of biodiversity changes on islands. <i>Science</i> , 2021 , 372, 488-491 | 33.3 | 23 |
| 83 | Application of oil palm empty fruit bunch effects on soil biota and functions: A case study in Sumatra, Indonesia. <i>Agriculture, Ecosystems and Environment</i> , 2018 , 256, 105-113 | 5.7 | 22 |
| 82 | Reconstructing Holocene vegetation on the island of Gran Canaria before and after human colonization. <i>Holocene</i> , 2016 , 26, 113-125 | 2.6 | 22 |
| 81 | Holocene palaeo-invasions: the link between pattern, process and scale in invasion ecology?. <i>Landscape Ecology</i> , 2008 , 23, 757-769 | 4.3 | 22 |
| 80 | Citizen science and nature conservation 2013 , 127-142 | | 21 |
| 79 | Prehistoric farming and the postglacial expansion of beech and hombeam: a comment on K&Eter. <i>Holocene</i> , 1999 , 9, 119-121 | 2.6 | 21 |
| 78 | A global perspective on conserving butterflies and moths and their habitats 2013 , 237-257 | | 20 |
| 77 | Stability in ecosystem functioning across a climatic threshold and contrasting forest regimes. <i>PLoS ONE</i> , 2011 , 6, e16134 | 3.7 | 20 |
| 76 | The devil is in the detail: unstable response functions in species distribution models challenge bulk ensemble modelling. <i>Global Ecology and Biogeography</i> , 2016 , 25, 26-35 | 6.1 | 20 |
| 75 | The relative importance of biotic and abiotic processes for structuring plant communities through time. <i>Journal of Ecology</i> , 2015 , 103, 459-472 | 6 | 19 |
| 74 | A call for an international network of genomic observatories (GOs). <i>GigaScience</i> , 2012 , 1, 5 | 7.6 | 19 |
| 73 | How old is ancient woodland?. <i>Trends in Ecology and Evolution</i> , 1993 , 8, 427-8 | 10.9 | 19 |
| 72 | Pollination service delivery for European crops: Challenges and opportunities. <i>Ecological Economics</i> , 2016 , 128, 1-7 | 5.6 | 19 |
| 71 | Modern pollen rain in Canary Island ecosystems and its implications for the interpretation of fossil records. <i>Review of Palaeobotany and Palynology</i> , 2015 , 214, 27-39 | 1.7 | 18 |
| 70 | Conservation priorities 2013 , 1-22 | | 17 |
| 69 | Tackling unsustainable wildlife trade 2013 , 74-91 | | 17 |
| 68 | Detecting the provenance of Galápagos non-native pollen: The role of humans and air currents as transport mechanisms. <i>Holocene</i> , 2012 , 22, 1373-1383 | 2.6 | 16 |
| 67 | Late-Holocene successional dynamics in a transitional forest of west-central Mexico. <i>Holocene</i> , 2012 , 22, 143-153 | 2.6 | 16 |

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|----|--|------|----|
| 66 | Reply to Carcaillet and Vernet. <i>Quaternary Research</i> , 2001 , 55, 388-389 | 1.9 | 16 |
| 65 | Historic fuel wood use in the Galápagos Islands: identification of charred remains. <i>Vegetation History and Archaeobotany</i> , 2010 , 19, 207-217 | 2.6 | 15 |
| 64 | The Why, What and How of monitoring for conservation 2013 , 327-343 | | 14 |
| 63 | Plant controls on Late Quaternary whole ecosystem structure and function. <i>Ecology Letters</i> , 2018 , 21, 814-825 | 10 | 12 |
| 62 | Spatiotemporal patterns of warming. <i>Nature Climate Change</i> , 2014 , 4, 845-846 | 21.4 | 12 |
| 61 | Biodiversity: Oil-palm replanting raises ecology issues. <i>Nature</i> , 2013 , 502, 170-1 | 50.4 | 12 |
| 60 | Economic instruments for nature conservation 2013 , 59-73 | | 12 |
| 59 | Landscape sensitivity and ecological change in western Zambia: The long-term perspective from dambo cut-and-fill sediments. <i>Journal of Quaternary Science</i> , 2015 , 30, 44-58 | 2.3 | 12 |
| 58 | Conserving large mammals 2013 , 277-312 | | 12 |
| 57 | Survey of local impacts of biofuel crop production and adoption of ethanol stoves in southern Africa. <i>Scientific Data</i> , 2018 , 5, 180186 | 8.2 | 12 |
| 56 | Landscape planning for the future: using fossil records to independently validate bioclimatic envelope models for economically valuable tree species in Europe. <i>Global Ecology and Biogeography</i> , 2013 , 22, 318-333 | 6.1 | 11 |
| 55 | Neotropical refugia. <i>Holocene</i> , 2012 , 22, 1207-1214 | 2.6 | 11 |
| 54 | Fire in the Swamp Forest: Palaeoecological Insights Into Natural and Human-Induced Burning in Intact Tropical Peatlands. <i>Frontiers in Forests and Global Change</i> , 2019 , 2, | 3.7 | 10 |
| 53 | 'Tales of Symphonia': extinction dynamics in response to past climate change in Madagascan rainforests. <i>Biology Letters</i> , 2009 , 5, 821-5 | 3.6 | 10 |
| 52 | Ecosystem resilience to late-Holocene climate change in the Upper Zambezi Valley. <i>Holocene</i> , 2015 , 25, 1811-1828 | 2.6 | 9 |
| 51 | Indigenous uses of wild and tended plant biodiversity maintain ecosystem services in agricultural landscapes of the Terai Plains of Nepal. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2020 , 16, 33 | 3.9 | 9 |
| 50 | What evidence exists for the effectiveness of on-farm conservation land management strategies for preserving ecosystem services in developing countries? A systematic map. <i>Environmental Evidence</i> , 2016 , 5, | 3.3 | 9 |
| 49 | Righting past wrongs and ensuring the future 2013 , 405-429 | | 9 |

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|----|---|------|---|
| 48 | Lake or bog? Reconstructing baseline ecological conditions for the protected Galápagos Sphagnum peatbogs. <i>Quaternary Science Reviews</i> , 2012 , 52, 60-74 | 3.9 | 9 |
| 47 | Mass extinction, punctuated equilibrium and the fossil plant record. <i>Trends in Ecology and Evolution</i> , 1995 , 10, 308-9 | 10.9 | 9 |
| 46 | Altitudinal variation in the late quaternary vegetational history of Northwest Greece. <i>Historical Biology</i> , 1994 , 9, 103-116 | 1.1 | 9 |
| 45 | Improved quantification of UV-B absorbing compounds in <i>Pinus sylvestris</i> L. pollen grains using an internal standard methodology. <i>Review of Palaeobotany and Palynology</i> , 2017 , 247, 97-104 | 1.7 | 9 |
| 44 | Identifying drivers of forest resilience in long-term records from the Neotropics. <i>Biology Letters</i> , 2020 , 16, 20200005 | 3.6 | 8 |
| 43 | Designing effective solutions to conservation planning problems 2013 , 362-383 | | 8 |
| 42 | Influence of 1100 years of burning on the central African rainforest. <i>Ecography</i> , 2014 , no-no | 6.5 | 8 |
| 41 | Phytolith analysis reveals the intensity of past land use change in the Western Ghats biodiversity hotspot. <i>Quaternary International</i> , 2017 , 437, 82-89 | 2 | 7 |
| 40 | Tropical monodominant forest resilience to climate change in Central Africa: A <i>Gilbertiodendron dewevrei</i> forest pollen record over the past 2,700 years. <i>Journal of Vegetation Science</i> , 2019 , 30, 575-586 ^{3.1} | | 7 |
| 39 | Diatoms from isolated islands II: <i>Pseudostaurosira diablarum</i> , a new species from a mangrove ecosystem in the Galápagos Islands. <i>Diatom Research</i> , 2014 , 29, 201-211 | 0.9 | 7 |
| 38 | Modern and fossil pollen assemblages reveal forest taxonomic changes in the Mexican subtropics during the last 1300 years. <i>Review of Palaeobotany and Palynology</i> , 2016 , 231, 1-13 | 1.7 | 7 |
| 37 | Asiatic cotton can generate similar economic benefits to Bt cotton under rainfed conditions. <i>Nature Plants</i> , 2015 , 1, 15072 | 11.5 | 6 |
| 36 | How effective are on-farm conservation land management strategies for preserving ecosystem services in developing countries? A systematic map protocol. <i>Environmental Evidence</i> , 2015 , 4, | 3.3 | 6 |
| 35 | Implications of Temperate Agroforestry on Sheep and Cattle Productivity, Environmental Impacts and Enterprise Economics. A Systematic Evidence Map. <i>Forests</i> , 2020 , 11, 1321 | 2.8 | 6 |
| 34 | LEFTA web-based tool for the remote measurement and estimation of ecological value across global landscapes. <i>Methods in Ecology and Evolution</i> , 2018 , 9, 571-579 | 7.7 | 5 |
| 33 | Nature as a source of health and well-being 2013 , 143-160 | | 5 |
| 32 | Investments' role in ecosystem degradation-Response. <i>Science</i> , 2020 , 368, 377 | 33.3 | 4 |
| 31 | Exploring the Ecological History of a Tropical Agroforestry Landscape Using Fossil Pollen and Charcoal Analysis from Four Sites in Western Ghats, India. <i>Ecosystems</i> , 2018 , 21, 45-55 | 3.9 | 4 |

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|----|--|------|---|
| 30 | The Legacy of Pre-Columbian Fire on the PineOak Forests of Upland Guatemala. <i>Frontiers in Forests and Global Change</i> , 2019 , 2, | 3.7 | 4 |
| 29 | Vegetation response to climate change during the Last InterglacialLast Glacial transition in the southern Bekaa Valley, Lebanon. <i>Palynology</i> , 2014 , 38, 195-206 | 1.5 | 4 |
| 28 | Five paradigms of collective action underlying the human dimension of conservation 2013 , 42-58 | | 4 |
| 27 | Anthropogenic transitions from forested to human-dominated landscapes in southern Macaronesia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118, | 11.5 | 4 |
| 26 | Can Regenerative Agriculture increase national soil carbon stocks? Simulated country-scale adoption of reduced tillage, cover cropping, and ley-arable integration using RothC.. <i>Science of the Total Environment</i> , 2022 , 825, 153955 | 10.2 | 4 |
| 25 | Using an ecosystem services perspective to assess biofuel sustainability. <i>Biomass and Bioenergy</i> , 2018 , 114, 1-7 | 5.3 | 3 |
| 24 | The Apparent Resilience of the Dry Tropical Forests of the Nicaraguan Region of the Central American Dry Corridor to Variations in Climate Over the Last C. 1200 Years. <i>Quaternary</i> , 2019 , 2, 25 | 2.2 | 3 |
| 23 | Levels of approach 2013 , 23-41 | | 3 |
| 22 | Remote assessment of locally important ecological features across landscapes: how representative of reality? 2015 , 25, 1290-302 | | 3 |
| 21 | Conservation in Oil-Palm Landscapes. <i>Conservation Biology</i> , 2009 , 23, 245-246 | 6 | 3 |
| 20 | Leadership and listening 2013 , 92-109 | | 2 |
| 19 | Reply from k.j. Willis. <i>Trends in Ecology and Evolution</i> , 1994 , 9, 345 | 10.9 | 2 |
| 18 | Prioritising crop wild relatives to enhance agricultural resilience in sub-Saharan Africa under climate change. <i>Plants People Planet</i> , | 4.1 | 2 |
| 17 | Identifying and Mapping Biodiversity: Where Can We Damage? 2014 , 57-78 | | 2 |
| 16 | What are the impacts of the wood pellet industry on biodiversity in Southeastern USA? A systematic evidence synthesis. <i>Forest Ecology and Management</i> , 2021 , 483, 118773 | 3.9 | 2 |
| 15 | HumBug □An Acoustic Mosquito Monitoring Tool for use on budget smartphones. <i>Methods in Ecology and Evolution</i> , 2021 , 12, 1848 | 7.7 | 2 |
| 14 | Landscape Erosion, Karstic Activity and the Development of a Wetland in the Southern Bekaa Valley, Lebanon During the Last Glacial Period. <i>Wetlands</i> , 2016 , 36, 593-605 | 1.7 | 1 |
| 13 | Disease control 2013 , 452-466 | | 1 |

| | | | |
|----|---|-----|---|
| 12 | Conservation of tropical forests 2013 , 222-235 | | 1 |
| 11 | Mediterranean Europe: a consequence of nature or nurture?. <i>Journal of Biogeography</i> , 2001 , 28, 1167-1167 | | 1 |
| 10 | The future of Southeast Asia's tropical peatlands: Local and global perspectives. <i>Anthropocene</i> , 2021 , 34, 100292 | 3.9 | 1 |
| 9 | A palynological perspective on the impacts of European contact: Historic deforestation, ranching and agriculture surrounding the Cuchumatanes Highlands, Guatemala. <i>Vegetation History and Archaeobotany</i> , 2021 , 30, 395-408 | 2.6 | 1 |
| 8 | Forests, Water, and Land Use Change across the Central American Isthmus: Mapping the Evidence Base for Terrestrial Holocene Palaeoenvironmental Proxies. <i>Forests</i> , 2021 , 12, 1057 | 2.8 | 1 |
| 7 | John Birks: Pioneer in quantitative palaeoecology. <i>Holocene</i> , 2015 , 25, 3-16 | 2.6 | |
| 6 | Elephants in the room 2013 , 467-494 | | |
| 5 | Plant conservation 2013 , 313-326 | | |
| 4 | Ocean conservation 2013 , 161-183 | | |
| 3 | Lost in muddy waters 2013 , 184-203 | | |
| 2 | Habitat case studies 2013 , 204-221 | | |
| 1 | Automatic Acoustic Mosquito Tagging with Bayesian Neural Networks. <i>Lecture Notes in Computer Science</i> , 2021 , 351-366 | 0.9 | |