

Curriculum Vitae

JULIAN LUKE BAYLISS

(PhD, MSc, BSc) FLS, FRES, FRGS

Conservation Biologist, Ecologist, Zoologist, Lepidopterist, & Explorer

<http://www.julianbayliss.co.uk>

<https://ethiopias-elephants.com/>

<https://www.bbcearth.com/blog/?article=have-we-mapped-the-whole-planet>

<http://www.youtube.com/watch?v=mni8mSS4KDU>

PERSONAL DETAILS

Tel: UK mobile: +44 (0)7500723185

E-mail: jbayliss@yahoo.co.uk; julian.bayliss@undp.org

Date of birth: 17/10/69

Sex: Male

Nationality: British / Irish

EDUCATION

1999 - 2002 PhD The use of GIS, Geostatistics, and multilevel modelling for biodiversity action planning. Oxford Brookes University.

1997 - 1998 MSc Conservation Biology (Distinction) Manchester Metropolitan University.

1990 - 1993 BSc Zoology (Hons) RHBNC College, University of London.

EMPLOYMENT

Date	Employer	Job title and Main responsibilities:
2019 - present	United Nations Development Programme / Government of Ethiopia	Chief Technical Advisor (CTA) for Enhanced Management and Enforcement of Ethiopia's Protected Area Estate Project - a UNDP GEF6 project implemented through the Ethiopian Wildlife Conservation Authority (EWCA) to establish an Environmental Crime Unit and help improve management in 5 protected areas in Ethiopia. See: https://ethiopias-elephants.com/
2018	World Bank Group / Government of Malawi	Drafting the Country Environment Assessment (CEA) for the Government of Malawi – Biodiversity, Forestry, and Fisheries chapters. See https://openknowledge.worldbank.org/handle/10986/31326
2013 - 2018	Government of Malawi / Global Environment Facility / World Bank Group	Biodiversity and Protected Areas Specialist Technical Advisor on the Shire River Basin Management Program. Protected area management of 6 Forest Reserves, 2 National Parks, and 1 wetland – implementing the GEF-5 portfolio and improving the management of these protected areas: http://www.worldbank.org/projects/P117617/malawi-shire-river-basin-management-project?lang=en&tab=overview
2012 - 2015	Fauna & Flora International	Mabu Forest Conservation Programme. Programme manager – establishing a Community Based Organisation and Protected Area for nature-based tourism at Mabu forest in northern Mozambique. See: https://www.youtube.com/watch?v=ZTMyDtHZXlc
2010 - 2013	Fauna & Flora International. Liberia/Cote d'Ivoire/Guinea.	Regional Project Coordinator, West Africa – Mt. Nimba Transboundary Environmental Governance Platform Working towards the establishment of an environmental governance platform and biodiversity database for the Nimba Mountains in light of large multi-national iron ore mining of the area. The Nimba Mountains cross the border of Liberia, Cote D'Ivoire, and Guinea in west Africa. See:

		http://www.nimbadarwin.org/
2010 - 2013	Conservation Science Research Group: The University of Cambridge. Cambridge / Tanzania.	Programme Coordinator & Analyst with the Conservation Science Research Group (Department of Zoology) on the Valuing the Arc programme (VtA). The VtA programme has been valuing the ecosystem services of the Eastern Arc Mountains that stretch down the eastern side of Tanzania under 3 different management scenarios over a 25 yr period. The aim is to prove that the natural resources of the EAMs are worth more if they are conserved than if they are exploited. The VtA is the world's leading Ecosystem Service assessment programme funded by the Leverhulme Trust. See: http://eprints.whiterose.ac.uk/79804/1/Arc_Journal_Issue_29_FINAL.pdf
2006 - 2009	Royal Botanic Gardens Kew (RBGKew) & the Mulanje Mountain Conservation Trust (MMCT) - Darwin Initiative . Mozambique / Malawi.	Project Coordinator, Monitoring and Managing Biodiversity Loss in South-East Africa's Montane Ecosystems. Main responsibilities include: Planning and delivering a major international conservation project; managing project staff and volunteers; significantly increasing the reputation of MMCT, IIAM, RBGKew, and the Darwin Initiative; influence and public advocacy work in East Africa; advising on new projects and other developments; managing the project budget; fundraising; strengthening and developing partnerships in the region; promoting the project (including producing high quality scientific reports and media work).
2004 – 2006	Wildlife Conservation Society (WCS) - Mulanje Mountain Conservation Trust (MMCT). Malawi.	Director of Ecological Monitoring Programme – Working as a consultant for the Wildlife Conservation Society (WCS) and c/o Mulanje Mountain Conservation Trust (MMCT) – World Bank Global Environment Facility (GEF) Trust Fund. Responsible for undertaking baseline biodiversity surveys and establishing an Ecological Monitoring Programme (EMP) on Mount Mulanje, Malawi. Reporting to the WCS Africa Director I worked closely with a Malawian counterpart from MMCT to successfully establish the EMP.
2002 – 2003	Oxford Brookes University. Oxford, UK.	Post doc Researcher. Spatial Ecology & Landuse Unit (SELU) – Examined the potential of metapopulation modelling and spatial statistics in natural resource management in the UK following on from the results of my PhD.
1998	Funded by FFI. Madagascar.	Project Coordinator. Management and planning of microchiropteran status and distribution surveys in previously un-surveyed Madagascan rainforest. Supported by Fauna and Flora International (FFI).
1993 – 1996	The Society for Environmental Exploration Tanzania	Project Coordinator. Frontier Tanzania East Usambara Forest Research Programme - Conducting baseline biodiversity assessments of wet forests in Tanzania.
1993	The Society for Environmental Exploration Uganda	Science Coordinator Frontier Uganda Game Park Research Programme. Initiation and supervision of science programmes in Uganda.
1988 – 1989	Project Trust South Africa	Biology and maths teacher. Project Trust. St. Ansgar's school, Roodeport/Soweto, S. Africa.

SKILLS

Conservation

- I focus on protected area management of rain forests, mountains, game parks, and wetland ecosystems.
- In particular I aim to improve management of sites and establish new protected areas where necessary.

- I am proficient in many biological skills and possess a good general knowledge of current wildlife and conservation issues.
- My knowledge and skills are supported by a significant amount of conservation fieldwork, especially in Africa.
- I developed and delivered Ecological Monitoring Programmes.
- I have designed and carried out many baseline biodiversity field surveys and biological inventories of protected areas.
- I am proficient in the use of appropriate data analysis and ecological modelling skills.
- I am also involved with Wildlife Crime and was a State Witness in a high profile illegal logging court case in Malawi. See <https://www.lilongwewildlife.org/2017/09/18/lengwe-loggers-appeal-sentences-doubled/>
- I have discovered over 20 species new to science, including 3 new species of snake (e.g. *Atheris mabuensis*), 4 new species of chameleons (e.g. *Nadzikambia baylissi*), 2 new species of bats (e.g. *Rhinolophous mabuensis*), 1 new species of frog, 3 new species of freshwater crab, 8 new species of butterflies and 1 new species of Iris flower.
- I am a Lepidopterist. This has been one of my earliest interests from a young age. For example I have discovered 8 new species of butterfly – see: <http://www.barcodinglife.org/views/taxbrowser.php?taxid=187503>
- I discovered to the international science community the largest continuous tract of mid-altitude rain forest in southern Africa (at Mount Mabu, Mozambique) - See: <http://www.youtube.com/watch?v=mni8mSS4KDU>

Research

- I have extensive research experience covering many aspects of Conservation Biology and Ecology. Over the last 25 years I have undertaken scientific research focusing on single species studies, interactions between species, ecosystem modelling, and the use of advanced technology towards conservation management. Such studies have ranged from pure ecological research to conservation management strategies. I have published over 30 scientific papers - See 'Scientific Papers' section for further details.

Project Management

- I have strong project management, data collection, and integration skills.
- I have over 25 years of conservation project management experience. For example I have developed and successfully delivered conservation projects in Liberia, Cote d'Ivoire, Guinea, Tanzania, Uganda, Madagascar, Malawi, and Mozambique.
- I am experienced in budget management and the necessity to operate within financial constraints. All projects that I have managed have operated within the specified budget.

People Management

- I have gained a significant amount of people management experience from managing staff and participants through the World Bank, Global Environment Facility, USAID, Darwin Initiative awards, Royal Botanic Gardens Kew, Fauna and Flora International, Wildlife Conservation Society, and the Society for Environmental Exploration.
- My people management experience includes recruitment, management, assessment and training of conservation staff and volunteers.
- I enjoy working with people and feel that interpersonal and management skills are key strengths of mine.
- I am also a recognised explorer. I discover remote and inaccessible sites of potentially high biodiversity, organise and then lead scientific expeditions to investigate them. See: <https://news.mongabay.com/2019/12/a-crisis-situation-extinctions-loom-as-forests-are-erased-in-mozambique/>
<https://www.bbcearth.com/blog/?article=have-we-mapped-the-whole-planet#>
<https://www.theguardian.com/world/2018/jun/17/mozambique-mount-lico-rainforest-new-species>

<https://www.theguardian.com/world/2017/mar/25/journey-mozambique-mabu-forest-julian-bayliss-google-earth>
<http://www.conservation-careers.com/dr-julian-bayliss-real-life-explorer/>

IT

- Advanced knowledge of GIS (QGIS, ArcMAP), GPS, and remote sensing software. Through my PhD I have advanced knowledge of GIS functionality. This gave me considerable experience in GIS 'predictive' modelling capability and database creation. I also analyse satellite imagery to create land use databases within a GIS platform.
- I am an experienced drone pilot (DJI Mavic Pro) and use this tool for surveying sites.
- I am proficient in the use of wildlife camera trapping (many models) and use this tool for assessing population dynamics.

Communications (including media)

- I possess excellent communication and diplomatic skills and enjoy working with a wide range of people and organisations. Good communication skills are vital for my current job.
- I have a wide range of professional contacts in both governmental and non-governmental organisations.
- I regularly give presentations and deliver training workshops.
- I have organised and facilitated many meetings, workshops and fora.
- I have significant experience of scientific paper and technical report writing (see overleaf for details).
- I have gained a great deal of experience of working with the media in my current job and from previous jobs, and have given numerous interviews on conservation issues – e.g. <https://news.mongabay.com/2018/10/secrets-revealed-scientists-explore-unique-isolated-forest-in-mozambique/>
- <http://www.theguardian.com/world/2008/feb/20/mozambique-conservation>
- I am a reviewer for the scientific journals *Biological Conservation*, *Agriculture, Ecosystems, and Environment*, and also for the *African Journal of Ecology*.
- I speak English, and basic Swahili and French. I am also learning Welsh.

Fundraising

- I have put together funding bids for a wide range of large and small conservation projects and have been successful in obtaining funding in most cases.
- On behalf of the Government of Malawi I successfully completed the GEF-6 concept proposal and associated documentation for US\$6million linking the management of Malawi's Protected Area system.
- FFI / CEPF – Mount Mabu Conservation Project - US\$130,000 – establishing community-based conservation at Mount Mabu (Mozambique)
- US AID / US Forestry Services – US\$1 million to extend the FFI Nimba Darwin Initiative project over 4 years
- Rapid Response Facility – \$25,282 to re-habilitate the guard offices of the Office Ivorien Parcs and Reserves for Mt. Nimba (Cote d'Ivoire)
- STEWARD - \$25,200 towards the production of a Collaborative Management Framework for the Nimba Mountains (Liberia, Cote d'Ivoire, Guinea)
- Darwin Initiative - £198,000 – 3 year programme assessing the biological status of northern Mozambique's high altitude mountains (Mozambique/Malawi)
- Earthwatch - £20,000 plus ongoing project support – Volunteer support to collect the data of the Mulanje Mountain Conservation Trust Ecological Monitoring Programme (Malawi)
- FINNIDA - £50,000 plus 5 yrs support – to undertake biodiversity surveys of the East Usambara mountains (Tanzania)
- Japanese Embassy - £80,000 – Equipment to support the biodiversity surveys of the East

Usambara mountains (Tanzania)

AWARDS

- 2018 Fellow of the Linnean Society of London (FLS)
- 2015 Visiting Professor of Ecology – Oxford Brookes University, UK
- 2009 Fellow of the Royal Entomological Society (FRES).
- 2009 Fellow of the Royal Geographical Society (FRGS).
- 2009 Associate Research Fellow of the African Butterfly Research Institute (ABRI) – Nairobi.
- 2006 Darwin Initiative Award 15/036 - Monitoring and managing biodiversity loss in south-east Africa's montane ecosystems.
- 1998 FFI Oryx 100% Fund – to undertake biodiversity surveys in Madagascar rainforest.
- 1997 Co-Operative Bank prize for Business and Ecology (Master's thesis).

REFEREES – on request

SCIENTIFIC PAPERS

Sáfián, S., **Bayliss, J.**, & T.C.E. Congdon (**submitted**) New lolaus Hübner, 1819 species in the subgenus *Philiolaus* Stempffer & Bennett, 1958 from East Africa and the establishment of *I. maritimus* and *I. stewarti* species groups (Lepidoptera, Lycaenidae, Theclinae). *Zootaxa*.

Aida Cuni-Sanchez, Philip J. Platts, Gerard Imani, Noelia Zafra-Calvo, **Julian Bayliss**, Daniel J. Ingram, Beth Kaplin, Valerie Kapos, Alain S.K. Ngute, Jacques Nkengurutse, Moses Sainge, Martin Sullivan, Neil D. Burgess, Julia A. Klein, Rob Marchant. (**submitted**) Africa's tropical montane forests: services, threats and recommendations for sustainability. *Regional Environmental Change*.

Platts, P. J., Schaafsma, M., Burgess, N. D., Fisher, B., Ricketts, T. H., Swetnam, R. D., Turner, K. R., Ahrends, A., Ashagre, B. B., **Bayliss, J.**, Gereau, R. E., Green, J. M. H., Green, R. E., Jeha, L., Lewis, S. L., Marchant, R., Marshall, A. R., Mbilinyi, B. P., Morse-Jones, S., Munishi, P. K. T., Mwakalila, S., Njana, M., Shirima, D. D., Willcock, S., & A. Balmford (**submitted**) Net social welfare of conserving a global biodiversity hotspot. *Nature*.

Bayliss, J., Congdon, C., & S. Collins (**in prep**) A new species of Afriodinia (Abisara) Felder & Felder (Lepidoptera: Riodinidae) from Mt Lico, Northern Mozambique; the revision of the *A. delicata* group; and the reinstatement of *A. zanzibaricus*.

Curran, M., Kopp, M., **Bayliss, J.** & J. Fahr (**in prep**) A new species of horseshoe bat (Chiroptera: Rhinolophidae) from Mount Namuli, Mozambique.

Daniels S.R., Bittencourt-Silva G.B., Muianga V. & **Bayliss J.** (2020). Phylogenetics of the freshwater crab (*Potamonautes* MacLeay, 1838) fauna from 'sky islands' in Mozambique with the description of a new species (Brachyura: Potamoidea: Potamonautidae). *European Journal of Taxonomy* 716: 1–23. <https://doi.org/10.5852/ejt.2020.716>

Bittencourt-Silva GB, **Bayliss J**, Conradie W. (2020). First herpetological surveys of Mount Lico and Mount Socone, Mozambique. *Amphibian & Reptile Conservation* **14**(2) [General Section]: 198–217 (e247).

Bayliss, J., Brattström, O., Bampton, I. (†), & Collins S.C. (2019). A new species of *Leptomyrina* Butler, 1898 (Lepidoptera: Lycaenidae) from Mts Mecula, Namuli, Inago, Nallume and Mabu in Northern Mozambique. *Metamorphosis* **30**: 19–24.

Branch W.R., **Bayliss J.**, Bittencourt-silva G.B., Conradie W., Engelbrecht H.M., Loader S.P., Menegon M., Nanvonamuquitxo C. & K.A. Tolley (2019) A new species of tree snake (*Dipsadoboa*, Serpentes: Colubridae) from 'sky island' forests in northern Mozambique, with notes on other members of the *Dipsadoboa werneri* group. *Zootaxa* 4646 (3): 541–563. <https://doi.org/10.11646/zootaxa.4646.3.6>

Branch W.R., Verburgt L., **Bayliss J.**, Kucharzewski C., Rödel M.O., & W. Conradie (2019) New records of the Large-eyed Green Snake, *Philothamnus macrops* (Boulenger 1895), from Mozambique. *Herpetology Notes* 12: 19-29.

Bayliss, J., Congdon, T.C.E. & Collins S.C. (2018). A new subspecies of *Papilio* (Princeps) *pelodurus* Butler, 1896 (Lepidoptera: Papilionidae: Papilioninae) from several mountains in northern Mozambique. *Metamorphosis* 29: 132–136.

C.N. Spottiswoode, L.D.C. Fishpool, & **J.L. Bayliss** (2016) Birds and biogeography of Mount Mecula in Mozambique's Niassa National Reserve. *Ostrich* 3 (87): 281-284 <http://dx.doi.org/10.2989/00306525.2016.1206041>

Bayliss, J.L., Collins, S.C. & Congdon, T.C.E. (2016). A new species of *Iolus* Hübner subgenus *Epamera* Druce (Lepidoptera: Lycaenidae: Theclinae) from Mts Namuli and Mabu, Northern Mozambique. *Metamorphosis* 27: 21–28.

Willcock, S., Phillips, O. L., Platts, P. J., Swetnam, R. D., Balmford, A., Burgess, N. D., Ahrends, A., **Bayliss, J.**, Doggart, N., Doody, K., Fanning, E., Green, J. M. H., Hall, J., Howell, K. L., Lovett, J. C., Marchant, R., Marshall, A. R., Mbilinyi, B., Munishi, P. K. T., Owen, N., Topp-Jorgensen, E. J. and Lewis, S. L. (2016), Land cover change and carbon emissions over 100 years in an African biodiversity hotspot. *Glob Change Biol*, 22: 2787–2800. <http://dx.doi.org/10.1111/gcb.13218>

Taylor P.J., L.R. Richards, **J. Bayliss**, F.P.D. Cotterill (2015). Rediscovery of the Transvaal free-tailed bat *Tadarida ventralis africana* in South Africa, with an additional record of the Malagasy free-tailed bat *T. fulminans* from northern Mozambique. *Durban Natural Science Museum. Novitates* 38: 50-55.

Bayliss J., Timberlake, J., Branch, W., Bruessow C., Collins, S., Congdon, C., da Sousa, C., Herrmann, E., Dowsett R.J., Dowsett Lemaire F., Fishpool, L.D.C. Harris T., Georgiadis S., Liggitt B., Monadjem A., Patel I.H., Ribeiro D., Spottiswoode C.N., Taylor P., Willcock S., & P. Smith (2014) The Discovery, Biodiversity, and Conservation of Mabu forest – the largest mid-altitude rainforest in southern Africa. *Oryx* 48(2): 177–185. <http://dx.doi.org/10.1017/S0030605313000720>.

Bayliss J., Schaafsma M., Balmford A., Burgess N.D., Green J.M.H., Madoffe S.S., Okayasu S., Peh K S-H., Platts P.J., D.W. Yu (2014). The Current and Future Value of Nature-based Tourism in the Eastern Arc Mountains of Tanzania. *Ecosystem Services* 8 (2014) 75–83: <http://dx.doi.org/10.1016/j.ecoser.2014.02.006>.

Daniels, S., Phiri E., & **J. Bayliss** (2014). Renewed sampling of inland aquatic habitats in southern Africa yield two novel freshwater crab species (Decapoda: Potamonautidae: Potamonautes). *Zoological Journal of the Linnean Society* 171: 356–369. <http://dx.doi.org/10.1111/zoj.12139>.

Daniels, S., & **J. Bayliss** (2012). Unexplored refugia of biodiversity: Mountainous regions in Mozambique and Malawi yield two novel freshwater crab species (Potamonautidae: Potamonautes). *Zoological Journal of the Linnean Society* 164: 498-509. <http://dx.doi.org/10.1111/j.1096-3642.2011.00773.x>.

Branch, W.R., **Bayliss, J.** & Tolley, K.A. (2014) Pygmy chameleons of the Rhampholeon platyceps complex (Squamata: Chamaeleonidae): Description of four new species from isolated 'sky islands' of northern Mozambique. *Zootaxa* 3814 (1): 001–036. <http://dx.doi.org/10.11646/zootaxa.3814.1>.

Willcock S., Phillips O.L., Platts P.J., Balmford A., Burgess N.D., Lovett J.C., Ahrends A., **Bayliss J.**, Doggart N., Doody K., Fanning E., Green J.M., Hall J., Howell K.L., Marchant R., Marshall A.R., Mbilinyi B., Munishi P.K., Owen N., Swetnam R.D., Topp-Jorgensen E.J., Lewis S.L. (2014). Quantifying and understanding carbon storage and sequestration within the Eastern Arc Mountains of Tanzania, a tropical biodiversity hotspot. *Carbon Balance and Management* 9:2. <http://dx.doi.org/10.1186/1750-0680-9-2>.

L. T. Ellis; **J. Bayliss**; M. A. Bruggeman-Nannenga; B. Cykowska; R. Ochyra; N. J. M. Gremmen; J-P. Frahm; T. A. Hedderson; P. Heras; V. M. Infante; V. Hugonnot; F. Mogro; V. Plášek; L. Číhal; J. Sawicki; A. Schäfer-Verwimp; A. Stebel; S. Ştefănuţ; J. Váňa; J-D. Yang; S-H. Lin (2014). Bryological Notes New national and regional bryophyte records 38. *Journal of Bryology* 36 (1), pp. 61-72. <http://dx.doi.org/10.1179/1743282013Y.0000000085>.

L T Ellis, S C Aranda, A K Asthana, P Bansal, V Nath, V Sahu, **J Bayliss**, G Asthana, S Srivastava, S Yadav, M Brugués, M J Cano, M V Dulin, E Fudali, E Fuertes, R Gabriel, F Pereira, J A F Silva, S R Gradstein, P Hájková, M Hájek, P Heras, M Infante, M Lebouvier, J Marka, K K Newsham, R Ochyra, J Pantović, M S Sabovljević, N Phephu, J van Rooy, D A Philippov, R D Porley, F Puche, A Schäfer-Verwimp, J G Segarra-Moragues, C Sérgio, V R Smith, S Ştefănuţ, J Váňa, M J Wigginton (2014). New national and regional bryophyte records, 37. *Journal of Bryology* 35 (4) pp. 290 – 305. <http://dx.doi.org/10.1179/1743282013Y.0000000064>.

Peh, K.S.-H., Balmford, A., Bradbury, R.B., Brown, C., Butchart, S.H.M., Hughes, F.M.R., Stattersfield, A., Thomas, D.H.L., Walpole, M., **Bayliss, J.**, Gowing, D., Jones, J.P.G., Lewis, S.L., Mulligan, M., Pandeya, B., Stratford, C., Thompson, J.R., Turner, K., Vira, B., Willcock, S., & J.C. Birch, (2013). TESSA: A toolkit for rapid assessment of ecosystem services at sites of biodiversity conservation importance. *Ecosystem Services* 5: 51-57. <http://dx.doi.org/10.1016/j.ecoser.2013.06.003>.

Congdon, T.C.E. & **Bayliss, J.L.** (2012). Butterflies of Mt Mecula and Mt Yao, Niassa Province, Northern Mozambique. *Metamorphosis* 23: 26–34.

Taylor P., Stoffberg S., Monadjem A., Schoeman M.C., **Bayliss J.**, & Cotterill F.P.D. (2012) Four new bat species (*Rhinolophus hildebrandtii* complex) reflect Plio-Pleistocene divergence of dwarfs and giants across an Afrotropical Archipelago. *PLoS ONE* 7(9): e41744. <http://dx.doi.org/10.1371/journal.pone.0041744>.

Willcock S, Phillips OL, Platts PJ, Balmford A, Burgess ND, Lovett JC, Ahrends A, **Bayliss J**, Doggart N, Doody K, Fanning E, Green J, Hall J, Howell KL, Marchant R, Marshall AR, Mbilinyi B, Munishi PKT, Owen N, Swetnam RD, Topp-Jorgensen EJ, & Lewis SL (2012) Towards Regional, Error-Bounded Landscape Carbon Storage Estimates for Data-Deficient Areas of the World. *PLoS ONE* 7(9): e44795. <http://dx.doi.org/10.1371/journal.pone.0044795>.

Staide H., **Bayliss, J.**, & Sihvonen (2011). The Mulanje Tiger Moth Prout, 1922, new status, a critically endangered species from Malaŵi (Lepidoptera: Geometridae:Diptychinae). *Metamorphosis* 22 (2): 49–64.

Congdon, C., Collins, S. & **Bayliss J.** (2010) Butterflies of south east Africa's mountains (Mozambique and Malawi). *Metamorphosis* 21(2): 45-107.

Fishpool, L. D. C. & **Bayliss, J.** (2010) Brief notes on the birds of Mount Inago, northern Mozambique. *African Bird Club Bulletin* 17(2): 198-201.

Monadjem, A., M.C. Schoeman, A. Reside, D. V. Pio, S. Stoffberg, **J. Bayliss**, F.P.D. (Woody) Cotterill, M. Curran, M. Kopp, & P. J. Taylor (2010) A recent inventory of the bats of Mozambique with

documentation of seven new species for the country. *Acta Chiropterologica* 12(2): 371–391. <http://dx.doi.org/10.3161/150811010X537963>.

Branch, William R. & Tolley, Krystal A. (2010) A new species of chameleon (Sauria: Chamaeleonidae: Nadzikambia **baylissi**) from Mount Mabu, central Mozambique. *African Journal of Herpetology*, 59(2): 157-172. <http://dx.doi.org/10.1080/21564574.2010.516275>.

Bayliss, J., Burrow, C., Martell, S., & Staude, H. (2010). An ecological study between two living fossils in Malawi – the Mulanje Tiger Moth (*Callioratus grandis*) and the Mulanje Cycad (*Encephalartos gratus*). *African Journal of Ecology*, 48 (2): 472-480. <http://dx.doi.org/10.1111/j.1365-2028.2009.01135.x>.

Branch, W. & **J.L. Bayliss** (2009). A new species of tree viper *Atheris* (Serpentes: Viperidae) from Northern Mozambique. *Zootaxa*: 2113: 41-54.

Spottiswoode C. N., Patel I. H., Herrmann E., Timberlake, J. & **J. Bayliss** (2008). Threatened bird species on two little-known mountains (Mabu and Chiperone) in northern Mozambique. *Ostrich* 79 (1): 1-7. <http://dx.doi.org/10.2989/OSTRICH.2008.79.1.1.359>.

Nangoma, D. & **J.L. Bayliss** (2007). The first use of the MODIS Rapid Response (MRR) fires alert system on Mount Mulanje in Malawi. *Nyala* 24: 3-15.

Bayliss, J.L., Hecht, J., Makungwa, S., Nangoma, D., & Bruessow C. (2007). Saving the Island in the Sky: the plight of the Mount Mulanje cedar *Widdringtonia whytei* in Malawi. *Oryx* 41 (1): 64-69. <http://dx.doi.org/10.1017/S0030605307001548>.

Bayliss, J.L., Simonite, V., Thompson, S. (2006). An innovative approach to targeting sites for wading bird assemblages in the UK. *Journal for Nature Conservation*, 14 (1): 1- 15. <http://dx.doi.org/10.1016/j.jnc.2005.08.006>.

Bayliss, J.L., Simonite, V., Thompson, S. (2005). The use of probabilistic habitat suitability models for biodiversity action planning. *Agriculture, Ecosystems & Environment*, 108 (3): 228-250. <http://dx.doi.org/10.1016/j.agee.2005.02.008>.

Thompson, S., Hazel, A., Bailey, N., **Bayliss, J.** & Lee, J.T. (2004). Identifying potential breeding sites for the stone curlew (*Burhinus oedicnemus*) in the UK. *Journal for Nature Conservation*, 12, 229 - 235. <http://dx.doi.org/10.1016/j.jnc.2004.07.002>.

Bayliss, J., Helyar, A., Lee, J.T. Lee & Thompson, S. (2003). A multi-criteria targeting approach to neutral grassland conservation. *Journal of Environmental Management*, 67, 145 – 160. [http://dx.doi.org/10.1016/S030-4797\(02\)00202-5](http://dx.doi.org/10.1016/S030-4797(02)00202-5).

Bayliss, J. (2002). The East Usambara tree-hole crab (Brachyura: Potamoidea: Potamonautidae) - a striking example of crustacean adaptation in closed canopy forest, Tanzania. *African Journal of Ecology* 40 (1): 26-34. <http://dx.doi.org/10.1046/j.0141-6707.2001.00333.x>

Bayliss, J. & A. Fielding (2002). Termitophagous foraging by *Pachycondyla analis* (Formicidae, Ponerinae) in a Tanzanian coastal dry forest. *Sociobiology* 39 (1): 103-122. <http://dx.doi.org/>

Selected REPORTS

World Bank (2019) Biodiversity Chapter. Malawi Country Environmental Analysis. © World Bank.

Bayliss J. (2017) GEF-5 investments in 9 Protected Areas through the SRBMP phase I - Biodiversity and Protected Areas Specialist - Final Report. Shire River Basin Management Programme, Government of Malawi.

Bayliss J. (2017) GEF-5 METT analysis of SRBMP phase I protected areas. Thematic Monitoring & Evaluation Report No. 62. Biodiversity and Protected Areas Specialist - Final Report. Shire River Basin Management Programme, Government of Malawi.

Bayliss J. (2017) The Elephant Marsh General Adaptive Management Plan 2018-2023. Shire River Basin Management Programme, Government of Malawi.

Timberlake J. & **Bayliss J. (2016)** Elaboration of a Conservation Management Plan for the Mt Mabu Region: Biophysical Attributes. Consultancy report for the FFI Mozambique Office under a CEPF Grant. Project/Donor Code: 379-CEPI.

Bayliss J. (2015) Lengwe National Park Adaptive Management Plan 2015 – 2020. Shire River Basin Management Programme, Government of Malawi.

Bayliss, J. (2015) Carbon Storage Analysis of select Protected Areas under the SRBMP. Shire River Basin Management Programme. Government of Malawi.

Bayliss J L, Spottiswoode C, Congdon T C E, Collins S C, Fishpool L, and Bayliss A. (2013) Unlocking Mts. Mecula and Yao's biological secrets - the missing biogeographical jigsaw pieces in the high altitude mountains of northern Mozambique. A report to National Geographic Grant #W229-12.

Jonathan Timberlake, **Julian Bayliss**, Françoise Dowsett-Lemaire., Colin Congdon, C., Robert Dowsett, Jorge Francisco, Tim Harris, Jose Monteiro, Bill Branch, & Camila da Sousa. (2012) *Mt Mabu, Mozambique: Biodiversity and Conservation*. Report produced under the Darwin Initiative Award 15/036. Royal Botanic Gardens, Kew, London. 114 p.

Ravilious, C., Kapos, V., Osti, M., Bertzky, M., **Bayliss, J.L.**, Dahiru, S., & Dickson, B. (2010) Carbon, biodiversity and ecosystem services: Exploring co-benefits. Nigeria: Preliminary Results. *UNEP-WCMC*, Cambridge, UK.

Bayliss, J., Monteiro, J., Fishpool, L., Congdon, C., Bampton, I., Bruessow, C. & J. Timberlake (2010) The Biodiversity and Conservation of Mount Inago, Mozambique. *Darwin Initiative Project: Monitoring and Managing Biodiversity Loss in South-east Africa's Montane Ecosystems*. DI No. 15/036.

Jonathan Timberlake, Françoise Dowsett Lemaire, **Julian Bayliss**, Tereza Alves, Susana Baena, Jorge Francisco, Tim Harris, Camila da Sousa (2009). The Biodiversity and Conservation of Mount Mabu, Mozambique. Darwin Initiative Project: Monitoring and Managing Biodiversity Loss in South-east Africa's Montane Ecosystems. DI No. 15/036.

Jonathan Timberlake, **Julian Bayliss**, Tereza Alves, Jorge Francisco, Tim Harris, David Nangoma and Camila da Sousa (2009). The Biodiversity and Conservation of Mchese Mountain, Malawi. Darwin Initiative Project: Monitoring and Managing Biodiversity Loss in South-east Africa's Montane Ecosystems. DI No. 15/036.

Jonathan Timberlake, Françoise Dowsett Lemaire, **Julian Bayliss**, Tereza Alves, Susana Baena, Jorge Francisco, Tim Harris, Camila da Sousa (2008). The Biodiversity and Conservation of Mount Namuli, Mozambique. Darwin Initiative Project: Monitoring and Managing Biodiversity Loss in South-east Africa's Montane Ecosystems. DI No. 15/036.

Jonathan Timberlake, **Julian Bayliss**, Tereza Alves, Susana Baena, Jorge Francisco, Tim Harris, Camila da Sousa (2007). The Biodiversity and Conservation of Mount Chipirone, Mozambique. Darwin Initiative Project: Monitoring and Managing Biodiversity Loss in South-east Africa's Montane Ecosystems. DI No. 15/036.

Bayliss, J. (2005). An Ecological Monitoring Programme for Mount Mulanje Forest Reserve, Malawi. Wildlife Conservation Society (WCS) consultancy contract for the Mulanje Mountain Conservation Trust (MMCT).

Lee, J.T., Bailey, N., **Bayliss, J.** & Thompson, S. (2001a). Development of a Biodiversity and Landscape Map for the Chilterns using a GIS based model. Phase I: Production of land use map for the Chilterns Natural Area. English Nature Contract No. TC/12/00.

Lee, J., Griffiths, G., Warnock, S. Bailey, N., **Bayliss, J.**, Vogiatzakis & Thompson, S. (2001b). Development of a Biodiversity and Landscape Map for the Chilterns using a GIS based model. Phase II: Habitat model: formulation, operation and results. English Nature Contract No. TC/17/00.

Bayliss, J & Hayes, B. (1999). The status and distribution of bats, primates, and butterflies from the Makira plateau, Madagascar. A report to the Fauna and Flora International (FFI) 100% fund, Cambridge, UK.

Cunneyworth, P., **Bayliss, J.**, and Stubblefield, L. (1996a). Magoroto Forest: A Biodiversity Survey. Tanzania. East Usambara Catchment Forest Project FINNIDA Technical Paper No. 30. Tanzania/Vanta.

Cunneyworth, P., **Bayliss, J.**, and Stubblefield, L. (1996b). Bamba Ridge Forest Reserve: A Biodiversity Survey, Tanzania. East Usambara Catchment Forest Project FINNIDA Technical Paper No. 31. Tanzania/Vanta.

Cunneyworth, P., **Bayliss, J.**, and Stubblefield, L. (1996c). Mlungui Proposed Forest Reserve: A Biodiversity Survey, Tanzania. East Usambara Catchment Forest Project FINNIDA Technical Paper No. 32. Tanzania/Vanta.