

Ament JM, Moore CA, Herbst M and Cumming GS (2016) Cultural ecosystem services in protected areas: understanding bundles, trade-offs, and synergies. *Conservation Letters* **10**: 440–450. DOI: 10.1111/conl.12283

Ball SE, Bovero S, Sotgiu G, Tessa G, Angelini C, Bielby J, Durrant C, Favelli M, Gazzaniga E and Garner TWJ (2017) Islands within an island: Population genetic structure of the endemic Sardinian newt, *Euproctus platycephalus*. *Ecology and Evolution* **7**: 1190–1211. DOI: 10.1002/ece3.2665

Baniel A, Cowlshaw G and Huchard E (2017) Male violence and sexual intimidation in a wild primate society. *Current Biology* **27**: 2163–2168. DOI: 10.1016/j.cub.2017.06.013

Barata IM, Correia CM and Ferreira GB (2016) Amphibian species composition and priorities for regional conservation at the espinhaco mosaic, Southeastern Brazil. *Herpetological Conservation and Biology* **11**: 293–303

Bardosh KL, Scoones JC, Grace D, Kalema-Zikusoka G, Jones KE, De Balogh K, Waltner-Toews D, Bett B, Welburn SC, Mumford E and Dzingirai V (2017) Engaging research with policy and action: what are the challenges of responding to zoonotic disease in Africa? *Philosophical Transactions of the Royal Society of London Series B* **372**: 20160172. DOI: 10.1098/rstb.2016.0172

Becker MS, Durant SM, Watson FGR, Parker M, Gottelli D, M'soka J, Droge E, Nyirenda M, Schuette P, Dunkley S and Brummer R (2017) Using dogs to find cats: detection dogs as a survey method for wide-ranging cheetah. *Journal of Zoology* **302**: 184–192. DOI: 10.1111/jzo.12445

Bennett DJ, Sutton MD and Turvey ST (2017) treeman: an R package for efficient and intuitive manipulation of phylogenetic trees. *BMC Research Notes* **10**: 30. DOI: 10.1186/s13104-016-2340-8

Bennett DJ, Sutton MD and Turvey ST (2017) Evolutionarily distinct living fossils require both lower speciation and lower extinction rates. *Paleobiology* **43**: 34–48. DOI: 10.1017/pab.2016.36

Bennison C, Hemmings N, Brookes L, Slate J and Birkhead T (2016) Sperm morphology, adenosine triphosphate (ATP) concentration and swimming velocity: unexpected relationships in a passerine bird. *Proceedings of the Royal Society of London B - Biological Sciences* **283**: 20161558. DOI: 10.1098/rspb.2016.1558

Benton MJ, Briggs DEG, Clack JA, Edwards D, Galway-Witham J, Stringer CB and Turvey ST (2017) СОТРУДНИЧЕСТВО РОССИИ И ВЕЛИКОБРИТАНИИ В ПАЛЕОНТОЛОГИИ: ПРОШЛОЕ, НАСТОЯЩЕЕ И БУДУЩЕЕ [“Russia-UK collaboration in palaeontology: past, present, and future”]. *Paleontologicheskii Zhurnal* **6**: 4–30 [In Russian]

Berentsen AR, Bender S, Bender P, Bergman D, Gilbert AT, Rowland HM and VerCauteren KC (2016) Bait flavor preference and immunogenicity of ONRAB baits in domestic dogs on the Navajo Nation, Arizona. *Journal of Veterinary Behavior* **15**: 20–24. DOI: 10.1016/j.jveb.2016.08.007

Bielby J, Vial F, Woodroffe R and Donnelly CA (2016) Localised badger culling increases risk of herd breakdown on nearby, not focal, land. *PLoS One* **11**: e0164618. DOI: 10.1371/journal.pone.0164618

Black Y, Meredith A and Price SJ (2017) Detection and reporting of ranavirus in amphibians: evaluation of the roles of the world organisation for animal health and the published literature. *Journal of Wildlife Diseases* **53**: 509–520. DOI: 10.7589/2016-08-176

Blackburn TM, Scrivens SL, Heinrich S and Cassey P (2017) Patterns of selectivity in introductions of mammal species worldwide. *NeoBiota* **33**: 33–51. DOI: 10.3897/neobiota.33.10471

Bland LM, Bielby J, Kearney S, Orme CDL, Watson JEM and Collen B (2017) Toward reassessing data-deficient species. *Conservation Biology* **31**: 531–539. DOI: 10.1111/cobi.12850

Bland LM and Böhm M (2016) Overcoming data deficiency in reptiles. *Biological Conservation* **204**: 16–22. DOI: 10.1016/j.biocon.2016.05.018

Böhm M, Cook D, Ma H, Davidson AD, García A, Tapley B, Pearce-Kelly P and Carr J (2016) Hot and bothered: using trait-based approaches to assess climate change vulnerability in reptiles. *Biological Conservation* **204**: 32–41. DOI: 10.1016/j.biocon.2016.06.002

Bonebrake TC, Brown CJ, Bell JD, Blanchard JL, Chauvenet A, Champion C, Chen I-C, Clark TD, Colwell RK, Danielsen F, Dell AI, Donelson JM, Evengård B, Ferrier S, Frusher S, Garcia RA, Griffis RB, Hobday AJ, Jarzyna MA, Lee E, Lenoir J, Linnetved H, Martin VY, McCormack PC, McDonald J, McDonald-Madden E, Mitchell N, Mustonen T, Pandolfi JM, Pettorelli N, Possingham H, Pulsifer P, Reynolds M, Scheffers BR, Sorte CJB, Strugnell JM, Tuanmu M-N, Twiname S, Vergés A, Villanueva C, Wapstra E, Wernberg T and Pecl GT (2017) Managing consequences of climate-driven species redistribution requires integration of ecology, conservation and social science. *Biological Reviews* DOI: 10.1111/brv.12344

Bouchet PJ, Meeuwij JJ, Huang Z, Letessier TB, Nichol S, Caley MJ and Watson R (2017) Continental-scale hotspots of pelagic fish abundance inferred from commercial catch records. *Global Ecology and Biogeography* **26**: 10981–111. DOI: 10.1111/geb.12619

Bowker, JN, De Vos, A, Ament, JM and Cumming, GS (2017) Effectiveness of Africa's tropical protected areas for maintaining forest cover. *Conservation Biology* **31**: 531–539. DOI: 10.1111/cobi.12851

Brace, S, Thomas, JA, Dalen, L, Burger, J, MacPhee, RDE, Barnes, I and Turvey, ST (2016) Evolutionary history of the Nesophontidae, the last unplaced Recent mammal family. *Molecular Biology and Evolution* **33**: 3095–3103. DOI.org/10.1093/molbev/msw186

Britton AW, Day JJ, Doble CJ, Ngatunga BP, Kemp KM, Carbone C and Murrell DJ (2017) Terrestrial-focused protected areas are effective for conservation of freshwater fish diversity in Lake Tanganyika. *Biological Conservation* **212**: 120–129. DOI: 10.1016/j.biocon.2017.06.001

- Bryant JV, Gottelli D, Zeng X, Hong X, Chan BPL, Fellowes JR, Zhang Y, Luo J, Durrant C, Geissmann T, Chatterjee HJ and Turvey ST (2016) Assessing current genetic status of the Hainan gibbon using historical and demographic baselines: implications for conservation management of species of extreme rarity. *Molecular Ecology* **25**: 3540–3556. DOI: 10.1111/mec.13716
- Bryant, JV, Brule, A, Wong, MHG, Hong, X, Zhou, Z, Han, W, Jeffree, TE and Turvey, ST (2016) Detection of a new Hainan gibbon (*Nomascus hainanus*) group using acoustic call playback. *International Journal of Primatology* **37**: 534–547. DOI: 10.1007/s10764-016-9919-8
- Bryant JV, Zeng X, Hong X, Chatterjee HJ and Turvey ST (2016) Spatiotemporal requirements of the Hainan gibbon: Does home range constrain recovery of the world's rarest ape? *American Journal of Primatology* **79**: e22617. DOI: 10.1002/ajp.22617
- Bush ER, Short RE, Milner-Gulland EJ, Lennox K, Samoilys M and Hill N (2016) Mosquito net use in an artisanal East African fishery. *Conservation Letters* **10**: 451–459. DOI: 10.1111/conl.12286
- Cadotte MW, Barlow J, Nunez MA, Pettorelli N and Stephens PA (2017) Solving environmental problems in the Anthropocene: the need to bring novel theoretical advances into the applied ecology fold. *Journal of Applied Ecology* **54**: 1–6. DOI: 10.1111/1365-2664.12855
- Caballero A, Bravo I and Wang J (2017) Inbreeding load and purging: implications for the short-term survival and the conservation management of small populations. *Heredity* **118**: 177–185. DOI: 10.1038/hdy.2016.80
- Caballero A, Bravo I and Wang J (2017) The risk of forcing inbreeding in conservation programmes: a reply to Theodorou and Couvet. *Heredity* **119**: 51–53. DOI:10.1038/hdy.2017.17
- Campbell LJ, Head ML, Wilfert L and Griffiths AGF (2017) An ecological role for assortative mating under infection? *Conservation Genetics* **18**: 983–994. DOI: 10.1007/s10592-017-0951-9
- Canessa S, Ewen JG, West M, McCarthy MA and Walshe TV (2016) Stochastic dominance to account for uncertainty and risk in conservation decisions. *Conservation Letters* **9**: 260–266. DOI: 10.1111/conl.12218
- Canessa S, Guillera-Aroita G, Lahoz-Monfort JJ, Southwell DM, Armstrong DP, Chadès I, Lacy RC and Converse SJ (2016) Adaptive management for improving species conservation across the captive-wild spectrum. *Biological Conservation* **199**: 123–131. DOI: 10.1016/j.biocon.2016.04.026
- Carter I, Sainsbury AW, Walsh K, Matthew H, Curson J and Ewen JG (2016) Health and disease in translocated wild animals. *EcoHealth* **14**: 5–6. DOI: 10.1007/s10393-016-1200-2
- Carvell C, Bourke AFG, Dreier S, Freeman SN, Hulmes S, Jordan WC, Redhead JW, Sumner S, Wang J and Heard MS (2017) Bumblebee family lineage survival is enhanced in high-quality landscapes. *Nature* **543**: 547–549. DOI: 10.1038/nature21709
- Chowdhury S, Hesselberg T, Böhm M, Islam MR and Aich U (2017) Butterfly diversity in a tropical urban habitat (*Lepidoptera: Papilionoidea*). *Oriental Insects* DOI: 10.1080/00305316.2017.1314230
- Ciborowski K, Jordan WC, Garcia De Leaniz C and Consuegra S (2017) Temporal and spatial instability in neutral and adaptive (MHC) genetic variation in marginal salmon populations. *Scientific Reports* **7**: 42416. DOI: 10.1038/srep42416
- Ciborowski KL, Jordan WC, García de Leániz C and Consuegra S (2017) Novel class II alpha MHC variability in a small peripheral Atlantic salmon population. *Animal Genetics* **48**: 370–372. DOI: 10.1111/age.12535
- Clare FC, Halder JB, Daniel O, Bielby J, Semenov MA, Jombart T, Loyau A, Schmeller DS, Cunningham AA, Rowcliffe M, Garner TWJ, Bosch J and Fisher MC (2016) Climate forcing of an emerging pathogenic fungus across a montane multi-host community. *Philosophical Transactions of the Royal Society of London Series B* **371**: 20150454. DOI: 10.1098/rstb.2015.0454
- Cooke SB, Dávalos LM, Mychajliw AM, Turvey ST and Upham NS (2017) Anthropogenic extinction dominates Holocene declines of West Indian mammals. *Annual Review of Ecology, Evolution, and Systematics* **48**: 301–327
- Cunningham AA, Daszak P and Wood JLN (2017) One Health, emerging infectious diseases, and wildlife: two decades of progress? *Philosophical Transactions of the Royal Society of London Series B* **372**: 20160167. DOI: 10.1098/rstb.2016.0167
- Cunningham AA, Scoones I and Wood JLN (2017) One Health for a changing world: new perspectives from Africa. *Philosophical Transactions of the Royal Society of London Series B* **372**: 20160162. DOI: 10.1098/rstb.2016.0162
- Dalziel AE, Sainsbury AW, McInnes K, Jakob-Hoff R and Ewen JG (2016) A comparison of disease risk analysis tools for conservation translocations. *EcoHealth* **14**: 30–41. DOI: 10.1007/s10393-016-1161-5
- Davies T, Curnick DJ, Barde J and Chassot E (2017) Potential environmental impacts caused by beaching of drifting fish aggregating devices and identification of management solutions and uncertainties. A technical report to the Indian Ocean Tuna Commission. IOTC-2017-WGFAD01-08 Rev_1
- Davies TE, Ruzicka F, Lavery T, Walters CL and Pettorelli N (2016) Ultrasonic monitoring to assess the impacts of forest conversion on Solomon Island bats. *Remote Sensing in Ecology and Conservation* **2**: 107–118. DOI: 10.1002/rse2.19
- Doerr LR, Richardson KM, Ewen JG and Armstrong DP (2017) Effect of supplementary feeding on reproductive success of hihi (Stitchbird, *Natiomystis cincta*) at a mature forest reintroduction site. *New Zealand Journal of Ecology* **41**: 34–40. DOI: 10.20417/nzjecol.41.15
- Douglas CMS, Mulligan M, Harrison XA, Henschel JR, Pettorelli N and Cowlshaw G (2016) Widespread dieback of riparian trees on a dammed ephemeral river and evidence of local mitigation by tributary flows. *PeerJ* **10**: e2622. DOI: 10.7717/peerj.2622
- Duffus ALJ, Garner TWJ, Dean AW, Davis AR and Nichols RA (2017) Phylogenetic analysis of 24 ranavirus isolates from English amphibians using two partial loci. *Journal of Emerging Diseases and Virology* **3**. DOI: 10.16966/2473-1846.131
- Duffy HJ, Letessier TB and Irving RA (2017) Significant range extensions for two fish species at Pitcairn Island, South Pacific. *Journal of Fish Biology* **91**: 669–672. DOI: 10.1111/jfb.13359
- Duncan C, Primavera JH, Pettorelli N, Thompson JR, Loma RJA and Koldewey HJ (2016) Rehabilitating mangrove ecosystem services: A case study on the relative benefits of abandoned pond reversion from Panay Island, Philippines. *Marine Pollution Bulletin* **109**: 772–782. DOI: 10.1016/j.marpolbul.2016.05.049

- Durant SM, Mitchell N, Groom R, Pettorelli N, Ipavec A, Jacobson A, Woodroffe R, Böhm M, Bashir S, O'Neill H et al. (2016) The global decline of cheetah *Acinonyx jubatus* and what it means for conservation. *Proceedings of the National Academy of Sciences of the United States of America* **114**: 528–533. DOI: 10.1073/pnas.1611122114
- Dyer EE, Franks V, Cassey P, Collen B, Cope RC, Jones KE, Sekercioglu CH and Blackburn TM (2016) A global analysis of the determinants of alien geographical range size in birds. *Global Ecology and Biogeography* **25**: 1346–1355. DOI: 10.1111/geb.12496
- Dyer EE, Cassey P, Redding DW, Collen B, Franks V, Gaston KJ, Jones KE, Kark S, Orme CDL and Blackburn TM (2017) The global distribution and drivers of alien bird species richness. *PLoS Biology* **15**: e2000942. DOI: 10.1371/journal.pbio.2000942
- Dyer EE, Redding DW and Blackburn TM (2017) The global avian invasions atlas, a database of alien bird distributions worldwide. *Scientific Data* **4**: 170041. DOI: 10.1038/sdata.2017.41
- Evans ML, Johnson MA, Jacobson D, Wang J, Hogansen M and O'Malley KG (2016) Evaluating a multi-generational reintroduction program for threatened salmon using genetic parentage analysis. *Canadian Journal of Fisheries and Aquatic Sciences* **73**: 844–852. DOI: 10.1139/cjfas-2015-0317
- Evans T, Kumschick S and Blackburn TM (2016) Application of the Environmental Impact Classification for Alien Taxa (EICAT) to a global assessment of alien bird impacts. *Diversity and Distributions* **22**: 919–931. DOI: 10.1111/ddi.12464
- Fan P-F, He K, Chen X, Ortiz A, Zhang B, Zhao C, Li Y-Q, Zhang H-B, Kimock C, Wang W-Z, Groves C, Turvey ST, Roos C, Helgen KM and Jiang X-L (2017) Description of a new species of Hoolock gibbon (Primates: Hylobatidae) based on integrative taxonomy. *American Journal of Primatology* **79**: e22631. DOI: 10.1002/ajp.22631
- Fayet AL, Freeman R, Shoji A, Boyle D, Kirk HL, Dean BJ, Perrins CM and Guilford T (2016) Drivers and fitness consequences of dispersive migration in a pelagic seabird. *Behavioral Ecology* **27**: 1061–1072. DOI: 10.1093/beheco/arw013
- Fayet AL, Shoji A, Freeman R, Perrins CM and Guilford T (2017) Within-pair similarity in migration route and female winter foraging effort predict pair breeding performance in a monogamous seabird. *Marine Ecology - Progress Series* **569**: 243–252. DOI: 10.3354/meps12083
- Ferreira GB, Ahumada JA, Oliveira MJR, de Pinho FF, Barata IM, Carbone C and Collen B (2017) Assessing the conservation value of secondary savanna for large mammals in the Brazilian Cerrado. *Biotropica* **49**: 734–744. DOI: 10.1111/btp.12450
- Fiegna C, Clarke CL, Shaw DJ, Baily JL, Clare FC, Gray A, Garner TWJ and Meredith AL (2016) Pathological and phylogenetic characterization of *Amphibiotheicum* sp. infection in an isolated amphibian (*Lissotriton helveticus*) population on the island of Rum (Scotland). *Parasitology* **144**: 484–496. DOI: 10.1017/S0031182016001943
- Fontaine MC, Thatcher O, Ray N, Piry S, Brownlow A, Davison NJ, Jepson P, Deaville R and Goodman SJ (2017) Mixing of porpoise ecotypes in southwestern UK waters revealed by genetic profiling. *Royal Society Open Science* **4**: 160992. DOI: 10.1098/rsos.160992
- Franklinos LHV, Lorch JM, Bohuski E, Fernandez JR-R, Wright ON, Fitzpatrick L, Petrovan S, Durrant C, Linton C, Baláz V, Cunningham AA and Lawson B (2017) Emerging fungal pathogen *Ophidiomyces ophiodiicola* in wild European snakes. *Scientific Reports* **7**: 3844. DOI: 10.1038/s41598-017-03352-1
- Franklinos LHV, Masters N, Feltrer Y, Pocknell A, Bolt DM, Dakin S, Berry K and Molenaar FM (2017) The management of an oral anaplastic sarcoma in a pygmy hippopotamus (*Choeropsis liberiensis*) using intralesional chemotherapy. *Journal of Zoo and Wildlife Medicine* **48**: 260–264. DOI: 10.1638/2016-0015.1
- Gallardo B, Aldridge DC, González-Moreno P, Pergl J, Pizarro M, Pyšek P, Thuiller W, Yesson C and Vilà M (2017) Protected areas offer refuge from invasive species spreading under climate change. *Global Change Biology*. DOI: 10.1111/gcb.13798
- García-Dorado A, Wang J and López-Cortegano E (2016) Predictive model and software for inbreeding-purging analysis of pedigreed populations. *G3: Genes/Genomes/Genetics* **6**: 3593–3601. DOI: 10.1534/g3.116.032425
- Garner TWJ, Schmidt BR, Martel A, Pasmans F, Muths E, Cunningham AA, Weldon C, Fisher MC and Bosch J (2016) Mitigating amphibian chytridiomycoses in nature. *Philosophical Transactions of the Royal Society of London Series B* **371**: 201602079. DOI: 10.1098/rstb.2016.0207
- Gibb R, Shoji A, Fayet AL, Perrins CM, Guilford T and Freeman R (2017) Remotely sensed wind speed predicts soaring behaviour in a wide-ranging pelagic seabird. *Journal of the Royal Society Interface* **14**: 20170262. DOI: 10.1098/rsif.2017.0262
- Gliozzo G, Pettorelli N and Haklay M (2016) Using crowdsourced imagery to detect cultural ecosystem services: a case study in South Wales, UK. *Ecology and Society* **21**: 6. DOI.org/10.5751/ES-08436-210306
- Gordon IJ, Altwegg R, Evans DM, Ewen JG, Johnson JA, Pettorelli N. and Young JK (2016) Reducing agricultural loss and food waste: How will nature fare? *Animal Conservation* **19**: 305–308. DOI: 10.1111/acv.12290
- Gougeon S, Kemp KM, Blicher ME and Yesson C (2017) Mapping and classifying the seabed of the West Greenland continental shelf. *Estuarine, Coastal and Shelf Science* **187**: 231–240. DOI: 10.1016/j.ecss.2017.01.009
- Grant EHC, Muths E, Katz RA, Canessa S, Adams MJ, Ballard JR, Berger L, Briggs CJ, Coleman JT, Gray MJ, Harris MC, Harris RN, Hossack B, Huyvaert KP, Kolby J, Lips KR, Lovich RE, Mccallum HI, Mendelson JR, Nanjappa P, Olson DH, Powers JG, Richgels KL, Russell RE, Schmidt BR, Spitzen-van der Sluijs A, Watry MK, Woodhams DC and White CL (2017) Using decision analysis to support proactive management of emerging infectious wildlife diseases. *Frontiers in Ecology and the Environment* **15**: 214–221. DOI: 10.1002/fee.1481
- Groom R, Durant S and Breitenmoser-Würsten C (2016) Review of the conservation strategy for cheetah and African wild dog in southern Africa. *CAT news* **63**: 39–41
- Hämäläinen L, Rowland HM, Mappes J and Thorogood R (2017) Can video playback provide social information for foraging blue tits? *PeerJ* **2017**: 3062. DOI: 10.7717/peerj.3062
- Hilbers JP, Santini L, Visconti P, Schipper AM, Pinto C, Rondinini C and Huijbregts MA (2017) Setting population targets for mammals using body mass as a predictor of population persistence. *Conservation Biology* **31**: 385–393. DOI: 10.1111/cobi.12846
- Hofmeester TR, Rowcliffe JM and Jansen PA (2017) A simple method for estimating the effective detection distance of camera traps. *Remote Sensing in Ecology and Conservation* **3**: 81–89. DOI: 10.1002/rse2.25
- Hofmeester TR, Rowcliffe JM and Jansen PA (2017) Quantifying the availability of vertebrate hosts to ticks: a camera-trapping approach. *Frontiers in Veterinary Science* DOI: 10.3389/fvets.2017.00115

- Hopper J, Kalema-Zikusoka G, Sente C and Jaffe J (2017) *Field studies in pathology and health monitoring. Gorilla Pathology and Health: With a catalogue of preserved materials*: 197–209. J Cooper and G Hull (Eds). Academic Press
- Hudson MA, Young RP, D'Urban Jackson J, Orozco-Terwengel P, Martin L, James A, Sulton M, Garcia G, Griffiths RA, Thomas R, Magin C, Bruford MW and Cunningham AA (2016) Dynamics and genetics of a disease-driven species decline to near extinction: lessons for conservation. *Scientific Reports* **6**: 30772. DOI: 10.1038/srep30772
- Jacoby DMP, Papastamatiou YP and Freeman R (2016) Inferring animal social networks and leadership: applications for passive monitoring arrays. *Journal of the Royal Society Interface* **13**: 20160676. DOI: 10.1098/rsif.2016.0676
- Jefferies C, Davies M, Carter I, Gregson J, Sainsbury AW and Lister J (2016) Reintroducing the curlew to Cornwall. *British Birds* **109**: 374–388
- Jephcott FL, Wood JLN and Cunningham AA (2017) Facility-based surveillance for emerging infectious diseases; diagnostic practices in rural West African hospital settings: observations from Ghana. *Philosophical Transactions of the Royal Society of London Series B* **372**: 20160544. DOI: 10.1098/rstb.2016.0544
- Juffe-Bignoli D, Brooks TM, Butchart SHM, Jenkins RB, Boe K, Hoffman M, Angulo A, Bachman S, Böhm M et al. (2016) Assessing the cost of global biodiversity and conservation knowledge. *PLoS One* **11**: e0160640. DOI: 10.1371/journal.pone.0160640
- Kumschick S, Measey GJ, Vimercati G, de Villiers FA, Mokhatla MM, Davies SJ, Thorp CJ, Rebelo AD, Blackburn TM and Kraus F (2017) How repeatable is the Environmental Impact Classification of Alien Taxa (EICAT)? Comparing independent global impact assessments of amphibians. *Ecology and Evolution* **7**: 2661–2670. DOI: 10.1002/ece3.2877
- Latombe G, Pysek P, Jeschke JM, Blackburn TM, Bacher S, Capinha C, Costello MJ, Fernández M, Gregory RD, Hobern D, Hui C, Jetz W, Kumschick S, McGrannachan C, Pergl J, Roy HE, Scalera R, Squires ZE, Wilson JRU, Winter M, Genovesi P and McGeoch MA (2016) A vision for global monitoring of biological invasions. *Biological Conservation* **213**: 295–308. DOI: 10.1016/j.biocon.2016.06.013
- Law RJ and Jepson PD (2017) Europe's insufficient pollutant remediation. *Science* **356**: 148. DOI: 10.1126/science.aam6274
- Lee AEG and Cowlshaw G (2017) Switching spatial scale reveals dominance-dependent social foraging tactics in a wild primate. *PeerJ* **2017**: e3462. DOI: 10.7717/peerj.3462
- Lee CKF, Duncan C, Owen HJF and Pettorelli N (2017) A new framework to assess relative ecosystem vulnerability to climate change. *Conservation Letters*. DOI: 10.1111/conl.12372
- Letessier TB, Bouchet P and Meeuwig JJ (2017) Sampling mobile oceanic fishes and sharks: implications for fisheries and conservation planning. *Biological Reviews* **92**: 627–646. DOI: 10.1111/brv.12246
- Letessier TB, Cox MJ, Meeuwig JJ, Boersch-Supan PH and Brierley AS (2016) Enhanced pelagic biomass around coral atolls. *Marine Ecology Progress Series* **546**: 271–276. DOI: 10.3354/meps11675
- Leung WTM, Thomas-Walters L, Garner TWJ, Balloux F, Durrant C and Price SJ (2017) A quantitative-PCR based method to estimate ranavirus viral load following normalisation by reference to an ultraconserved vertebrate target. *Journal of Virological Methods* **249**: 147–155. DOI: 10.1016/j.jviromet.2017.08.016
- Liang X, Kang A and Pettorelli N (2017) Understanding habitat selection of the vulnerable wild yak *Bos mutus* on the Tibetan Plateau. *Oryx* **51**: 361–369. DOI: 10.1017/S0030605315001155
- Liu M, Lin M, Turvey ST and Li S (2016) Fishers' knowledge as an information source to investigate bycatch of marine mammals in the South China Sea. *Animal Conservation* **29**: 182–192. DOI: 10.1111/acv.12304
- Lo Iacono G, Cunningham AA, Fichet-Calvet E, Garry RF, Grant DS, Leach M, Moses LM, Nichols G, Schieffelin JS, Shaffer JG, Webb CT and Wood JLN (2016) A unified framework for the infection dynamics of zoonotic spillover and spread. *PLoS Neglected Tropical Diseases* **10**: 0004957. DOI: 10.1371/journal.pntd.0004957
- Lorgen M, Jorgensen, EH, Jordan, WC, Martin, SAM and Hazlerigg, DG (2016) NFAT5 genes are part of the osmotic regulatory system in Atlantic salmon (*Salmo salar*). *Marine Genomics* **31**: 25–31. DOI: 10.1016/j.margen.2016.06.004
- MacLeod, KJ, Brekke, P, Ewen, JG and Thorogood, R (2016) Minutes matter: brief hatching asynchrony adversely affects late-hatched hihi nestlings, but not life beyond the nest. *Animal Behaviour* **119**: 111–118. DOI: 10.1016/j.anbehav.2016.07.002
- Mather AE, Lawson B, de Pinna E, Wigley P, Parkhill J, Thomson NR, Page AJ, Holmes MA and Paterson GK (2016) Genomic analysis of *Salmonella enterica* serovar Typhimurium from wild passerines in England and Wales. *Applied and Environmental Microbiology* **82**: 6728–6735. DOI: 10.1128/AEM.01660-16
- McGrady MJ, Al-Fazari WA, Al-Jahdhami MH, Nicoll MAC and Oli MK (2017) Sooty falcon Falco concolor reproduction and population dynamics on the islands in the Sea of Oman. *Ibis* **159**: 828–840. doi:10.1111/ibi.12502
- McNamara J, Rowcliffe M, Cowlshaw G, Alexander JS, Ntiamoa-Baidu Y, Brenya A and Milner-Gulland EJ (2016) Characterising wildlife trade market supply-demand dynamics. *PLoS One* **11**: 0162972. DOI: 10.1371/journal.pone.0162972
- McRae L, Deinet S and Freeman R (2017) The diversity-weighted living planet index: controlling for taxonomic bias in a global biodiversity indicator. *PLoS One* **12**: e0169156. DOI: 10.1371/journal.pone.0169156
- Mkonyi, FJ, Estes, AB, Msuha, MJ, Lichtenfeld, LL and Durant, SM (2017) Local attitudes and perceptions toward large carnivores in a human-dominated landscape of northern Tanzania. *Human Dimensions of Wildlife* **22**: 314–330. DOI: 10.1080/10871209.2017.1323356
- Mkonyi FJ, Estes AB, Msuha MJ, Lichtenfeld LL and Durant SM (2017) Socio-economic correlates and management implications of livestock depredation by large carnivores in the Tarangire ecosystem, northern Tanzania. *International Journal of Biodiversity Science, Ecosystem Services & Management* **13**: 248–263. DOI: 10.1080/21513732.2017.1339734
- Mitchell N and Durant S (2017) Steps in tackling the illegal cheetah trade. *Cat news* **65**: 49–50.
- Norris, K (2016) Ecology: The tropical deforestation debt. *Current Biology* **26**: R770–R772. DOI: 10.1016/j.cub.2016.06.039
- Olivero J, Fa JE, Real R, Farfán MA, Márquez AL, Vargas JM, González JP, Cunningham AA and Nasi R (2017) Mammalian biogeography and the Ebola virus in Africa. *Mammal Review* **47**: 24–37. DOI: 10.1111/mam.12074
- Pacifici M, Visconti P, Butchart SHM, Watson JEM, Cassola FM and Rondinini C (2017) Species' traits influenced their response to recent climate change. *Nature Climate Change* **7**: 205–208. DOI: 10.1038/nclimate3223

- Pacifici M, Visconti P and Rondinini C (2017) A framework for the identification of hotspots of climate change risk for mammals. *Global Change Biology* DOI: 10.1111/gcb.13942
- Palmer Fry B, Agarwala M, Atkinson G, Clements T, Homewood K, Mourato S, Rowcliffe JM, Wallace G and Milner-Gulland EJ (2017) Monitoring local wellbeing in environmental interventions: a consideration of practical trade-offs. *Oryx* **51**: 68–76
- Passoni G, Rowcliffe JM, Whiteman A, Huber D and Kusak J (2017) Framework for strategic wind farm site prioritisation based on modelled wolf reproduction habitat in Croatia. *European Journal of Wildlife Research* **63**: 38. DOI: 10.1007/s10344-017-1092-7
- Pastorino GQ, Viau A, Curone G, Pearce-Kelly P, Faustini M, Vigo D, Mazzola SM and Preziosi R (2017) Role of personality in behavioral responses to new environments in captive asiatic lions (*Panthera leo persica*). *Veterinary Medicine International*: 6585380. DOI: 10.1155/2017/6585380
- Patiño J, Whittaker RJ, Borges PA, Fernández-Palacios JM, Ah-Peng C, Araújo MB, Ávila SP, Cardoso P, Cornuault J, de Boer EJ, de Nascimento L, Gil A, González-Castro A, Gruner DS, Heleno R, Hortal J, Illera JC, Kaiser-Bunbury CN, Matthews TJ, Papadopoulou A, Pettorelli N, Price JP, Santos AMC, Steinbauer MJ, Triantis KA, Valente L, Vargas P, Weigelt P and Emerson BC (2017) A roadmap for island biology: 50 fundamental questions after 50 years of The Theory of Island Biogeography. *Journal of Biogeography* **44**: 963–983. DOI: 10.1111/jbi.12986
- Pecl GT, Araújo MB, Bell JD, Blanchard J, Bonebrake TC, Chen IC, Clark TD, Colwell RK, Danielsen F, Evengård B, Falconi L, Ferrier S, Frusher S, Garcia RA, Griffis RB, Hobday AJ, Janion-Scheepers C, Jarzyna MA, Jennings S, Lenoir J, Linnetved HI, Martin VY, McCormack PC, McDonald J, Mitchell NJ, Mustonen T, Pandolfi JM, Pettorelli N, Popova E, Robinson SA, Scheffers BR, Shaw JD, Sorte CJB, Strugnelli JM, Sunday JM, Tuanmu M-N, Vergés A, Villanueva C, Wernberg T, Wapstra E and Williams SE (2017) Biodiversity redistribution under climate change: Impacts on ecosystems and human well-being. *Science* **355**: aai9214. DOI: 10.1126/science.aai9214
- Peel AJ, Baker KS, Hayman DTS, Suu-Ire R, Breed AC, Gembu G-C, Lembo T, Fernández-Loras A, Sargan DR, Fooks AR, Cunningham AA and Wood JLN (2016) Bat trait, genetic and pathogen data from large-scale investigations of African fruit bats, *Eidolon helvum*. *Scientific Data* **3**: 160049. DOI: 10.1038/sdata.2016.49
- Peel AJ, Wood JLN, Baker KS, Breed AC, Carvalho A de C, Fernández-Loras A, Gabrieli HS, Gembu G-C, Kakengi VA, Kaliba PM, Kityo RM, Lembo T, Mba FE, Ramos D da T L, Rodriguez-Prieto I, Suu-Ire R, Cunningham AA and Hayman DTS (2017) How does Africa's most hunted bat vary across the continent? Population traits of the straw-coloured fruit bat (*Eidolon helvum*) and its interactions with humans. *Acta Chiropterologica* **19**: 77–92. DOI: 10.3161/15081109ACC2017.19.1.006
- Peniche G, Fernandez JR-R, Durrant C, John SK, Macgregor SK, Cunningham AA and Lawson, B (2017) Nested PCR for *Suttonella ornithocola* reveals widespread infection in British Paridae species. *European Journal of Wildlife Research* **63**: 50. DOI: 10.1007/s10344-017-1105-6
- Pettorelli N, Nagendra H, Rocchini D, Rowcliffe M, Williams R, Ahumada J, De Angelo C, Atzberger C, Boyd D, Buchanan G, Chauvenet A, Disney M, Duncan C, Fatoyinbo T, Fernandez N, Haklay M, He K, Horning N, Kelly N, de Klerk H, Liu X, Merchant N, Paruelo J, Roy H, Roy S, Ryan S, Solimann R, Swenson J. and Wegmann M (2017) *Remote Sensing in Ecology and Conservation*: three years on. *Remote Sensing in Ecology and Conservation* **3**: 53–56. DOI: 10.1002/rse2.53
- Pinho FF, Ferreira GB, Paglia AP (2017) Influence of habitat, elevation and fire frequency on species richness and habitat use of medium and large mammals in two protected areas of the Espinhaço Range. *Zoologia* **34**: e11921
- Price SJ, Ariel E, Maclaine A, Rosa GM, Gray MJ, Brunner JL and Garner TWJ (2017) From fish to frogs and beyond: Impact and host range of emergent ranaviruses. *Virology* **511**: 272–279. DOI: 10.1016/j.virol.2017.08.001
- Price SJ, Garner TWJ, Cunningham AA, Langton TES and Nichols RA (2016) Reconstructing the emergence of a lethal infectious disease of wildlife supports a key role for spread through translocations by humans. *Proceedings of the Royal Society of London B - Biological Sciences* **283**: 20160952. DOI: 10.1098/rspb.2016.0952
- Proença, V, Martin, LJ, Pereira, HM, Fernandez, M, McRae, L, Belnap, J, Böhm, M, Brummitt, N, García-Moreno, J, Gregory, RD, Honrado, JP, Jürgens, N, Opige, M, Schmeller, DS, Tiago, P and van Swaay, CAM (2016) Global biodiversity monitoring: from data sources to essential biodiversity variables. *Biological Conservation* **213**: 256–265. DOI: 10.1016/j.biocon.2016.07.014
- Redding DW, Tiedt S, Lo Iacono G, Bett B and Jones KE (2017) Spatial, seasonal and climatic predictive models of rift valley fever disease across Africa. *Philosophical Transactions of the Royal Society of London Series B* **372**: 20160165. DOI: 10.1098/rstb.2016.0165
- Ricciardi A, Blackburn TM, Carlton JT, Dick JTA, Hulme PE, Iacarella JC, Jeschke JM, Liebhold AM, Lockwood JL, Maclsaac HJ, Pysek P, Richardson DM, Ruiz GM, Simberloff D, Sutherland WJ, Wardle DA and Aldridge DC (2017) Invasion science: a horizon scan of emerging challenges and opportunities. *Trends in Ecology and Evolution* **32**: 464–474. DOI: 10.1016/j.tree.2017.03.007
- Richardson KM, Ewen JG, Brekke P, Doerr LR, Parker KA and Armstrong DP (2016) Behaviour during handling predicts male natal dispersal distances in an establishing reintroduced hihi (*Notiomystis cincta*) population. *Animal Conservation* **20**: 135–143. DOI: 10.1111/acv.12296
- Ripple WJ, Chapron G, López-Bao JV, Durant SM, Macdonald DW, Lindsey PA, Bennett EL, Beschta RL, Bruskotter JT, Campos-Arceiz A, Corlett RT, Darimont CT, Dickman AJ, Dirzo R, Dublin HT, Estes JA, Everatt KT, Galetti M, Goswami VR, Hayward MW, Hedges S, Hoffmann M, Hunter LTB, Kerley GIH, Letnic M, Levi T, Maisels F, Morrison JC, Nelson MP, Newsome TM, Painter L, Pringle RM, Sandom CJ, Terborgh J, Treves A, Van Valkenburgh B, Vucetich JA, Wirsing AJ, Wallach AD, Wolf C, Woodroffe R, Young H and Zhang L (2016) Saving the world's terrestrial megafauna. *BioScience* **66**: 807–812. DOI: 10.1093/biosci/biw092
- Ripple WJ, Chapron G, Lopez-Bao JV, Durant SM, MacDonald DW, Lindsey PA, Bennett EL, Beschta RL, Bruskotter JT, Campos-Arceiz A, Corlett RT, Darimont CT, Dickman AJ, Dirzo R, Dublin HT, Estes JA, Everatt KT, Galetti M, Goswami VR, Hayward MW, Hedges S, Hoffmann M, Hunter LTB, Kerley GIH, Letnic M, Levi T, Maisels F, Morrison JC, Nelson MP, Newsome TM, Painter L, Pringle RM, Sandom CJ, Terborgh J, Treves A, Van Valkenburgh B, Vucetich JA, Wirsing AJ, Wallach AD, Wolf C, Woodroffe R, Young Hand Zhang L (2017) Conserving the world's megafauna and biodiversity: The fierce urgency of now. *Bioscience* **67**: 197–200. DOI: 10.1093/biosci/biw168
- Rosa GM, Branco JC, Couto H, Bergò PE and Andreone F (2016) *Mimophis mahfalensis* (common big-eyed snake) predation on *Furcifer major* (giant carpet chameleon) in Isalo, Madagascar. *Herpetological Bulletin* **138**: 40–41

- Rosa GM, Sabino-Pinto J, Laurentino TG, Martel A, Pasmans F, Rebelo R, Griffiths RA, Stöhr AC, Marschang RE, Price SJ, Garner TWJ and Bosch J (2017) Impact of asynchronous emergence of two lethal pathogens on amphibian assemblages. *Scientific Reports* **7**: 43260. DOI: 10.1038/srep43260
- Rosa IMD, Smith MJ, Wearn OR, Purves D and Ewers RM (2016) The environmental legacy of modern tropical deforestation. *Current Biology* **26**: 2161–2166. DOI: 10.1016/j.cub.2016.06.013
- Rowland HM and Burriss RP (2017) Human colour in mate choice and competition. *Philosophical Transactions of the Royal Society of London Series B* **372**: 20160350. DOI: 10.1098/rstb.2016.0350
- Rowland HM, Fulford AJT and Ruxton GD (2017) Predator learning differences affect the survival of chemically defended prey. *Animal Behaviour* **124**: 65–74. DOI: 10.1016/j.anbehav.2016.11.029
- Russell, JC and Blackburn, TM (2017) Invasive alien species: denialism, disagreement, definitions, and dialogue. *Trends in Ecology and Evolution* **32**: 312–314. DOI: 10.1016/j.tree.2017.02.005
- Russell JC and Blackburn TM (2017) The rise of invasive species denialism. *Trends in Ecology and Evolution* **32**: 3–6. DOI: 10.1016/j.tree.2016.10.012
- Sainsbury AW, Yu-Mei R, Ågren E, Vaughan-Higgins RJ, McGill IS, Molenaar F, Peniche G and Foster J (2016) Disease risk analysis and post-release health surveillance for a reintroduction programme: the pool frog *Pelophylax lessonae*. *Transboundary and Emerging Diseases* **64**: 1530–1548. DOI: 10.1111/tbed.12545
- Sánchez-Montes G, Ariño AH, Vizmanos JL, Wang J and Martínez-Solano I (2017) Effects of sample size and full sibs on genetic diversity characterization: a case study of three syntopic Iberian pond-breeding amphibians. *Journal of Heredity* **108**: 535–543. DOI: 10.1093/jhered/esx038
- Santini L, Belmaker J, Costello MJ, Pereira M, Rossberg AG, Schipper A, Ceausu S, Dornelas M, Hilbers J, Hortal J, Huijbregts MAJ, Navarro L, Schiffer K, Visconti P and Rondinini C. (2017) Assessing the suitability of diversity metrics to detect biodiversity change *Biological Conservation* **213**: 341–350. DOI: 10.1016/j.biocon.2016.08.024
- Schipper AM, Belmaker J, de Miranda MD, Navarro LM, Böhning-Gaese K, Costello MJ, Dornelas M, Foppen R, Hortal J, Huijbregts MAJ, Martín-López B, Pettorelli N, Queiroz C, Rossberg AG, Santini L, Schippers K, Steinmann ZJN, Visconti P, Rondinini C and Pereira HM (2016), Contrasting changes in the abundance and diversity of North American bird assemblages from 1971 to 2010. *Global Change Biology* **22**: 3948–3959. DOI:10.1111/gcb.13292
- Schmeller DS, Böhm M, Arvanitidis C, Barber-Meyer S, Brummitt N, Chandler M, Chatzinikolaou E, Costello MJ, Ding H, García-Moreno J, Gill M, Haase P, Jones M, Juillard R, Magnusson WE, Martin CS, McGeoch M, Mihoub J-B, Pettorelli N, Proença V, Peng C, Regan E, Schmeddel U, Simaika JP, Weatherdon L, Waterman C, Xu H and Belnap J (2017) Building capacity in biodiversity monitoring at the global scale. *Biodiversity and Conservation* **26**: 2765–2790. DOI: 10.1007/s10531-017-1388-7
- Schoening T, Durden J, Preuss I, Branzan Albu A, Purser A, De Smet B, Dominguez-Carrió C, Yesson C, de Jonge D, Lindsay D, Schulz J, Möller K, Beisiegel K, Kuhn L, Hoeberechts M, Piechaud N, Sharuga S and Treibitz T (2017) Report on the Marine Imaging Workshop 2017. *Research Ideas and Outcomes* **3**: e13820. DOI: 10.3897/rio.3.e13820
- Schulte to Bühne H, Wegmann M, Durant SM, Ransom C, de Ornellas P, Grange S, Beatty H and Pettorelli N (2017) Protection status and national socio-economic context shape land conversion in and around a key transboundary protected area complex in West Africa. *Remote Sensing in Ecology and Conservation* DOI: 10.1002/rse2.47
- Scoones I, Jones K, Lo Iacono G, Redding DW, Wilkinson A and Wood JLN (2017) Integrative modelling for one health: pattern, process and participation. *Philosophical Transactions of the Royal Society of London Series B* **372**: 20160164. DOI: 10.1098/rstb.2016.0164
- Seebens H, Blackburn TM, Dyer EE, Genovesi P, Hulme PE, Jeschke JM, Pagad S, Pysek P, Winter M, Arianoutsou M, Bacher S, Blasius B, Brundu G, Capinha C, Celesti-Grapow L, Dawson W, Dullinger S, Fuentes N, Jäger H, Kartesz J, Kenis M, Kreft H, Kühn I, Lenzner B, Liebhold A, Mosena A, Moser D, Nishino M, Pearman D, Pergl J, Rabitsch W, Rojas-Sandoval J, Roques A, Rorke S, Rossinelli S, Roy HE, Scalera R, Schindler S, Stajerová K, Tokarska-Guzik B, Van Kleunen M, Walker K, Weigelt P, Yamanaka T and Essl F (2017) No saturation in the accumulation of alien species worldwide. *Nature Communications* **8**: 14435. DOI: 10.1038/ncomms14435
- Seilern-Moy K, Vielgrader H, Gerritsmann H and Walzer C (2017) Radiography in the field: assessing a lightweight, handheld, battery-powered dentistry unit for field diagnostic applications. *Journal of Zoo and Wildlife Medicine* **48**: 31–39. DOI: 10.1638/2016-0034.1
- Soto-Azat C, Peñafiel-Ricaurte A, Price SJ, Sallaberry-Pincheira N, García MP and Cunningham AA (2016) *Xenopus laevis* and emerging amphibian pathogens in Chile. *EcoHealth* **13**: 775–783. DOI: 10.1007/s10393-016-1186-9
- Steenweg R, Hebblewhite M, Kays R, Ahumada J, Fisher JT, Burton C, Townsend SE, Carbone C, Rowcliffe JM, Whittington J, Brodie J, Royle JA, Switalski A, Cleverger AP, Heim N and Rich LN (2017) Scaling up camera traps—monitoring the planet's biodiversity with networks of remote sensors. *Frontiers in Ecology and the Environment* **15**: 26–34. DOI: 10.1002/fee.1448
- Suu-Ire RD, Fooks AR, Banyard AC, Selden D, Amponsah-Mensah K, Riesle S, Ziekah MY, Ntiamoa-Baidu Y, Wood JLN and Cunningham AA (2017) Lagos bat virus infection dynamics in free ranging straw-colored fruit bats (*Eidolon helvum*). *Tropical Medicine and Infectious Disease* **2**: 25. DOI: 10.3390/tropicalmed2030025
- Swindles GT, Green SM, Brown L, Holden J; Raby CL, Turner TE, Smart R, Peacock M and Baird AJ (2016) Evaluating the use of dominant microbial consumers (testate amoebae) as indicators of blanket peatland restoration. *Ecological Indicators* **69**: 318–330. DOI: 10.1016/j.ecolind.2016.04.038
- Tapley B, Bielby J, Böhm M, Brookes L, Capel T, Capon-Doyle JS, Chen S, Cliffe A, Clifforde L, Couchman O, Cunningham AA, Ferguson A, Flach E, Franklin M, Garner TWJ, Gill I, Gray C, Gumbs R, Guthrie A, Jaffe J, Jayson S, Harding L, Hudson M, Kane D, Korn J, Lawson B, Macintosh H, Masters N, Maunders T, Molenaar F, Michaels CJ, Moxey T, Murray C, Owen N, Pearce-Kelly P, Rendle M, Sainsbury T, Sergeant C, Servini F, Sparrow S, Strike T, Thomas S and Turvey S (2017) Zoological Society of London: contributions towards advancing the field of herpetology through conservation, research, captive management and education. *Herpetological Bulletin* **129**: 1–6
- Tickler DM, Letessier TB, Koldewey H and Meeuwig JJ (2017) Drivers of abundance and spatial distribution of reef-associated sharks in an isolated atoll reef system. *PLoS One* **12**: e0177374. DOI: 10.1371/journal.pone.0177374
- Tierney KM, Muir GKP, Cook GT, Heymans JJ, MacKinnon G, Howe JA, Xu S, Brownlow A, Davison NJ, ten Doeschate M and Deaville R (2017) Nuclear reprocessing-related radiocarbon (¹⁴C) uptake into UK marine mammals. *Marine Pollution Bulletin* **124**: 34–50. DOI: 10.1016/j.marpolbul.2017.07.002

- Turvey ST, Almonte J, Hansford J, Scofield RP, Brocca JL and Chapman SD (2017) A new species of extinct Late Quaternary giant tortoise from Hispaniola. *Zootaxa* **4277**: 1–16. DOI: 10.11646/zootaxa.4277.1.1
- Turvey ST, Bryant JV, Duncan C, WongMH, Guan Z, Fei H, Ma C, Hong X, Nash HC, Chan BP, Xu Y and Fan P (2016) How many remnant gibbon populations are left on Hainan? Testing the use of local ecological knowledge to detect cryptic threatened primates. *American Journal of Primatology* **79**: e22593. DOI: 10.1002/ajp.22593
- Turvey ST, Kennerley RJ, Nuñez-Miño JM and Young RP (2017) The Last Survivors: current status and conservation of the non-volant land mammals of the insular Caribbean. *Journal of Mammalogy* **98**: 918–936
- Unger B, Bravo Rebolledo EL, Deaville R, Grone A, IJsseldijk LL, Leopold MF, Siebert U, Spitz J, Wohlsein P and Herr H (2016) Large amounts of marine debris found in sperm whales stranded along the North Sea coast in early 2016. *Marine Pollution Bulletin* **112**: 134–141. DOI: 10.1016/j.marpolbul.2016.08.027
- Vaira M, Pereyra LC, Akmentins MS and Bielby J (2017) Conservation status of amphibians of Argentina: an update and evaluation of national assessments. *Amphibian and Reptile Conservation* **11**: 36–44
- Vaughan-Higgins RJ, Masters N and Sainsbury AW (2016) Biosecurity for translocations: ciril bunting (*Emberiza cirilus*), Fisher's estuarine moth (*Gortyna borellii lunata*), short-haired bumblebee (*Bombus subterraneus*) and pool frog (*Pelophylax lessonae*) translocations as case studies. *EcoHealth* **14**: 84–91. DOI: 10.1007/s10393-016-1150-8
- Vaughan-Higgins, RJ, Sainsbury, AW, Beckmann, K and Brown, MJF (2016) Disease risk analysis for the reintroduction of the short-haired bumblebee (*Bombus subterraneus*) to the UK. *Natural England Commissioned Reports* Number 261
- Vences M, Brown JL, Lathrop A, Rosa GM, Cameron A, Crottini A, Dolch R, Edmonds D, Freeman KLM, Glaw F, Lee Grismer L, Litvinchuk S, Milne MG, Moore M, Solofo JF, Noël J, Nguyen TQ, Ohler A, Randrianantoandro C, Raselimanana AP, Van Leeuwen P, Wogan GOU, Ziegler T, Andreone F and Murphy RW (2017) Tracing a toad invasion: lack of mitochondrial DNA variation, haplotype origins, and potential distribution of introduced *Duttaphrynus melanostictus* in Madagascar. *Amphibia-Reptilia* **38**: 197–207. DOI:10.1163/15685381-00003104
- Wall EL and Hartley M (2017) Assessing enclosure design and husbandry practices for successful keeping and breeding of the Burmese brow antlered deer (Eld's deer, *Rucervus eldii thamin*) in European zoos. *Zoo Biology* **36**: 201–212. DOI: 10.1002/zoo.21364
- Wang, J (2016) A comparison of single-sample estimators of effective population sizes from genetic marker data. *Molecular Ecology* **25**: 4692–4711. DOI: 10.1111/mec.13725
- Wang, J (2017) The computer program STRUCTURE for assigning individuals to populations: easy to use but easier to misuse. *Molecular Ecology Resources* **17**: 981–990. DOI: 10.1111/1755-0998.12650
- Wang X, Wu F, Turvey ST, Rosso M and Zhu Q (2016) Seasonal group characteristics and occurrence patterns of Indo-Pacific humpback dolphins (*Sousa chinensis*) in Xiamen Bay, Fujian Province, China. *Journal of Mammalogy* **97**: 1026–1032. DOI: 10.1093/jmammal/gyw002
- Washburne AD, Silverman JD, Leff JW, Bennett DJ, Darcy JL, Mukherjee S, Fierer N and David LA (2017) Phylogenetic factorization of compositional data yields lineage-level associations in microbiome datasets. *PeerJ* **5**: e2969. DOI: 10.7717/peerj.2969
- Wearn OR, Carbone C, Rowcliffe JM, Bernard H and Ewers RM (2016) Grain-dependent responses of mammalian diversity to land use and the implications for conservation set-aside. *Ecological Applications* **26**: 1409–1420. DOI: 10.1890/15-1363
- Wearn OR, Rowcliffe JM, Carbone C, Pfeifer M, Bernard H and Ewers RM (2017) Mammalian species abundance across a gradient of tropical land-use intensity: a hierarchical multi-species modelling approach. *Biological Conservation* **212**: 162–171. DOI: 10.1016/j.biocon.2017.05.007
- Wecek K, Hartmann S, Pajjmans JLA, Taron U, Xenikoudakis G, Cahill JA, Heintzman PD, Shapiro B, Baryshnikov G, Bunevich AN, Crees JJ, Dobosz R, Manaserian N, Okarma H, Tokarska M, Turvey ST, Wojcik JM, Zyla W, Szymura JM, Hofreiter M and Barlow A (2017) Complex admixture preceded and followed the extinction of wisent in the wild. *Molecular Biology and Evolution* **34**: 598–612. DOI: 10.1093/molbev/msw254
- Whiteman, A, Passoni, G, Rowcliffe, JM, Ugarkovic, D, Kusak, J, Reljic, S and Huber, D (2017) Identifying key denning habitat to conserve brown bear (*Ursus arctos*) in Croatia. *Wildlife Research* **44**: 309–315. DOI: 10.1071/WR16164
- Widagdo W, Begeman L, Schipper D, Van Run PR, Cunningham AA, Kley N, Reusken CB, Haagmans BL and Van Den Brand JMA (2017) Tissue distribution of the MERS-Coronavirus receptor in bats. *Scientific Reports* **7**: 1193. DOI: 10.1038/s41598-017-01290-6
- Williams ST, Foster PG, Hughes C, Harper EM, Taylor JD, Littlewood DTJ, Dyal P, Hopkins KP and Briscoe AG (2017) Curious bivalves: systematic utility and unusual properties of anomalodesmatan mitochondrial genomes. *Molecular Phylogenetics and Evolution* **110**: 60–72. DOI: 10.1016/j.ympev.2017.03.004
- Wilson JRU, García-Díaz P, Cassey P, Richardson DM, Pysek P and Blackburn TM (2016) Biological invasions and natural colonisations are different - the need for invasion science. *NeoBiota* **31**: 87–98. DOI: 10.3897/neobiota.31.9185
- Wood JLN, Cunningham AA, Suu-Ire RD, Jephcott FL and Ntiamoa-Baidu Y (2016) Ebola, bats and evidence-based policy: Informing ebola policy. *EcoHealth* **13**: 9–11. DOI: 10.1007/s10393-015-1050-3
- Woodroffe R, Donnelly CA, Ham C, Jackson SYB, Moyes K, Chapman K, Stratton NG, Cartwright SJ and Coulson T (2016) Badgers prefer cattle pasture but avoid cattle: implications for bovine tuberculosis control. *Ecology Letters* **19**: 1201–1208. DOI: 10.1111/ele.12654
- Woodroffe R, Donnelly CA, Ham C, Jackson SYB, Moyes K, Chapman K, Stratton NG and Cartwright SJ (2016) Ranging behaviour of badgers *Meles meles* vaccinated with Bacillus Calmette Guerin. *Journal of Applied Ecology* **54**: 718–725. DOI: 10.1111/1365-2664.12837
- Woodroffe R, Groom R and Weldon McNutt J (2017) Hot dogs: high ambient temperatures impact reproductive success in a tropical carnivore. *Journal of Animal Ecology* **86**: 1329–1328. DOI: 10.1111/1365-2656.12719
- Yesson C, Fisher J, Gorham T, Turner CJ, Hammeken Arboe N, Blicher ME and Kemp KM (2016) The impact of trawling on the epibenthic megafauna of the west Greenland shelf. *ICES Journal of Marine Science* **74**: 866–879. DOI: 10.1093/icesjms/fsw206
- zu Ermgassen E, Durrant C, John S, Gardiner R, Alrefaei AF, Cunningham AA and Lawson B (2016) Evidence for acinical carriage of the European epidemic strain of *Trichomonas gallinae* in finches, but not other non-columbiforms. *Parasitology* **143**: 1294–1300. DOI: 10.1017/S0031182016000780