

Citations of Fournier et al. 2012 and K. Kristensen et al. 2016 gleaned from Web of Science in March 2019. This list is over 100 pages in length and contains about 970 citations, 100 of TMB and 860 of ADMB. It is presented in alphabetical order within each year of publication from 2019 through 2012. There are some duplicates, probably caused by both articles cited in the same paper.

Essential Publications

- Fournier, David A. et al. (2012). “AD Model Builder: using automatic differentiation for statistical inference of highly parameterized complex nonlinear models”. In: *Optimization Methods And Software* 27, pp. 233–249. DOI: 10.1080/10556788.2011.597854.
- Kristensen, K. et al. (2016). “TMB: Automatic Differentiation and Laplace Approximation”. In: *Journal of Statistical Software* 70, pp. 1–21. DOI: doi:10.18637/jss.v070.i05.

Publication Year 2019

- Aldrin, M., S. Aanes, and S. Subbey (2019). “Comments on incongruous formulations in the SAM (state-space assessment model) model and consequences for fish stock assessment”. In: *Fisheries Research* 210, pp. 224–227. DOI: 10.1016/j.fishres.2018.08.001.
- Alonso-Fernandez, Alexandre, Jaime Otero, Rafael Banon, Jose Manuel Campos, et al. (2019). “Inferring abundance trends of key species from a highly developed small-scale fishery off NE Atlantic”. In: *Fisheries Research* 209, pp. 101–116. DOI: 10.1016/j.fishres.2018.09.011.
- Bourgeois, Stephanie et al. (2019). “Improving cost-efficiency of faecal genotyping: New tools for elephant species”. In: *Plos One* 14. DOI: 10.1371/journal.pone.0210811.
- Breck, Stewart W. et al. (2019). “The intrepid urban coyote: a comparison of bold and exploratory behavior in coyotes from urban and rural environments”. In: *Scientific Reports* 9. DOI: 10.1038/s41598-019-38543-5.
- Canavan, Susan et al. (2019). “Tall-statured grasses: a useful functional group for invasion science”. In: *Biological Invasions* 21, pp. 37–58. DOI: 10.1007/s10530-018-1815-z.
- Cosgrove, Ronan et al. (2019). “A game of two halves: Bycatch reduction in Nephrops mixed fisheries”. In: *Fisheries Research* 210, pp. 31–40. DOI: 10.1016/j.fishres.2018.09.019.
- Cote, David et al. (2019). “Characterizing snow crab (*Chionoecetes opilio*) movements in the Sydney Bight (Nova Scotia, Canada): a collaborative approach using multiscale acoustic telemetry”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 76, pp. 334–346. DOI: 10.1139/cjfas-2017-0472.
- Damiano, Matthew D. and Michael J. Wilberg (2019). “Population dynamics of eastern oysters in the Choptank River Complex, Maryland during 1989-2015”. In: *Fisheries Research* 212, pp. 196–207. DOI: 10.1016/j.fishres.2018.12.023.
- Dinsdale, Daniel and Matias Salibian-Barrera (2019). “Methods for preferential sampling in geostatistics”. In: *Journal Of The Royal Statistical Society Series C-Applied Statistics* 68, pp. 181–198. DOI: 10.1111/rssc.12286.
- Fisch, Nicholas C. et al. (2019). “A comparison of age- and size-structured assessment models applied to a stock of cisco in Thunder Bay, Ontario”. In: *Fisheries Research* 209, pp. 86–100. DOI: 10.1016/j.fishres.2018.09.014.

- Forrestal, Francesca C., C. Phillip Goodyear, and Michael Schirripa (2019). “Applications of the longline simulator (LLSIM) using US pelagic longline logbook data and Atlantic blue marlin”. In: *Fisheries Research* 211, pp. 331–337. DOI: 10.1016/j.fishres.2018.11.029.
- Forrestal, Francesca C., Michael Schirripa, et al. (2019). “Testing robustness of CPUE standardization and inclusion of environmental variables with simulated longline catch datasets”. In: *Fisheries Research* 210, pp. 1–13. DOI: 10.1016/j.fishres.2018.09.025.
- Fursdon, Jack B. et al. (2019). “The pharmaceutical pollutant fluoxetine alters reproductive behaviour in a fish independent of predation risk”. In: *Science Of The Total Environment* 650, pp. 642–652. DOI: 10.1016/j.scitotenv.2018.09.046.
- Gravem, Sarah A. and Steven G. Morgan (2019). “Trait-mediated indirect effects in a natural tidepool system”. In: *Marine Biology* 166. DOI: 10.1007/s00227-019-3469-5.
- Griffin, Lucas P. et al. (2019). “A comparison of juvenile bonefish diets in Eleuthera, The Bahamas, and Florida, US”. In: *Environmental Biology Of Fishes* 102, pp. 147–157. DOI: 10.1007/s10641-018-0822-3.
- Hagen, Ingerid J. et al. (2019). “Supplementary stocking selects for domesticated genotypes”. In: *Nature Communications* 10. DOI: 10.1038/s41467-018-08021-z.
- Hallikainen, Ville et al. (2019). “Natural regeneration after gap cutting in Scots pine stands in northern Finland”. In: *Scandinavian Journal Of Forest Research* 34, pp. 115–125. DOI: 10.1080/02827581.2018.1557248.
- Hellmann, Jennifer K. and Ian M. Hamilton (2019). “Intragroup social dynamics vary with the presence of neighbors in a cooperatively breeding fish”. In: *Current Zoology* 65, pp. 21–31. DOI: 10.1093/cz/zoy025.
- Hernandez, Eliza et al. (2019). “The effects of nitrogen deposition and invasion on litter fuel quality and decomposition in a *Stipa pulchra* grassland”. In: *Journal Of Arid Environments* 162, pp. 35–44. DOI: 10.1016/j.jaridenv.2018.11.003.
- Hill, Edward et al. (2019). “Overstory density, short growing seasons, and moisture limit Engelmann spruce establishment over time in high-elevation managed stands”. In: *Canadian Journal Of Forest Research* 49, pp. 64–75. DOI: 10.1139/cjfr-2018-0268.
- Howard, Ingrid et al. (2019). “Abundance of an economically important nematode parasite increased in Puget Sound between 1930 and 2016: Evi-

- dence from museum specimens confirms historical data”. In: *Journal Of Applied Ecology* 56, pp. 190–200. DOI: 10.1111/1365-2664.13264.
- Jonsen, I. D. et al. (2019). “Movement responses to environment: fast inference of variation among southern elephant seals with a mixed effects model”. In: *Ecology* 100. DOI: 10.1002/ecy.2566.
- Krapu, Christopher and Mark Borsuk (2019). “Probabilistic programming: A review for environmental modellers”. In: *Environmental Modelling And Software* 114, pp. 40–48. DOI: 10.1016/j.envsoft.2019.01.014.
- Kumar, Rajeev, Noel G. Cadigan, and M. Joanne Morgan (2019). “Recruitment synchrony in spatially structured Newfoundland and Labrador populations of American plaice (*Hippoglossoides platessoides*)”. In: *Fisheries Research* 211, pp. 91–99. DOI: 10.1016/j.fishres.2018.10.027.
- Lehikoinen, Petteri et al. (2019). “Protected areas act as a buffer against detrimental effects of climate change-Evidence from large-scale, long-term abundance data”. In: *Global Change Biology* 25, pp. 304–313. DOI: 10.1111/gcb.14461.
- Liljestrand, Emily M., Michael J. Wilberg, and Amy M. Schueller (2019a). “Estimation of movement and mortality of Atlantic menhaden during 1966-1969 using a Bayesian multi-state mark-recovery model”. In: *Fisheries Research* 210, pp. 204–213. DOI: 10.1016/j.fishres.2018.10.015.
- (2019b). “Multi-state dead recovery mark-recovery model performance for estimating movement and mortality rates”. In: *Fisheries Research* 210, pp. 214–223. DOI: 10.1016/j.fishres.2018.10.014.
- Malecore, Eva M. et al. (2019). “Nonlinear effects of phylogenetic distance on early-stage establishment of experimentally introduced plants in grassland communities”. In: *Journal Of Ecology* 107, pp. 781–793. DOI: 10.1111/1365-2745.13059.
- Nesmith, Jonathan C. B. et al. (2019). “Whitebark and Foxtail Pine in Yosemite, Sequoia, and Kings Canyon National Parks: Initial Assessment of Stand Structure and Condition”. In: *Forests* 10. DOI: 10.3390/f10010035.
- Neuenhoff, Rachel D. et al. (2019). “Continued decline of a collapsed population of Atlantic cod (*Gadus morhua*) due to predation-driven Allee effects”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 76, pp. 168–184. DOI: 10.1139/cjfas-2017-0190.
- Opedal, Oystein H., Elena Albertsen, Rocio Perez-Barrales, et al. (2019). “No evidence that seed predators constrain pollinator-mediated trait evolution

- in a tropical vine”. In: *American Journal Of Botany* 106, pp. 145–153. DOI: 10.1002/ajb2.1209.
- Oviedo-Diego, Mariela A., Camilo I. Mattoni, and Alfredo V. Peretti (2019). “Specificity of the female’s local cellular immune response in genital plug producing scorpion species”. In: *Plos One* 14. DOI: 10.1371/journal.pone.0208682.
- Pusceddu, Michelina et al. (2019). “Resin foraging dynamics in *Varroa destructor*-infested hives: a case of medication of kin?” In: *Insect Science* 26, pp. 297–310. DOI: 10.1111/1744-7917.12515.
- Thorson, James T. (2019a). “Forecast skill for predicting distribution shifts: A retrospective experiment for marine fishes in the Eastern Bering Sea”. In: *Fish And Fisheries* 20, pp. 159–173. DOI: 10.1111/faf.12330.
- (2019b). “Guidance for decisions using the Vector Autoregressive Spatio-Temporal (VAST) package in stock, ecosystem, habitat and climate assessments”. In: *Fisheries Research* 210, pp. 143–161. DOI: 10.1016/j.fishres.2018.10.013.
- Tomaseto, Arthur F. et al. (2019). “Orange jasmine as a trap crop to control *Diaphorina citri*”. In: *Scientific Reports* 9. DOI: 10.1038/s41598-019-38597-5.
- Wang, Guiming (2019). “Machine learning for inferring animal behavior from location and movement data”. In: *Ecological Informatics* 49, pp. 69–76. DOI: 10.1016/j.ecoinf.2018.12.002.
- Wrobel, Aleksandra and Rafal Zwolak (2019). “Habitat-dependent seed dispersal of an introduced tree species by native rodents”. In: *Forest Ecology And Management* 433, pp. 563–568. DOI: 10.1016/j.foreco.2018.11.036.
- Xu, Haikun, James T. Thorson, et al. (2019a). “A new semi-parametric method for autocorrelated age- and time-varying selectivity in age-structured assessment models”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 76, pp. 268–285. DOI: 10.1139/cjfas-2017-0446.
- (2019b). “A new semi-parametric method for autocorrelated age- and time-varying selectivity in age-structured assessment models”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 76, pp. 268–285. DOI: 10.1139/cjfas-2017-0446.
- Yurkowski, David J. et al. (2019). “Abundance and species diversity hotspots of tracked marine predators across the North American Arctic”. In: *Diversity And Distributions* 25, pp. 328–345. DOI: 10.1111/ddi.12860.

Publication Year 2018

- Abong'o, Bernard et al. (2018). "Host Decoy Trap (HDT) with cattle odour is highly effective for collection of exophagic malaria vectors". In: *Parasites And Vectors* 11. DOI: 10.1186/s13071-018-3099-7.
- Aeberhard, William H., Joanna Mills Flemming, and Anders Nielsen (2018a). "Review of State-Space Models for Fisheries Science". In: *Annual Review Of Statistics And Its Application, Vol 5* 5, pp. 215–235. DOI: 10.1146/annurev-statistics-031017-100427.
- (2018b). "Review of State-Space Models for Fisheries Science". In: *Annual Review Of Statistics And Its Application, Vol 5* 5, pp. 215–235. DOI: 10.1146/annurev-statistics-031017-100427.
- Aguirrebengoa, Martin et al. (2018). "Transgenerational effects of ungulates and pre-dispersal seed predators on offspring success and resistance to herbivory". In: *Plos One* 13. DOI: 10.1371/journal.pone.0207553.
- Ahmed, Kareem Eldin Mohammed et al. (2018). "LC-MS/MS based profiling and dynamic modelling of the steroidogenesis pathway in adrenocarcinoma H295R cells". In: *Toxicology In Vitro* 52, pp. 332–341. DOI: 10.1016/j.tiv.2018.07.002.
- Albertsen, Christoffer Moesgaard, Anders Nielsen, and Uffe Hogsbro Thygesen (2018). "Connecting single-stock assessment models through correlated survival". In: *Ices Journal Of Marine Science* 75, pp. 235–244. DOI: 10.1093/icesjms/fsx114.
- Andersson, Jon et al. (2018). "Tree cavity densities and characteristics in managed and unmanaged Swedish boreal forest". In: *Scandinavian Journal Of Forest Research* 33, pp. 233–244. DOI: 10.1080/02827581.2017.1360389.
- Aponte, Eduardo A. et al. (2018). "Inhibition failures and late errors in the antisaccade task: influence of cue delay". In: *Journal Of Neurophysiology* 120, pp. 3001–3016. DOI: 10.1152/jn.00240.2018.
- Atkinson, Emma M. et al. (2018). "Oust the louse: leaping behaviour removes sea lice from wild juvenile sockeye salmon *Oncorhynchus nerka*". In: *Journal Of Fish Biology* 93, pp. 263–271. DOI: 10.1111/jfb.13684.
- Atwater, Daniel Z. et al. (2018). "Evidence for fine-scale habitat specialisation in an invasive weed". In: *Journal Of Plant Ecology* 11, pp. 189–199. DOI: 10.1093/jpe/rtw124.

- Austin, Lauren V. et al. (2018). “Bat Activity Following Restoration Prescribed Burning in the Central Appalachian Upland and Riparian Habitats”. In: *Natural Areas Journal* 38, pp. 183–195.
- Auty, David et al. (2018). “Effects of early respacing on the density and microfibril angle of Sitka spruce wood”. In: *Forestry* 91, pp. 307–319. DOI: 10.1093/forestry/cpx004.
- Bacci, Giovanni et al. (2018). “Applying predictive models to decipher rhizobacterial modifications in common reed die-back affected populations”. In: *Science Of The Total Environment* 642, pp. 708–722. DOI: 10.1016/j.scitotenv.2018.06.066.
- Bartual, Agustin M. et al. (2018). “Local and landscape factors affect sunflower pollination in a Mediterranean agroecosystem”. In: *Plos One* 13. DOI: 10.1371/journal.pone.0203990.
- Barua, Suman, Arni Magnusson, and Nasiruddin Md Humayun (2018a). “Assessment of offshore shrimp stocks of Bangladesh based on commercial shrimp trawl logbook data”. In: *Indian Journal Of Fisheries* 65, pp. 1–6. DOI: 10.21077/ijf.2018.65.1.61384-01.
- (2018b). “Assessment of offshore shrimp stocks of Bangladesh based on commercial shrimp trawl logbook data”. In: *Indian Journal Of Fisheries* 65, pp. 1–6. DOI: 10.21077/ijf.2018.65.1.61384-01.
- Bastias, Daniel A. et al. (2018). “The plant hormone salicylic acid interacts with the mechanism of anti-herbivory conferred by fungal endophytes in grasses”. In: *Plant Cell And Environment* 41, pp. 395–405. DOI: 10.1111/pce.13102.
- Bell, Bradley M. and Kasper Kristensen (2018). “Newton step methods for AD of an objective defined using implicit functions”. In: *Optimization Methods And Software* 33, pp. 907–923. DOI: 10.1080/10556788.2017.1406936.
- Benhaiem, Sarah et al. (2018). “Robustness of Eco-Epidemiological Capture-Recapture Parameter Estimates to Variation in Infection State Uncertainty”. In: *Frontiers In Veterinary Science* 5. DOI: 10.3389/fvets.2018.00197.
- Bogdziewicz, Michal et al. (2018). “Effectiveness of predator satiation in masting oaks is negatively affected by conspecific density”. In: *Oecologia* 186, pp. 983–993. DOI: 10.1007/s00442-018-4069-7.
- Brandes, Meike, Udo Heimbach, and Bernd Ulber (2018a). “Effects of thiacloprid, tau-fluvalinate and lambda-cyhalothrin on overwintered pollen beetles (*Brassicogethes aeneus* (Fabricius)) and their offspring in oilseed

- rape". In: *Arthropod-Plant Interactions* 12, pp. 823–833. DOI: 10.1007/s11829-018-9621-1.
- Brandes, Meike, Udo Heimbach, and Bernd Ulber (2018b). "Impact of insecticides on oilseed rape bud infestation with eggs and larvae of pollen beetle (*Brassicogethes aeneus* (Fabricius))". In: *Arthropod-Plant Interactions* 12, pp. 811–821. DOI: 10.1007/s11829-018-9616-y.
- Brenden, Travis O., Iyob Tsehay, et al. (2018). "Indexing recruitment for source populations contributing to mixed fisheries by incorporating age in genetic stock identification models". In: *Canadian Journal Of Fisheries And Aquatic Sciences* 75, pp. 934–954. DOI: 10.1139/cjfas-2016-0525.
- Brown, Norah E. M. et al. (2018). "Natural acidification changes the timing and rate of succession, alters community structure, and increases homogeneity in marine biofouling communities". In: *Global Change Biology* 24, E112–E127. DOI: 10.1111/gcb.13856.
- Budischak, Sarah A. et al. (2018). "Differential host responses to parasitism shape divergent fitness costs of infection". In: *Functional Ecology* 32, pp. 324–333. DOI: 10.1111/1365-2435.12951.
- Buedingen, Fiona von et al. (2018). "Changes in prescribed medicines in older patients with multimorbidity and polypharmacy in general practice". In: *Bmc Family Practice* 19. DOI: 10.1186/s12875-018-0825-3.
- Carruthers, Thomas, Laurence Kell, and Carlos Palma (2018). "Accounting for uncertainty due to data processing in virtual population analysis using Bayesian multiple imputation". In: *Canadian Journal Of Fisheries And Aquatic Sciences* 75, pp. 883–896. DOI: 10.1139/cjfas-2017-0165.
- Cavieres, Joaquin and Orietta Nicolis (2018). "Using a spatio-temporal Bayesian approach to estimate the relative abundance index of yellow squat lobster (*Cervimunida johni*) off Chile". In: *Fisheries Research* 208, pp. 97–104. DOI: 10.1016/j.fishres.2018.07.002.
- Chang, Andrew L. et al. (2018). "Upstream-Downstream Shifts in Peak Recruitment of the Native *Olympia* Oyster in San Francisco Bay During Wet and Dry Years". In: *Estuaries And Coasts* 41, pp. 65–78. DOI: 10.1007/s12237-016-0182-1.
- Chartrand, Kathryn M. et al. (2018). "Living at the margins - The response of deep-water seagrasses to light and temperature renders them susceptible to acute impacts". In: *Marine Environmental Research* 136, pp. 126–138. DOI: 10.1016/j.marenvres.2018.02.006.
- Chen, Shu et al. (2018). "Determining threatened species distributions in the face of limited data: Spatial conservation prioritization for the Chinese

- giant salamander (*Andrias davidianus*)". In: *Ecology And Evolution* 8, pp. 3098–3108. DOI: 10.1002/ece3.3862.
- Citores, Leire, Leire Ibaibarriaga, and Ernesto Jardim (2018). "Uncertainty estimation and model selection in stock assessment models with non-parametric effects on fishing mortality". In: *Ices Journal Of Marine Science* 75, pp. 585–595. DOI: 10.1093/icesjms/fsx175.
- Clay, Thomas A. et al. (2018). "Distribution and Habitat Use of a Cryptic Small Cetacean, the Burmeister's Porpoise, Monitored From a Small-Scale Fishery Platform". In: *Frontiers In Marine Science* 5. DOI: 10.3389/fmars.2018.00220.
- Cox, Amelia R., Shelley E. Arnott, and Howard P. Riessen (2018). "Nonlinear effects of aqueous calcium concentration on antipredator response in *Daphnia*". In: *Hydrobiologia* 820, pp. 79–89. DOI: 10.1007/s10750-018-3640-x.
- Craiu, Radu V. and Thierry Duchesne (2018). "A scalable and efficient covariate selection criterion for mixed effects regression models with unknown random effects structure". In: *Computational Statistics And Data Analysis* 117, pp. 154–161. DOI: 10.1016/j.csda.2017.07.011.
- Cunningham, Curry J. et al. (2018). "A general model for salmon run reconstruction that accounts for interception and differences in availability to harvest". In: *Canadian Journal Of Fisheries And Aquatic Sciences* 75, pp. 439–451. DOI: 10.1139/cjfas-2016-0360.
- Cusick, Jessica A. et al. (2018). "How do helpers help? Helper contributions throughout the nesting cycle in the cooperatively breeding brown-headed nuthatch". In: *Behavioral Ecology And Sociobiology* 72. DOI: 10.1007/s00265-018-2470-1.
- Dalrymple, Ursula, Rohan Arambepola, et al. (2018). "How long do rapid diagnostic tests remain positive after anti-malarial treatment?" In: *Malaria Journal* 17. DOI: 10.1186/s12936-018-2371-9.
- Davis, Barbara L., Florence Chenu, and Hoyoung Yi (2018). "Phonological selection patterns in early words: A preliminary cross-linguistic investigation". In: *Canadian Journal Of Linguistics-Revue Canadienne De Linguistique* 63, pp. 556–579. DOI: 10.1017/cnj.2018.11.
- Davis, Barbara, Suzanne Van der Feest, and Hoyoung Yi (2018). "Speech sound characteristics of early words: influence of phonological factors across vocabulary development". In: *Journal Of Child Language* 45, pp. 673–702. DOI: 10.1017/S0305000917000484.

- Dawson, Daniel E. et al. (2018). “Investigating behavioral drivers of seasonal Shiga-Toxigenic Escherichia Coli (STEC) patterns in grazing cattle using an agent-based model”. In: *Plos One* 13. DOI: 10.1371/journal.pone.0205418.
- Diquelou, Marie C., Geoff R. MacFarlane, and Andrea S. Griffin (2018). “Investigating responses to control: a comparison of common myna behaviour across areas of high and low trapping pressure”. In: *Biological Invasions* 20, pp. 3591–3604. DOI: 10.1007/s10530-018-1798-9.
- Dolder, Paul J., James T. Thorson, and Coilin Minto (2018). “Spatial separation of catches in highly mixed fisheries”. In: *Scientific Reports* 8. DOI: 10.1038/s41598-018-31881-w.
- Doogan, Nathan J. et al. (2018). “The role of travel distance and price promotions in tobacco product purchase quantity”. In: *Health And Place* 51, pp. 151–157. DOI: 10.1016/j.healthplace.2018.03.009.
- Dorji, Tsechoe, Kelly A. Hopping, et al. (2018). “Grazing and spring snow counteract the effects of warming on an alpine plant community in Tibet through effects on the dominant species”. In: *Agricultural And Forest Meteorology* 263, pp. 188–197. DOI: 10.1016/j.agrformet.2018.08.017.
- Douglas, Caitlin M. S. et al. (2018). “Identifying the determinants of tree distributions along a large ephemeral river”. In: *Ecosphere* 9. DOI: 10.1002/ecs2.2223.
- Du, Sherry N. N. et al. (2018). “Metabolic Costs of Exposure to Wastewater Effluent Lead to Compensatory Adjustments in Respiratory Physiology in Bluegill Sunfish”. In: *Environmental Science And Technology* 52, pp. 801–811. DOI: 10.1021/acs.est.7b03745.
- Dubs, Florence et al. (2018). “Positive effects of wheat variety mixtures on aboveground arthropods are weak and variable”. In: *Basic And Applied Ecology* 33, pp. 66–78. DOI: 10.1016/j.baae.2018.07.008.
- Dudek, Benjamin M. et al. (2018). “PREVALENCE AND RISK FACTORS OF TRICHOMONAS GALLINAE AND TRICHOMONOSIS IN GOLDEN EAGLE (AQUILA CHRYSAETOS) NESTLINGS IN WESTERN NORTH AMERICA”. In: *Journal Of Wildlife Diseases* 54, pp. 755–764. DOI: 10.7589/2017-11-271.
- Dukai, Brenton von Takach, David B. Lindenmayer, and Sam C. Banks (2018). “Environmental influences on growth and reproductive maturation of a keystone forest tree: Implications for obligate seeder susceptibility

- ity to frequent fire”. In: *Forest Ecology And Management* 411, pp. 108–119. DOI: 10.1016/j.foreco.2018.01.014.
- Dworkin, Emily R., Jennifer Cadigan, et al. (2018). “Sexual Identity of Drinking Companions, Drinking Motives, and Drinking Behaviors Among Young Sexual Minority Women: An Analysis of Daily Data”. In: *Psychology Of Addictive Behaviors* 32, pp. 540–551. DOI: 10.1037/adb0000384.
- Dworkin, Emily R., Sarah E. Ullman, et al. (2018). “Proximal relationships between social support and PTSD symptom severity: A daily diary study of sexual assault survivors”. In: *Depression And Anxiety* 35, pp. 43–49. DOI: 10.1002/da.22679.
- Dwyer-Lindgren, Laura, Amelia Bertozzi-Villa, Rebecca W. Stubbs, Chloe Morozoff, Shreya Shirude, Jorgen Unutzer, et al. (2018). “Trends and Patterns of Geographic Variation in Mortality From Substance Use Disorders and Intentional Injuries Among US Counties, 1980-2014”. In: *Jama-Journal Of The American Medical Association* 319, pp. 1013–1023. DOI: 10.1001/jama.2018.0900.
- Dwyer-Lindgren, Laura, Ellen R. Squires, et al. (2018). “Small area estimation of under-5 mortality in Bangladesh, Cameroon, Chad, Mozambique, Uganda, and Zambia using spatially misaligned data”. In: *Population Health Metrics* 16. DOI: 10.1186/s12963-018-0171-7.
- El Bcheraoui, Charbel et al. (2018). “Trends and Patterns of Differences in Infectious Disease Mortality Among US Counties, 1980-2014”. In: *Jama-Journal Of The American Medical Association* 319, pp. 1248–1260. DOI: 10.1001/jama.2018.2089.
- Fairchild, Tom P. et al. (2018). “Multiple dimensions of biodiversity drive human interest in tide pool communities”. In: *Scientific Reports* 8. DOI: 10.1038/s41598-018-33155-x.
- Fanali, Lara Zacari et al. (2018). “Effects of benzo[a]pyrene on the blood and liver of *Physalaemus cuvieri* and *Leptodactylus fuscus* (Anura: Leptodactylidae)”. In: *Environmental Pollution* 237, pp. 93–102. DOI: 10.1016/j.envpol.2018.02.030.
- Finda, Marceline F. et al. (2018). “Dramatic decreases of malaria transmission intensities in Ifakara, south-eastern Tanzania since early 2000s”. In: *Malaria Journal* 17. DOI: 10.1186/s12936-018-2511-2.
- Firth, Josh A. et al. (2018). “Spatial, temporal and individual-based differences in nest-site visits and subsequent reproductive success in wild great tits”. In: *Journal Of Avian Biology* 49. DOI: 10.1111/jav.01740.

- Forrest, Robyn E., Kendra R. Holt, and A. Robert Kronlund (2018). "Performance of alternative harvest control rules for two Pacific groundfish stocks with uncertain natural mortality: Bias, robustness and trade-offs". In: *Fisheries Research* 206, pp. 259–286. DOI: 10.1016/j.fishres.2018.04.007.
- Franco-Belussi, L., C. De Oliveira, and H. N. Skoeld (2018). "Regulation of eye and jaw colouration in three-spined stickleback *Gasterosteus aculeatus*". In: *Journal Of Fish Biology* 92, pp. 1788–1804. DOI: 10.1111/jfb.13620.
- Franco-Belussi, Lilian, Lara Zacari Fanali, and Classius De Oliveira (2018). "UV-B affects the immune system and promotes nuclear abnormalities in pigmented and non-pigmented bullfrog tadpoles". In: *Journal Of Photochemistry And Photobiology B-Biology* 180, pp. 109–117. DOI: 10.1016/j.jphotobiol.2018.01.022.
- Freitas, Matheus O., Marilia Previero, et al. (2018). "Reproductive biology and management of two commercially important groupers in the SW Atlantic". In: *Environmental Biology Of Fishes* 101, pp. 79–94. DOI: 10.1007/s10641-017-0682-2.
- French, Sarah K. and Shannon J. McCauley (2018). "Canopy cover affects habitat selection by adult dragonflies". In: *Hydrobiologia* 818, pp. 129–143. DOI: 10.1007/s10750-018-3600-5.
- Gamelon, Marlene et al. (2018). "Environmental drivers of varying selective optima in a small passerine: A multivariate, multiepisodic approach". In: *Evolution* 72, pp. 2325–2342. DOI: 10.1111/evo.13610.
- Garbett, Rebecca et al. (2018). "Raptor population trends in northern Botswana: A re-survey of road transects after 20 years". In: *Biological Conservation* 224, pp. 87–99. DOI: 10.1016/j.biocon.2018.05.020.
- Gatti, Felipe Donateli et al. (2018). "Longhorn Beetle (Coleoptera: Cerambycidae) Assemblage and the Structural Heterogeneity of Habitat at the Brazilian Atlantic Forest". In: *Environmental Entomology* 47, pp. 1413–1419. DOI: 10.1093/ee/nvy158.
- Gleiser, G. et al. (2018). "Phenological match drives pollen-mediated gene flow in a temporally dimorphic tree". In: *Plant Biology* 20, pp. 93–100. DOI: 10.1111/plb.12651.
- Godwin, Joanne L., Lewis G. Spurgin, et al. (2018). "Lineages evolved under stronger sexual selection show superior ability to invade conspecific competitor populations". In: *Evolution Letters* 2, pp. 511–523. DOI: 10.1002/evl3.80.

- Goodsman, Devin W. et al. (2018). “The effect of warmer winters on the demography of an outbreak insect is hidden by intraspecific competition”. In: *Global Change Biology* 24, pp. 3620–3628. DOI: 10.1111/gcb.14284.
- Goullaud, Elizabeth L., Devin R. De Zwaan, and Kathy Martin (2018). “Predation risk-induced adjustments in provisioning behavior for Horned Lark (*Eremophila alpestris*) in British Columbia”. In: *Wilson Journal Of Ornithology* 130, pp. 180–190.
- Greene, Lydia K., Erin A. McKenney, et al. (2018). “The critical role of dietary foliage in maintaining the gut microbiome and metabolome of folivorous sifakas”. In: *Scientific Reports* 8. DOI: 10.1038/s41598-018-32759-7.
- Grontvedt, Randi N., Anja B. Kristoffersen, and Peder A. Jansen (2018). “Reduced exposure of farmed salmon to salmon louse (*Lepeophtheirus salmonis* L.) infestation by use of plankton nets: Estimating the shielding effect”. In: *Aquaculture* 495, pp. 865–872. DOI: 10.1016/j.aquaculture.2018.06.069.
- Grunst, Melissa L. et al. (2018). “Multiple signaling functions of song in a polymorphic species with alternative reproductive strategies”. In: *Ecology And Evolution* 8, pp. 1369–1383. DOI: 10.1002/ece3.3702.
- Gruss, Arnaud, Christopher Biggs, et al. (2018). “Prioritizing monitoring and conservation efforts for fish spawning aggregations in the US Gulf of Mexico”. In: *Scientific Reports* 8. DOI: 10.1038/s41598-018-26898-0.
- Gruss, Arnaud, Michael D. Drexler, et al. (2018). “Producing Distribution Maps for a Spatially-Explicit Ecosystem Mode Using Large Monitoring and Environmental Databases and a Combination of Interpolation and Extrapolation”. In: *Frontiers In Marine Science* 5. DOI: 10.3389/fmars.2018.00016.
- Gruss, Arnaud, Holly A. Perryman, et al. (2018). “Monitoring programs of the US Gulf of Mexico: inventory, development and use of a large monitoring database to map fish and invertebrate spatial distributions”. In: *Reviews In Fish Biology And Fisheries* 28, pp. 667–691. DOI: 10.1007/s11160-018-9525-2.
- Gruss, Arnaud, James T. Thorson, et al. (2018). “Producing distribution maps for informing ecosystem-based fisheries management using a comprehensive survey database and spatio-temporal models”. In: *Ices Journal Of Marine Science* 75, pp. 158–177. DOI: 10.1093/icesjms/fsx120.

- Hall, L. Embere and Anna D. Chalfoun (2018). “What to eat in a warming world: do increased temperatures necessitate hazardous duty pay?” In: *Oecologia* 186, pp. 73–84. DOI: 10.1007/s00442-017-3993-2.
- Halstead, Neal T. et al. (2018). “Agrochemicals increase risk of human schistosomiasis by supporting higher densities of intermediate hosts”. In: *Nature Communications* 9. DOI: 10.1038/s41467-018-03189-w.
- Hardesty-Moore, Molly et al. (2018). “Migration in the Anthropocene: how collective navigation, environmental system and taxonomy shape the vulnerability of migratory species”. In: *Philosophical Transactions Of The Royal Society B-Biological Sciences* 373. DOI: 10.1098/rstb.2017.0017.
- Harris, Rachel L. et al. (2018). “Costs of injury for scent signalling in a strepsirrhine primate”. In: *Scientific Reports* 8. DOI: 10.1038/s41598-018-27322-3.
- Harrison, Anne L. et al. (2018). “Scale-dependent habitat selection by wintering geese: implications for landscape management”. In: *Biodiversity And Conservation* 27, pp. 167–188. DOI: 10.1007/s10531-017-1427-4.
- Hennequin, Alexandre et al. (2018). “Does the Visual Channel Improve the Perception of Consonants Produced by Speakers of French With Down Syndrome?” In: *Journal Of Speech Language And Hearing Research* 61, pp. 957–972. DOI: 10.1044/2017_JSLHR-H-17-0112.
- Hing, Martin L. et al. (2018). “Repeated cyclone events reveal potential causes of sociality in coral-dwelling Gobiodon fishes”. In: *Plos One* 13. DOI: 10.1371/journal.pone.0202407.
- Hocking, Daniel J. et al. (2018). “A geostatistical state-space model of animal densities for stream networks”. In: *Ecological Applications* 28, pp. 1782–1796. DOI: 10.1002/eap.1767.
- Holmes, Jennifer S. et al. (2018). “Identifying Municipal Risk Factors for Leftist Guerrilla Violence in Colombia”. In: *Peace Economics Peace Science And Public Policy* 24. DOI: 10.1515/peps-2017-0009.
- Horova, S. and L. Judas (2018). “Monte Carlo modelling of clinical accelerator beams and estimation of primary electron beam parameters”. In: *Radioprotection* 53, pp. 61–66. DOI: 10.1051/radiopro/2018001.
- Hyun, S. -Y. (2018). “A general production model with dependence between data from multiple surveys”. In: *Journal Of Applied Ichthyology* 34, pp. 601–609. DOI: 10.1111/jai.13622.
- Indermaur, Adrian et al. (2018). “Mouth dimorphism in scale-eating cichlid fish from Lake Tanganyika advances individual fitness”. In: *Evolution* 72, pp. 1962–1969. DOI: 10.1111/evo.13552.

- Jesus Gil-Lopez, Manuel, Jose Gabriel Segarra-Moragues, and Fernando Ojeda (2018). “Floristic distinctiveness and endemic richness of woody plants highlight the biodiversity value of the heathlands among all Mediterranean heathlands”. In: *Plant Ecology And Diversity* 11, pp. 111–119. DOI: 10.1080/17550874.2018.1443351.
- Kach, Heidi et al. (2018). “Rapid evolution of symbiont-mediated resistance compromises biological control of aphids by parasitoids”. In: *Evolutionary Applications* 11, pp. 220–230. DOI: 10.1111/eva.12532.
- Kalberer, Stephanie et al. (2018). “Reproductive performance of a tropical apex predator in an unpredictable habitat”. In: *Behavioral Ecology And Sociobiology* 72. DOI: 10.1007/s00265-018-2521-7.
- Kathena, J. N. et al. (2018). “Data-moderate assessments of Cape monkfish *Lophius vomerinus* and west coast sole *Austroglossus microlepis* in Namibian waters”. In: *African Journal Of Marine Science* 40, pp. 293–302. DOI: 10.2989/1814232X.2018.1512527.
- Keijser, Bart J. F. et al. (2018). “The Impact of Maltitol-Sweetened Chewing Gum on the Dental Plaque Biofilm Microbiota Composition”. In: *Frontiers In Microbiology* 9. DOI: 10.3389/fmicb.2018.00381.
- Kelly, Ruth, W. Ian Montgomery, and Neil Reid (2018). “Differences in soil chemistry remain following wildfires on temperate heath and blanket bog sites of conservation concern”. In: *Geoderma* 315, pp. 20–26. DOI: 10.1016/j.geoderma.2017.11.016.
- Ketzler, Lorraine P., Christopher E. Comer, and Daniel J. Twedt (2018). “Bat community response to silvicultural treatments in bottomland hardwood forests managed for wildlife in the Mississippi Alluvial Valley”. In: *Forest Ecology And Management* 417, pp. 40–48. DOI: 10.1016/j.foreco.2018.02.047.
- Kim, Kyuhan and Saang-Yoon Hyun (2018). “A Length-based Analysis of Recruitment Variability in the Korean Pollock Population under Data-limited Conditions”. In: *Ocean Science Journal* 53, pp. 535–555. DOI: 10.1007/s12601-018-0038-7.
- Kinze, Douglas, George M. Watters, and Christian S. Reiss (2018). “Parameter estimation using randomized phases in an integrated assessment model for Antarctic krill”. In: *Plos One* 13. DOI: 10.1371/journal.pone.0202545.
- Kleppe, Tore Selland (2018). “Modified Cholesky Riemann Manifold Hamiltonian Monte Carlo: exploiting sparsity for fast sampling of high-dimensional

- targets”. In: *Statistics And Computing* 28, pp. 795–817. DOI: 10.1007/s11222-017-9763-5.
- Kneebone, Jeff et al. (2018). “An assessment of juvenile sand tiger (*Carcharias taurus*) activity patterns in a seasonal nursery using accelerometer transmitters”. In: *Environmental Biology Of Fishes* 101, pp. 1739–1756. DOI: 10.1007/s10641-018-0821-4.
- Koenig, Adam M. and Brittany H. Ousterhout (2018). “Behavioral syndrome persists over metamorphosis in a pond-breeding amphibian”. In: *Behavioral Ecology And Sociobiology* 72. DOI: 10.1007/s00265-018-2595-2.
- Krishnadas, Meghna and Liza S. Comita (2018). “Influence of soil pathogens on early regeneration success of tropical trees varies between forest edge and interior”. In: *Oecologia* 186, pp. 259–268. DOI: 10.1007/s00442-017-4006-1.
- Kurali, Aniko et al. (2018). “Resource-dependent temporal changes in antipredator behavior of common toad (*Bufo bufo*) tadpoles”. In: *Behavioral Ecology And Sociobiology* 72. DOI: 10.1007/s00265-018-2503-9.
- Kurihara, Yosuke and Goro Hanya (2018). “Within-Population Variations in Home Range Use and Food Patch Use of Japanese Macaques: A Perspective of Intergroup Hostility”. In: *Folia Primatologica* 89, pp. 397–414. DOI: 10.1159/000493574.
- Lacoeuilhe, Aurelie et al. (2018). “The Relative Effects of Local and Landscape Characteristics of Hedgerows on Bats”. In: *Diversity-Basel* 10. DOI: 10.3390/d10030072.
- Lambert, Sebastien et al. (2018). “High Shedding Potential and Significant Individual Heterogeneity in Naturally-Infected Alpine ibex (*Capra ibex*) With *Brucella melitensis*”. In: *Frontiers In Microbiology* 9. DOI: 10.3389/fmicb.2018.01065.
- Lamprecht, Andrea et al. (2018). “Climate change leads to accelerated transformation of high-elevation vegetation in the central Alps”. In: *New Phytologist* 220, pp. 447–459. DOI: 10.1111/nph.15290.
- Langrock, Roland et al. (2018). “Spline-based nonparametric inference in general state-switching models”. In: *Statistica Neerlandica* 72, pp. 179–200. DOI: 10.1111/stan.12133.
- Laszlo, Zoltan, Laszlo Rakosy, and Bela Tothmeresz (2018). “The simpler the better: When decreasing landscape complexity increases community stability”. In: *Ecological Indicators* 84, pp. 828–836. DOI: 10.1016/j.ecolind.2017.09.054.

- Leach, Heather and Rufus Isaacs (2018). “Seasonal Occurrence of Key Arthropod Pests and Beneficial Insects in Michigan High Tunnel and Field Grown Raspberries”. In: *Environmental Entomology* 47, pp. 567–574. DOI: 10.1093/ee/nvy030.
- Lee, Qi and Andre E. Punt (2018). “Extracting a time-varying climate-driven growth index from otoliths for use in stock assessment models”. In: *Fisheries Research* 200, pp. 93–103. DOI: 10.1016/j.fishres.2017.12.014.
- Lerman, Susannah B. et al. (2018). “To mow or to mow less: Lawn mowing frequency affects bee abundance and diversity in suburban yards”. In: *Biological Conservation* 221, pp. 160–174. DOI: 10.1016/j.biocon.2018.01.025.
- Lestang, Simon de (2018). “Could warming oceans and increased lobster biomass rates be affecting growth rates in Australia’s largest lobster fishery?” In: *Bulletin Of Marine Science* 94, pp. 1055–1075. DOI: 10.5343/bms.2017.1100.
- Li, Michael, Jonathan Dushoff, and Benjamin M. Bolker (2018). “Fitting mechanistic epidemic models to data: A comparison of simple Markov chain Monte Carlo approaches”. In: *Statistical Methods In Medical Research* 27, pp. 1956–1967. DOI: 10.1177/0962280217747054.
- Li, Yang, James R. Bence, and Travis O. Brenden (2018). “Can spawning origin information of catch or a recruitment penalty improve assessment and fishery management performance for a spatially structured stock assessment model?” In: *Canadian Journal Of Fisheries And Aquatic Sciences* 75, pp. 2136–2148. DOI: 10.1139/cjfas-2017-0523.
- Lloyd, Kelvin, Valerie Fay, and Luke Easton (2018). “Experimental translocations of the threatened New Zealand plants *Carex inopinata* Cook (Cyperaceae) and *Simplicia laxa* Kirk (Poaceae)”. In: *New Zealand Journal Of Ecology* 42, pp. 214–221. DOI: 10.20417/nzjecol.42.12.
- Lovich, Jeffrey E. et al. (2018). “Spatial distribution of estuarine diamond-backed terrapins (*Malaclemys terrapin*) and risk analysis from commercial blue crab (*Callinectes sapidus*) trapping at the Savannah Coastal Refuges Complex, USA”. In: *Ocean And Coastal Management* 157, pp. 160–167. DOI: 10.1016/j.ocecoaman.2018.02.012.
- Luis Charro, Jose, Aida Lopez-Sanchez, and Ramon Perea (2018). “Traditional cattle vs. introduced deer management in Chaco Serrano woodlands (Argentina): Analysis of environmental sustainability at increasing densities”. In: *Journal Of Environmental Management* 206, pp. 642–649. DOI: 10.1016/j.jenvman.2017.11.007.

- Martin, Callum D., Michelle T. Fountain, and Mark J. F. Brown (2018). “Bumblebee olfactory learning affected by task allocation but not by a trypanosome parasite”. In: *Scientific Reports* 8. DOI: 10.1038/s41598-018-24007-9.
- Masoero, Giulia et al. (2018). “Food hoarding of an avian predator: sex- and age-related differences under fluctuating food conditions”. In: *Behavioral Ecology And Sociobiology* 72. DOI: 10.1007/s00265-018-2571-x.
- McHugh, Niamh M., Belinda L. Bown, and Jasmine E. Clark (2018). “Use of field margins managed under an agri-environment scheme by foraging Barn Swallows *Hirundo rustica*”. In: *Bird Study* 65, pp. 329–337. DOI: 10.1080/00063657.2018.1506736.
- Melvin, April M. et al. (2018). “Fuel-reduction management alters plant composition, carbon and nitrogen pools, and soil thaw in Alaskan boreal forest”. In: *Ecological Applications* 28, pp. 149–161. DOI: 10.1002/eap.1636.
- Mendoza, Sandra Petrone, Martin Lascoux, and Sylvain Glemin (2018). “Competitive ability of *Capsella* species with different mating systems and ploidy levels”. In: *Annals Of Botany* 121, pp. 1257–1264. DOI: 10.1093/aob/mcy014.
- Meredith, Stephanie L. (2018). “Sex-Typed Social Development in *Lemur catta*”. In: *Folia Primatologica* 89, pp. 224–239. DOI: 10.1159/000487433.
- Merritt, Jennifer R. et al. (2018). “Rapid effects of estradiol on aggression depend on genotype in a species with an estrogen receptor polymorphism”. In: *Hormones And Behavior* 98, pp. 210–218. DOI: 10.1016/j.yhbeh.2017.11.014.
- Merwin, A. C. and A. R. Yilmaz (2018). “Diel flight pattern and size-dependent flight speed of kudzu bug, *Megacopta cribraria* (Fabricius)”. In: *Journal Of Applied Entomology* 142, pp. 305–310. DOI: 10.1111/jen.12472.
- Meyer-Gutbrod, Erin L. and Charles H. Greene (2018). “Uncertain recovery of the North Atlantic right whale in a changing ocean”. In: *Global Change Biology* 24, pp. 455–464. DOI: 10.1111/gcb.13929.
- Miller, Timothy J. and Saang-Yoon Hyun (2018a). “Evaluating evidence for alternative natural mortality and process error assumptions using a state-space, age-structured assessment model”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 75, pp. 691–703. DOI: 10.1139/cjfas-2017-0035.
- (2018b). “Evaluating evidence for alternative natural mortality and process error assumptions using a state-space, age-structured assessment

- model". In: *Canadian Journal Of Fisheries And Aquatic Sciences* 75, pp. 691–703. DOI: 10.1139/cjfas-2017-0035.
- Miller, Timothy J., Loretta O'Brien, and Paula S. Fratantoni (2018). "Temporal and environmental variation in growth and maturity and effects on management reference points of Georges Bank Atlantic cod". In: *Canadian Journal Of Fisheries And Aquatic Sciences* 75, pp. 2159–2171. DOI: 10.1139/cjfas-2017-0124.
- Millon, Lara et al. (2018). "Wind turbines impact bat activity, leading to high losses of habitat use in a biodiversity hotspot". In: *Ecological Engineering* 112, pp. 51–54. DOI: 10.1016/j.ecoleng.2017.12.024.
- Mondain-Monval, Thomas O. and Stuart P. Sharp (2018). "Burrow depth, carbon dioxide and reproductive success in Sand Martins *Riparia riparia*". In: *Bird Study* 65, pp. 123–131. DOI: 10.1080/00063657.2018.1438363.
- Monnahan, Cole C. and Kasper Kristensen (2018a). "No-U-turn sampling for fast Bayesian inference in ADMB and TMB: Introducing the *adnuts* and *tmbstan* R packages". In: *Plos One* 13. DOI: 10.1371/journal.pone.0197954.
- (2018b). "No-U-turn sampling for fast Bayesian inference in ADMB and TMB: Introducing the *adnuts* and *tmbstan* R packages". In: *Plos One* 13. DOI: 10.1371/journal.pone.0197954.
- Monnahan, Cole C. and Ian J. Stewart (2018). "The effect of hook spacing on longline catch rates: Implications for catch rate standardization". In: *Fisheries Research* 198, pp. 150–158. DOI: 10.1016/j.fishres.2017.10.004.
- Moore, I. et al. (2018). "The influence of aquaculture unit proximity on the pattern of *Lepeophtheirus salmonis* infection of anadromous *Salmo trutta* populations on the isle of Skye, Scotland". In: *Journal Of Fish Biology* 92, pp. 1849–1865. DOI: 10.1111/jfb.13625.
- Morales, Laura V. et al. (2018). "Differential seedling regeneration patterns across forest-grassland ecotones in two tropical treeline species (*Polylepis* spp.)". In: *Austral Ecology* 43, pp. 514–526. DOI: 10.1111/aec.12588.
- Morelli, Federico, Yanina Benedetti, Timothy A. Mousseau, et al. (2018). "Ionizing radiation and taxonomic, functional and evolutionary diversity of bird communities". In: *Journal Of Environmental Management* 220, pp. 183–190. DOI: 10.1016/j.jenvman.2018.05.032.
- Morelli, Federico, Yanina Benedetti, and Petra Simova (2018). "Landscape metrics as indicators of avian diversity and community measures". In:

- Ecological Indicators* 90, pp. 132–141. DOI: 10.1016/j.ecolind.2018.03.011.
- Morelli, Federico, Peter Mikula, Yanina Benedetti, Raphael Bussiere, Leszek Jerzak, et al. (2018). “Escape behaviour of birds in urban parks and cemeteries across Europe: Evidence of behavioural adaptation to human activity”. In: *Science Of The Total Environment*, pp. 803–810. DOI: 10.1016/j.scitotenv.2018.03.118.
- Morelli, Federico, Peter Mikula, Yanina Benedetti, Raphael Bussiere, and Piotr Tryjanowski (2018). “Cemeteries support avian diversity likewise urban parks in European cities: Assessing taxonomic, evolutionary and functional diversity”. In: *Urban Forestry And Urban Greening* 36, pp. 90–99. DOI: 10.1016/j.ufug.2018.10.011.
- Mulatier, Margaux et al. (2018). “Effect of DEET-multiple exposures on behavior and life history traits in the malaria mosquito *Anopheles gambiae* (s.s.)” In: *Parasites And Vectors* 11. DOI: 10.1186/s13071-018-3024-0.
- Murphy, James T., Louis J. Rugolo, and Benjamin J. Turnock (2018). “Estimation of annual, time-varying natural mortality and survival for Eastern Bering Sea snow crab (*Chionoecetes opilio*) with state-space population models”. In: *Fisheries Research* 205, pp. 122–131. DOI: 10.1016/j.fishres.2018.04.001.
- Nafus, Melia G. et al. (2018). “Passive restoration following ungulate removal in a highly disturbed tropical wet forest devoid of native seed dispersers”. In: *Restoration Ecology* 26, pp. 331–337. DOI: 10.1111/rec.12559.
- Nishie, Hitonaru and Michio Nakamura (2018). “A newborn infant chimpanzee snatched and cannibalized immediately after birth: Implications for maternity leave in wild chimpanzee”. In: *American Journal Of Physical Anthropology* 165, pp. 194–199. DOI: 10.1002/ajpa.23327.
- Norden, Bjorn, John Bjarne Jordal, and Marianne Evju (2018). “Can large unmanaged trees replace ancient pollarded trees as habitats for lichenized fungi, non-lichenized fungi and bryophytes?” In: *Biodiversity And Conservation* 27, pp. 1095–1114. DOI: 10.1007/s10531-017-1482-x.
- Ojikutu, Bisola O. et al. (2018). “Mass incarceration and the impact of prison release on HIV diagnoses in the US South”. In: *Plos One* 13. DOI: 10.1371/journal.pone.0198258.
- Okamura, Hiroshi, Yuuho Yamashita, Momoko Ichinokawa, and Shota Nishijima (2018). “Comparison of the performance of age-structured models with few survey indices”. In: *Ices Journal Of Marine Science* 75, pp. 2016–2024. DOI: 10.1093/icesjms/fsy126.

- Ono, Kotaro et al. (2018). “Multispecies acoustic dead-zone correction and bias ratio estimates between acoustic and bottom-trawl data”. In: *Ices Journal Of Marine Science* 75, pp. 361–373. DOI: 10.1093/icesjms/fsx115.
- Pardee, Gabriella L., David W. Inouye, and Rebecca E. Irwin (2018). “Direct and indirect effects of episodic frost on plant growth and reproduction in subalpine wildflowers”. In: *Global Change Biology* 24, pp. 848–857. DOI: 10.1111/gcb.13865.
- Parker, Alison J., Neal M. Williams, and James D. Thomson (2018). “Geographic patterns and pollination ecotypes in *Claytonia virginica*”. In: *Evolution* 72, pp. 202–210. DOI: 10.1111/evo.13381.
- Paulo, Jessica T. et al. (2018). “Suppression of Plant Defenses by Herbivorous Mites Is Not Associated with Adaptation to Host Plants”. In: *International Journal Of Molecular Sciences* 19. DOI: 10.3390/ijms19061783.
- Paxton, Avery B. and Derek Smith (2018). “Visual cues from an underwater illusion increase relative abundance of highly reef-associated fish on an artificial reef”. In: *Marine And Freshwater Research* 69, pp. 614–619. DOI: 10.1071/MF17179.
- Perretti, Charles T. and Christopher M. Legault (2018). “When does smoothing the output of index-based stock assessments improve estimates of fish population biomass?” In: *Fisheries Research* 207, pp. 1–8. DOI: 10.1016/j.fishres.2018.05.024.
- Plaganyi, Eva et al. (2018). “Evaluating an empirical harvest control rule for the Torres Strait *Panulirus ornatus* tropical rock lobster fishery”. In: *Bulletin Of Marine Science* 94, pp. 1095–1120. DOI: 10.5343/bms.2017.1101.
- Popovic, Milos (2018). “Inter-Rebel Alliances in the Shadow of Foreign Sponsors”. In: *International Interactions* 44, pp. 749–776. DOI: 10.1080/03050629.2017.1414812.
- Povilus, Rebecca A., Pamela K. Diggle, and William E. Friedman (2018). “Evidence for parent-of-origin effects and interparental conflict in seeds of an ancient flowering plant lineage”. In: *Proceedings Of The Royal Society B-Biological Sciences* 285. DOI: 10.1098/rspb.2017.2491.
- Puehringer-Sturmayr, Verena et al. (2018). “Seasonal differences of corticosterone metabolite concentrations and parasite burden in northern bald ibis (*Geronticus eremita*): The role of affiliative interactions”. In: *Plos One* 13. DOI: 10.1371/journal.pone.0191441.

- Punt, Andre E., Daniel K. Okamoto, et al. (2018). “When are estimates of spawning stock biomass for small pelagic fishes improved by taking spatial structure into account?” In: *Fisheries Research* 206, pp. 65–78. DOI: 10.1016/j.fishres.2018.04.017.
- Pynegar, Edwin L. et al. (2018). “The effectiveness of Payments for Ecosystem Services at delivering improvements in water quality: lessons for experiments at the landscape scale”. In: *Peerj* 6. DOI: 10.7717/peerj.5753.
- Quiroz, Zaida C. and Marcos O. Prates (2018). “Bayesian spatio-temporal modelling of anchovy abundance through the SPDE Approach”. In: *Spatial Statistics* 28, pp. 236–256. DOI: 10.1016/j.spasta.2018.08.005.
- Ramey Rob R., II, Joseph L. Thorley, and Alexander S. Ivey (2018). “Local and population-level responses of Greater sage-grouse to oil and gas development and climatic variation in Wyoming”. In: *Peerj* 6. DOI: 10.7717/peerj.5417.
- Reif, Jiri et al. (2018). “Competition-driven niche segregation on a landscape scale: Evidence for escaping from syntopy towards allotopy in two coexisting sibling passerine species”. In: *Journal Of Animal Ecology* 87, pp. 774–789. DOI: 10.1111/1365-2656.12808.
- Reisch, Christoph, Christoph Schmid, and Florian Hartig (2018). “A comparison of methods for estimating plant population size”. In: *Biodiversity And Conservation* 27, pp. 2021–2028. DOI: 10.1007/s10531-018-1522-1.
- Rinne, Henna et al. (2018). “Functionality of potential macroalgal indicators in the northern Baltic Sea”. In: *Aquatic Botany* 149, pp. 52–60. DOI: 10.1016/j.aquabot.2018.05.006.
- Rivkin, L. R., Spencer C. H. Barrett, and Marc T. J. Johnson (2018). “The effects of plant sexual system and latitude on resistance to herbivores”. In: *American Journal Of Botany* 105, pp. 977–985. DOI: 10.1002/ajb2.1098.
- Robinson, Lauren M. et al. (2018). “Rhesus macaque personality, dominance, behavior, and health”. In: *American Journal Of Primatology* 80. DOI: 10.1002/ajp.22739.
- Rodriguez-Planes, Lucia I. et al. (2018). “Habitat-Specific Occupancy and a Metapopulation Model of *Triatoma sordida* (Hemiptera: Reduviidae), a Secondary Vector of Chagas Disease, in Northeastern Argentina”. In: *Journal Of Medical Entomology* 55, pp. 370–381. DOI: 10.1093/jme/tjx227.

- Roman, Catalina et al. (2018). “Spatio-temporal migratory dynamics of *Jasus frontalis* (Milne Edwards, 1837) in Alexander Selkirk Island, Juan Fernandez archipelago, Chile”. In: *Plos One* 13. DOI: 10.1371/journal.pone.0200146.
- Ronka, K. et al. (2018). “Can multiple-model mimicry explain warning signal polymorphism in the wood tiger moth, *Arctia plantaginis* (Lepidoptera: Erebidae)?” In: *Biological Journal Of The Linnean Society* 124, pp. 237–260.
- Roop, Hunter J., Neelam C. Poudyal, and Cecil A. Jennings (2018). “Assessing Angler Effort, Catch, and Harvest on a Spatially Complex, Multi-Lake Fishery in Middle Georgia”. In: *North American Journal Of Fisheries Management* 38, pp. 833–841. DOI: 10.1002/nafm.10179.
- Rudd, Merrill B. and James T. Thorson (2018). “Accounting for variable recruitment and fishing mortality in length-based stock assessments for data-limited fisheries”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 75, pp. 1019–1035. DOI: 10.1139/cjfas-2017-0143.
- Salek, Martin et al. (2018). “Bringing diversity back to agriculture: Smaller fields and non-crop elements enhance biodiversity in intensively managed arable farmlands”. In: *Ecological Indicators* 90, pp. 65–73. DOI: 10.1016/j.ecolind.2018.03.001.
- Salmona, Joe, Kelly M. Dixon, and Sam C. Banks (2018). “The effects of fire history on hollow-bearing tree abundance in montane and subalpine eucalypt forests in southeastern Australia”. In: *Forest Ecology And Management* 428, pp. 93–103. DOI: 10.1016/j.foreco.2018.06.026.
- Sann, Christina et al. (2018). “Hopper parasitoids do not significantly benefit from non-crop habitats in rice production landscapes”. In: *Agriculture Ecosystems And Environment* 254, pp. 224–232. DOI: 10.1016/j.agee.2017.11.035.
- Scribner, Kim et al. (2018). “Hatchery Strain Contributions to Emerging Wild Lake Trout Populations in Lake Huron”. In: *Journal Of Heredity* 109, pp. 675–688. DOI: 10.1093/jhered/esy029.
- Seeber, Peter A. et al. (2018). “Environmental stressors may cause equine herpesvirus reactivation in captive Grevy’s zebras (*Equus grevyi*)”. In: *Peerj* 6. DOI: 10.7717/peerj.5422.
- Shaver, John H. et al. (2018). “The Boundaries of Trust: Cross-Religious and Cross-Ethnic Field Experiments in Mauritius”. In: *Evolutionary Psychology* 16. DOI: 10.1177/1474704918817644.

- Shen, Yan and Yuxing Dai (2018). “Fast Automatic Differentiation for Large Scale Bundle Adjustment”. In: *Ieee Access* 6, pp. 11146–11153. DOI: 10.1109/ACCESS.2018.2812173.
- Silva, Pedro Giovani da, Malva Isabel Medina Hernandez, and Jani Heino (2018). “Disentangling the correlates of species and site contributions to beta diversity in dung beetle assemblages”. In: *Diversity And Distributions* 24, pp. 1674–1686. DOI: 10.1111/ddi.12785.
- Silverthorn, Veronica M. et al. (2018). “An assessment of run-of-river hydroelectric dams on mountain stream ecosystems using the American dipper as an avian indicator”. In: *Ecological Indicators* 93, pp. 942–951. DOI: 10.1016/j.ecolind.2018.05.086.
- Sinnemaki, Kaius and Francesca Di Garbo (2018). “Language Structures May Adapt to the Sociolinguistic Environment, but It Matters What and How You Count: A Typological Study of Verbal and Nominal Complexity”. In: *Frontiers In Psychology* 9. DOI: 10.3389/fpsyg.2018.01141.
- Siviter, Harry, Mark J. F. Brown, and Ellouise Leadbeater (2018). “Sulfoxaflo exposure reduces bumblebee reproductive success”. In: *Nature* 561, pp. 109–+. DOI: 10.1038/s41586-018-0430-6.
- Skanberg, Lena et al. (2018). “Cage size affects comfort, safety and the experienced security of working dogs in cars”. In: *Applied Animal Behaviour Science* 205, pp. 132–140. DOI: 10.1016/j.applanim.2018.05.028.
- Sougoufara, Seynabou et al. (2018). “The Impact of Periodic Distribution Campaigns of Long-Lasting Insecticidal-Treated Bed Nets on Malaria Vector Dynamics and Human Exposure in Dielmo, Senegal”. In: *American Journal Of Tropical Medicine And Hygiene* 98, pp. 1343–1352. DOI: 10.4269/ajtmh.17-0009.
- Starik, Nicole et al. (2018). “Bat community responses to structural habitat complexity resulting from management practices within different land use types - a case study from north-eastern Germany”. In: *Acta Chiropterologica* 20, pp. 387–405. DOI: 10.3161/15081109ACC2018.20.2.010.
- Stephenson, Jessica F., Sarah E. Perkins, and Joanne Cable (2018). “Transmission risk predicts avoidance of infected conspecifics in Trinidadian guppies”. In: *Journal Of Animal Ecology* 87, pp. 1525–1533. DOI: 10.1111/1365-2656.12885.
- Stirrup, O. T. et al. (2018). “Predictors of CD4 cell recovery following initiation of antiretroviral therapy among HIV-1 positive patients with well-estimated dates of seroconversion”. In: *Hiv Medicine* 19, pp. 184–194. DOI: 10.1111/hiv.12567.

- Subbey, Sam (2018). “Parameter estimation in stock assessment modelling: caveats with gradient-based algorithms”. In: *Ices Journal Of Marine Science* 75, pp. 1553–1559. DOI: 10.1093/icesjms/fsy044.
- Sunshine, Jacob E. et al. (2018). “Alcohol-impaired driving in US counties, 2002-2012”. In: *Population Health Metrics* 16. DOI: 10.1186/s12963-018-0158-4.
- Szigeti, Viktor et al. (2018). “Temporal changes in floral resource availability and flower visitation in a butterfly”. In: *Arthropod-Plant Interactions* 12, pp. 177–189. DOI: 10.1007/s11829-017-9585-6.
- Szipl, Georgine, Eva Ringler, and Thomas Bugnyar (2018). “Attacked ravens flexibly adjust signalling behaviour according to audience composition”. In: *Proceedings Of The Royal Society B-Biological Sciences* 285. DOI: 10.1098/rspb.2018.0375.
- Szuwalski, Cody S., James N. Ianelli, and Andre E. Punt (2018). “Reducing retrospective patterns in stock assessment and impacts on management performance”. In: *Ices Journal Of Marine Science* 75, pp. 596–609. DOI: 10.1093/icesjms/fsx159.
- Takkis, Krista, Thomas Tscheulin, and Theodora Petanidou (2018). “Differential Effects of Climate Warming on the Nectar Secretion of Early- and Late-Flowering Mediterranean Plants”. In: *Frontiers In Plant Science* 9. DOI: 10.3389/fpls.2018.00874.
- Thiele, Jan et al. (2018). “Connectivity or area: what drives plant species richness in habitat corridors?” In: *Landscape Ecology* 33, pp. 173–181. DOI: 10.1007/s10980-017-0606-8.
- Thorson, James T. (2018). “Three problems with the conventional delta-model for biomass sampling data, and a computationally efficient alternative”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 75, pp. 1369–1382. DOI: 10.1139/cjfas-2017-0266.
- Thorson, James T., Mark D. Scheuerell, et al. (2018). “Spatial heterogeneity contributes more to portfolio effects than species variability in bottom-associated marine fishes”. In: *Proceedings Of The Royal Society B-Biological Sciences* 285. DOI: 10.1098/rspb.2018.0915.
- Tocco, Claudia, Jonathan Balmer, and Martin Villet (2018). “Trophic preference of southern African dung beetles (Scarabaeoidea: Scarabaeinae and Aphodiinae) and its influence on bioindicator surveys”. In: *African Journal Of Ecology* 56, pp. 938–948. DOI: 10.1111/aje.12523.

- Toll, Katherine and John H. Willis (2018). “Hybrid inviability and differential submergence tolerance drive habitat segregation between two congeneric monkeyflowers”. In: *Ecology* 99, pp. 2776–2786. DOI: 10.1002/ecy.2529.
- Tryjanowski, Piotr and Federico Morelli (2018). “Effects of habitat and time of day on flock size of Turkey Vultures in Cuba (*Cathartes aura*)”. In: *Zookeys*, pp. 79–86. DOI: 10.3897/zookeys.726.14581.
- Tryjanowski, Piotr, Federico Morelli, et al. (2018). “Functional significance of cuckoo *Cuculus canorus* calls: responses of conspecifics, hosts and non-hosts”. In: *Peerj* 6. DOI: 10.7717/peerj.5302.
- Tulloch, Vivitskaia J. D. et al. (2018). “Ecosystem modelling to quantify the impact of historical whaling on Southern Hemisphere baleen whales”. In: *Fish And Fisheries* 19, pp. 117–137. DOI: 10.1111/faf.12241.
- Turner, Julie W., Patrick S. Bills, and Kay E. Holekamp (2018). “Ontogenetic change in determinants of social network position in the spotted hyena”. In: *Behavioral Ecology And Sociobiology* 72. DOI: 10.1007/s00265-017-2426-x.
- Turner, Trudy R. et al. (2018). “Morphological variation in the genus *Chlorocebus*: Ecogeographic and anthropogenically mediated variation in body mass, postcranial morphology, and growth”. In: *American Journal Of Physical Anthropology* 166, pp. 682–707. DOI: 10.1002/ajpa.23459.
- Urbanowicz, Christine, Ross A. Virginia, and Rebecca E. Irwin (2018). “Pollen limitation and reproduction of three plant species across a temperature gradient in western Greenland”. In: *Arctic Antarctic And Alpine Research* 50. DOI: 10.1080/15230430.2017.1414485.
- Van Wilgenburg, Steven L. et al. (2018). “Temporal changes in avian abundance in aspen-dominated boreal mixedwood forests of central Saskatchewan, Canada”. In: *Avian Conservation And Ecology* 13. DOI: 10.5751/ACE-01145-130103.
- Veliz de Vos, Monica et al. (2018). “left sentences processing in Spanish: effects of age, working memory, syntactic complexity and a concurrent memory load”. In: *Alpha-Revista De Artes Letras Y Filosofia*, pp. 175–197.
- Vincenzi, Simone, Man Jesensek, and Alain J. Crivelli (2018). “A framework for estimating the determinants of spatial and temporal variation in vital rates and inferring the occurrence of unobserved extreme events”. In: *Royal Society Open Science* 5. DOI: 10.1098/rsos.171087.
- Wagner, S. et al. (2018). “Diversity and seasonal abundances of mosquitoes at potential arboviral transmission sites in two different climate zones in

- Switzerland". In: *Medical And Veterinary Entomology* 32, pp. 175–185. DOI: 10.1111/mve.12292.
- Wakabayashi, Kae et al. (2018). "Floral-induced and constitutive defense against florivory: a comparison of chemical traits in 12 herb species". In: *Plant Ecology* 219, pp. 985–997. DOI: 10.1007/s11258-018-0851-1.
- Wells, David A. et al. (2018). "A high-quality pedigree and genetic markers both reveal inbreeding depression for quality but not survival in a cooperative mammal". In: *Molecular Ecology* 27, pp. 2271–2288. DOI: 10.1111/mec.14570.
- Weston-Price, S. et al. (2018). "A multi-variable analysis of four factors affecting caries levels among five-year-old children; deprivation, ethnicity, exposure to fluoridated water and geographic region". In: *Community Dental Health* 35, pp. 217–+. DOI: 10.1922/CDH_4383Weston-Price06.
- Wetzel, William C., Nicholas C. Afitto, and Jennifer S. Thaler (2018). "Plant genotypic diversity interacts with predation risk to influence an insect herbivore across its ontogeny". In: *Ecology* 99, pp. 2338–2347. DOI: 10.1002/ecy.2472.
- Widerberg, Maria Koch et al. (2018). "Oaks retained in production spruce forests help maintain saproxylic beetle diversity in southern Scandinavian landscapes". In: *Forest Ecology And Management* 417, pp. 257–264. DOI: 10.1016/j.foreco.2018.02.048.
- Winfree, Michael M. et al. (2018). "Landcover and geomorphology influence streamwater temperature sensitivity in salmon bearing watersheds in Southeast Alaska". In: *Environmental Research Letters* 13. DOI: 10.1088/1748-9326/aac4c0.
- Winton, Megan V., Gavin Fay, et al. (2018). "Estimating the distribution and relative density of satellite-tagged loggerhead sea turtles using geo-statistical mixed effects models". In: *Marine Ecology Progress Series* 586, pp. 217–232. DOI: 10.3354/meps12396.
- Winton, Megan V., Jeff Kneebone, et al. (2018). "A spatial point process model to estimate individual centres of activity from passive acoustic telemetry data". In: *Methods In Ecology And Evolution* 9, pp. 2262–2272. DOI: 10.1111/2041-210X.13080.
- Wollin, Martin et al. (2018). "The effects of football match congestion in an international tournament on hip adductor squeeze strength and pain in elite youth players". In: *Journal Of Sports Sciences* 36, pp. 1167–1172. DOI: 10.1080/02640414.2017.1363452.

- Wood, Corlett W. et al. (2018). “Genetic conflict with a parasitic nematode disrupts the legume-rhizobia mutualism”. In: *Evolution Letters* 2, pp. 233–245. DOI: 10.1002/evl3.51.
- Woolley, Leigh-Ann et al. (2018). “Cyclones, fire, and termites: The drivers of tree hollow abundance in northern Australia’s mesic tropical savanna”. In: *Forest Ecology And Management* 419, pp. 146–159. DOI: 10.1016/j.foreco.2018.03.034.
- Wor, Catarina, Murdoch K. McAllister, et al. (2018). “A Lagrangian approach to model movement of migratory species”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 75, pp. 1203–1214. DOI: 10.1139/cjfas-2017-0093.
- Wor, Catarina, Brett van Poorten, et al. (2018). “Stock reduction analysis using catch-at-length data: Length-SRA”. In: *Fisheries Research* 208, pp. 124–132. DOI: 10.1016/j.fishres.2018.07.010.
- Wright, Boyd R. and Roderick J. Fensham (2018). “Fire timing in relation to masting: an important determinant of post-fire recruitment success for the obligate-seeding arid zone soft spinifex (*Triodia pungens*)”. In: *Annals Of Botany* 121, pp. 119–128. DOI: 10.1093/aob/mcx136.
- Wynne-Jones, Gwenllian et al. (2018). “Effectiveness and costs of a vocational advice service to improve work outcomes in patients with musculoskeletal pain in primary care: a cluster randomised trial (SWAP trial ISRCTN 52269669)”. In: *Pain* 159, pp. 128–138. DOI: 10.1097/j.pain.0000000000001075.
- Xingan and Guiming Wang (2018). “Spatiotemporal dynamics of mesocarnivore populations”. In: *Wildlife Biology*. DOI: 10.2981/wlb.00429.
- Xu, Haikun, Timothy J. Miller, et al. (2018). “Evaluating the utility of the Gulf Stream Index for predicting recruitment of Southern New England-Mid Atlantic yellowtail flounder”. In: *Fisheries Oceanography* 27, pp. 85–95. DOI: 10.1111/fog.12236.
- Ylisirnio, Anna-Liisa and Ville Hallikainen (2018). “Retention patches maintain diversity of epiphytic and epixylic indicator lichens more effectively than solitary trees”. In: *Scandinavian Journal Of Forest Research* 33, pp. 320–331. DOI: 10.1080/02827581.2017.1415370.
- Yrjola, Rauno A. et al. (2018). “Can common forest bird species tolerate disturbances in neighbouring areas? A case study of the Vuosaari Harbour construction in southern Finland”. In: *Ornis Fennica* 95, pp. 49–60.
- Zacks, Georgina et al. (2018). “The flooding tolerance of two critical habitat-forming wetland shrubs, *Leptospermum lanigerum* and *Melaleuca squar-*

- rosa, at different life history stages”. In: *Australian Journal Of Botany* 66, pp. 500–510. DOI: 10.1071/BT18039.
- Zegras, P. Christopher et al. (2018). “Assessing the representativeness of a smartphone-based household travel survey in Dar es Salaam, Tanzania”. In: *Transportation* 45, pp. 335–363. DOI: 10.1007/s11116-017-9851-6.
- Zele, F. et al. (2018). “Can Wolbachia modulate the fecundity costs of Plasmodium in mosquitoes?” In: *Parasitology* 145, pp. 775–782. DOI: 10.1017/S0031182017001330.
- Zimmermann, Fabian, Daniel Ricard, and Mikko Heino (2018). “Density regulation in Northeast Atlantic fish populations: Density dependence is stronger in recruitment than in somatic growth”. In: *Journal Of Animal Ecology* 87, pp. 672–681. DOI: 10.1111/1365-2656.12800.
- Zwaan, Devin R. de and Kathy Martin (2018). “Substrate and structure of ground nests have fitness consequences for an alpine songbird”. In: *Ibis* 160, pp. 790–804. DOI: 10.1111/ibi.12582.

Publication Year 2017

- Adamic, Matevz et al. (2017). “Long-term use of uneven-aged silviculture in mixed mountain Dinaric forests: a comparison of old-growth and managed stands”. In: *Forestry* 90, pp. 279–291. DOI: 10.1093/forestry/cpw052.
- Ailloud, Lisa E. et al. (2017). “Improving growth estimates for Western Atlantic bluefin tuna using an integrated modeling approach”. In: *Fisheries Research* 191, pp. 17–24. DOI: 10.1016/j.fishres.2017.02.013.
- Albertsen, Christoffer Moesgaard, Anders Nielsen, and Uffe Hogsbro Thygesen (2017). “Choosing the observational likelihood in state-space stock assessment models”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 74, pp. 779–789. DOI: 10.1139/cjfas-2015-0532.
- Alexiades, Alexander V., Alexander S. Flecker, and Clifford E. Kraft (2017). “Nonnative fish stocking alters stream ecosystem nutrient dynamics”. In: *Ecological Applications* 27, pp. 956–965. DOI: 10.1002/eap.1498.
- Allen, Shanae D. et al. (2017). “Temporally varying natural mortality: Sensitivity of a virtual population analysis and an exploration of alternatives”. In: *Fisheries Research* 185, pp. 185–197. DOI: 10.1016/j.fishres.2016.09.002.
- Alonso-Fernandez, Alexandre, Jaime Otero, Rafael Banon, Jose Manuel Campeños, et al. (2017). “Sex ratio variation in an exploited population of common octopus: ontogenic shifts and spatio-temporal dynamics”. In: *Hydrobiologia* 794, pp. 1–16. DOI: 10.1007/s10750-016-3065-3.
- Archer, E. K. et al. (2017). “The Distribution of Gastrointestinal Parasites in Two Populations of Common Mole-Rats (*Cryptomys hottentotus hottentotus*)”. In: *Journal Of Parasitology* 103, pp. 786–790. DOI: 10.1645/17-62.
- Argyropoulos, Christos et al. (2017). “Modeling bias and variation in the stochastic processes of small RNA sequencing”. In: *Nucleic Acids Research* 45. DOI: 10.1093/nar/gkx199.
- Auger-Methe, Marie, Christoffer M. Albertsen, et al. (2017a). “Spatiotemporal modelling of marine movement data using Template Model Builder (TMB)”. In: *Marine Ecology Progress Series* 565, pp. 237–249. DOI: 10.3354/meps12019.
- (2017b). “Spatiotemporal modelling of marine movement data using Template Model Builder (TMB)”. In: *Marine Ecology Progress Series* 565, pp. 237–249. DOI: 10.3354/meps12019.

- Austel, Nadine et al. (2017). “Influence of fumigants on sunflower seeds: Characteristics of fumigant desorption and changes in volatile profiles”. In: *Journal Of Hazardous Materials* 337, pp. 138–147. DOI: 10.1016/j.jhazmat.2017.04.070.
- Baktoft, Henrik et al. (2017). “Positioning of aquatic animals based on time-of-arrival and random walk models using YAPS (Yet Another Positioning Solver)”. In: *Scientific Reports* 7. DOI: 10.1038/s41598-017-14278-z.
- Baldacchino, Frederic, Francesca Bussola, et al. (2017). “An integrated pest control strategy against the Asian tiger mosquito in northern Italy: a case study”. In: *Pest Management Science* 73, pp. 87–93. DOI: 10.1002/ps.4417.
- Baldacchino, Frederic, Matteo Marcantonio, et al. (2017). “Mapping of *Aedes albopictus* Abundance at a Local Scale in Italy”. In: *Remote Sensing* 9. DOI: 10.3390/rs9070749.
- Balzan, Mario V. (2017). “Flowering banker plants for the delivery of multiple agroecosystem services”. In: *Arthropod-Plant Interactions* 11, pp. 743–754. DOI: 10.1007/s11829-017-9544-2.
- Banks, Sam C. et al. (2017). “Where do animals come from during post-fire population recovery? Implications for ecological and genetic patterns in post-fire landscapes”. In: *Ecography* 40, pp. 1325–1338. DOI: 10.1111/ecog.02251.
- Batori, Zoltan et al. (2017). “Large- and small-scale environmental factors drive distributions of cool-adapted plants in karstic microrefugia”. In: *Annals Of Botany* 119, pp. 301–309. DOI: 10.1093/aob/mcw233.
- Bautista, Carlos et al. (2017). “Patterns and correlates of claims for brown bear damage on a continental scale”. In: *Journal Of Applied Ecology* 54, pp. 282–292. DOI: 10.1111/1365-2664.12708.
- Berger, Aaron M., Daniel R. Goethel, et al. (2017a). “Space oddity: The mission for spatial integration”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 74, pp. 1698–1716. DOI: 10.1139/cjfas-2017-0150.
- (2017b). “Space oddity: The mission for spatial integration”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 74, pp. 1698–1716. DOI: 10.1139/cjfas-2017-0150.
- Bernaldez-Sanchez, Eloisa et al. (2017). “BONE LOSS FROM CARCASSES IN MEDITERRANEAN ECOSYSTEMS”. In: *Palaeos* 32, pp. 288–294. DOI: 10.2110/palo.2016.047.
- Bhattacharya, Monisha, Kavita Isvaran, and Rohini Balakrishnan (2017). “A statistical approach to understanding reproductive isolation in two

- sympatric species of tree crickets”. In: *Journal Of Experimental Biology* 220, pp. 1222–1232. DOI: 10.1242/jeb.146852.
- Blaszczyk, Maryjka B. (2017). “Boldness towards novel objects predicts predator inspection in wild vervet monkeys”. In: *Animal Behaviour* 123, pp. 91–100. DOI: 10.1016/j.anbehav.2016.10.017.
- Blowes, Shane A., Morgan S. Pratchett, and Sean R. Connolly (2017). “No change in subordinate butterflyfish diets following removal of behaviourally dominant species”. In: *Coral Reefs* 36, pp. 213–222. DOI: 10.1007/s00338-016-1529-6.
- Bolstad, Geir H. et al. (2017). “Gene flow from domesticated escapes alters the life history of wild Atlantic salmon”. In: *Nature Ecology And Evolution* 1. DOI: 10.1038/s41559-017-0124.
- Bonnot, Nadege C. et al. (2017). “Stick or twist: roe deer adjust their flight behaviour to the perceived trade-off between risk and reward”. In: *Animal Behaviour* 124, pp. 35–46. DOI: 10.1016/j.anbehav.2016.11.031.
- Botterill-James, Thomas et al. (2017). “Family aggression in a social lizard”. In: *Scientific Reports* 7. DOI: 10.1038/s41598-017-03531-0.
- Briard, Lea, Jean-Louis Deneubourg, and Odile Petit (2017). “How stallions influence the dynamic of collective movements in two groups of domestic horses, from departure to arrival”. In: *Behavioural Processes* 142, pp. 56–63. DOI: 10.1016/j.beproc.2017.05.014.
- Brooks, L. E. and K. G. Field (2017). “Global model fitting to compare survival curves for faecal indicator bacteria and ruminant-associated genetic markers”. In: *Journal Of Applied Microbiology* 122, pp. 1704–1713. DOI: 10.1111/jam.13454.
- Brooks, Mollie E., Christopher Clements, et al. (2017). “Estimation of Individual Growth Trajectories When Repeated Measures Are Missing”. In: *American Naturalist* 190, pp. 377–388. DOI: 10.1086/692797.
- Brooks, Mollie E., Kasper Kristensen, et al. (2017). “glmmTMB Balances Speed and Flexibility Among Packages for Zero-inflated Generalized Linear Mixed Modeling”. In: *R Journal* 9, pp. 378–400.
- Brown, Julian and Alan York (2017). “Fire, food and sexual deception in the neighbourhood of some Australian orchids”. In: *Austral Ecology* 42, pp. 468–478. DOI: 10.1111/aec.12464.
- Browne, D. et al. (2017). “A general catch comparison method for multi-gear trials: application to a quad-rig trawling fishery for Nephrops”. In: *Ices Journal Of Marine Science* 74, pp. 1458–1468. DOI: 10.1093/icesjms/fsw236.

- Brugman, Victor A. et al. (2017). “How often do mosquitoes bite humans in southern England? A standardised summer trial at four sites reveals spatial, temporal and site-related variation in biting rates”. In: *Parasites And Vectors* 10. DOI: 10.1186/s13071-017-2360-9.
- Burgar, Joanna M., Vicki L. Stokes, and Michael D. Craig (2017). “Habitat features act as unidirectional and dynamic filters to bat use of production landscapes”. In: *Biological Conservation* 209, pp. 280–288. DOI: 10.1016/j.biocon.2017.02.024.
- Bussell, Emma F. van et al. (2017). “Dementia incidence trend over 1992-2014 in the Netherlands: Analysis of primary care data”. In: *Plos Medicine* 14. DOI: 10.1371/journal.pmed.1002235.
- Cadigan, Noel G. and Steven E. Campana (2017). “Hierarchical model-based estimation of population growth curves for redfish (*Sebastes mentella* and *Sebastes fasciatus*) off the Eastern coast of Canada”. In: *Ices Journal Of Marine Science* 74, pp. 687–697. DOI: 10.1093/icesjms/fsw195.
- Cadigan, Noel G., Elmer Wade, and Anders Nielsen (2017). “A spatiotemporal model for snow crab (*Chionoecetes opilio*) stock size in the southern Gulf of St. Lawrence”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 74, pp. 1808–1820. DOI: 10.1139/cjfas-2016-0260.
- Campbell, Alistair John et al. (2017). “Getting More Power from Your Flowers: Multi-Functional Flower Strips Enhance Pollinators and Pest Control Agents in Apple Orchards”. In: *Insects* 8. DOI: 10.3390/insects8030101.
- Cantoni, E., J. Mills Flemming, and A. H. Welsh (2017). “A RANDOM-EFFECTS HURDLE MODEL FOR PREDICTING BYCATCH OF ENDANGERED MARINE SPECIES”. In: *Annals Of Applied Statistics* 11, pp. 2178–2199. DOI: 10.1214/17-AOAS1074.
- Cao, Jie et al. (2017). “Spatiotemporal index standardization improves the stock assessment of northern shrimp in the Gulf of Maine”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 74, pp. 1781–1793. DOI: 10.1139/cjfas-2016-0137.
- Cappa, Flavio et al. (2017). “The effects of poaching and habitat structure on anti-predator behavioral strategies: A guanaco population in a high cold desert as case study”. In: *Plos One* 12. DOI: 10.1371/journal.pone.0184018.
- Casey, Jordan M. et al. (2017). “A test of trophic cascade theory: fish and benthic assemblages across a predator density gradient on coral reefs”. In: *Oecologia* 183, pp. 161–175. DOI: 10.1007/s00442-016-3753-8.

- Checon, Helio Herminio et al. (2017). “Mangrove vegetation decreases density but does not affect species richness and trophic structure of intertidal polychaete assemblages”. In: *Hydrobiologia* 795, pp. 169–179. DOI: 10.1007/s10750-017-3128-0.
- Chen, Yong, Yulun Liu, et al. (2017). “A composite likelihood method for bivariate meta-analysis in diagnostic systematic reviews”. In: *Statistical Methods In Medical Research* 26, pp. 914–930. DOI: 10.1177/0962280214562146.
- Clawson, Michael V. et al. (2017). “Performing Statistical Population Reconstruction Using Program PopRecon 2.0”. In: *Wildlife Society Bulletin* 41, pp. 581–589. DOI: 10.1002/wsb.790.
- Conn, Paul B., James T. Thorson, and Devin S. Johnson (2017). “Confronting preferential sampling when analysing population distributions: diagnosis and model-based triage”. In: *Methods In Ecology And Evolution* 8, pp. 1535–1546. DOI: 10.1111/2041-210X.12803.
- Costa Lima Pequeno, Pedro Aurelio et al. (2017). “Spatial abundance pattern of a common soil arthropod changes suddenly with season in a tropical rainforest”. In: *Pedobiologia* 63, pp. 46–51. DOI: 10.1016/j.pedobi.2017.07.002.
- Curkovic, Tomislav et al. (2017). “SELECTIVE ATTRACTION OF *Vespula germanica* (Hymenoptera: Vespidae) TO FEEDING BAITS ENHANCED WITH ISOBUTANOL AND ACETIC ACID”. In: *Chilean Journal Of Agricultural And Animal Sciences* 33, pp. 195–201.
- Dalrymple, Ursula, Ewan Cameron, et al. (2017). “Quantifying the contribution of *Plasmodium falciparum* malaria to febrile illness amongst African children”. In: *Elife* 6. DOI: 10.7554/eLife.29198.
- Dermauw, Veronique et al. (2017). “Effects of anthelmintic treatment and feed supplementation on parasite infections and morbidity parameters in Cambodian cattle”. In: *Veterinary Parasitology* 235, pp. 113–122. DOI: 10.1016/j.vetpar.2017.01.018.
- Diego Ibanez-Alamo, Juan et al. (2017). “Global loss of avian evolutionary uniqueness in urban areas”. In: *Global Change Biology* 23, pp. 2990–2998. DOI: 10.1111/gcb.13567.
- DiRenzo, Graziella V. et al. (2017). “Disassembly of a tadpole community by a multi-host fungal pathogen with limited evidence of recovery”. In: *Ecological Applications* 27, pp. 309–320. DOI: 10.1002/eap.1443.
- Dorken, Marcel E., Robert P. Freckleton, and John R. Pannell (2017). “Small-scale and regional spatial dynamics of an annual plant with contrasting

- sexual systems”. In: *Journal Of Ecology* 105, pp. 1044–1057. DOI: 10.1111/1365-2745.12719.
- Dufour, Valerie et al. (2017). “The Extraordinary Nature of Barney’s Drumming: A Complementary Study of Ordinary Noise Making in Chimpanzees”. In: *Frontiers In Neuroscience* 11. DOI: 10.3389/fnins.2017.00002.
- Dwyer-Lindgren, Laura, Amelia Bertozzi-Villa, Rebecca W. Stubbs, Chloe Morozoff, Shreya Shirude, Mohsen Naghavi, et al. (2017). “Trends and Patterns of Differences in Chronic Respiratory Disease Mortality Among US Counties, 1980-2014”. In: *Jama-Journal Of The American Medical Association* 318, pp. 1136–1149. DOI: 10.1001/jama.2017.11747.
- Dwyer-Lindgren, Laura, Amelia Bertozzi-Villa, Rebecca W. Stubbs, et al. (2017). “Inequalities in Life Expectancy Among US Counties, 1980 to 2014 Temporal Trends and Key Drivers”. In: *Jama Internal Medicine* 177, pp. 1003–1011. DOI: 10.1001/jamainternmed.2017.0918.
- Dwyer-Lindgren, Laura, Johan P. Mackenbach, Frank J. van Lenthe, and Ali H. Mokdad (2017). “Self-reported general health, physical distress, mental distress, and activity limitation by US county, 1995-2012”. In: *Population Health Metrics* 15. DOI: 10.1186/s12963-017-0133-5.
- Dwyer-Lindgren, Laura, Rebecca W. Stubbs, et al. (2017). “Variation in life expectancy and mortality by cause among neighbourhoods in King County, WA, USA, 1990-2014: a census tract-level analysis for the Global Burden of Disease Study 2015”. In: *Lancet Public Health* 2, E400–E410.
- Eldering, Maarten et al. (2017). “Comparative assessment of *An. gambiae* and *An. stephensi* mosquitoes to determine transmission-reducing activity of antibodies against *P-falciparum* sexual stage antigens”. In: *Parasites And Vectors* 10. DOI: 10.1186/s13071-017-2414-z.
- Fangel, Kirstin et al. (2017). “Incidental bycatch of northern fulmars in the small-vessel demersal longline fishery for Greenland halibut in coastal Norway 2012-2014”. In: *Ices Journal Of Marine Science* 74, pp. 332–342. DOI: 10.1093/icesjms/fsw149.
- Feenstra, John, Andre E. Punt, and Richard McGarvey (2017). “Inferring absolute recruitment and legal size population numbers of southern rock lobster (*Jasus edwardsii*) in South Australia’s Southern Zone fishery using extended forms of depletion modelling”. In: *Fisheries Research* 191, pp. 164–178. DOI: 10.1016/j.fishres.2017.02.019.
- Fernandez-de-Una, Laura et al. (2017). “Xylem and Leaf Functional Adjustments to Drought in *Pinus sylvestris* and *Quercus pyrenaica* at Their

- Elevational Boundary”. In: *Frontiers In Plant Science* 8. DOI: 10.3389/fpls.2017.01200.
- Fischer, Matthias et al. (2017). “Rsk2 Knockout Affects Emotional Behavior in the IntelliCage”. In: *Behavior Genetics* 47, pp. 434–448. DOI: 10.1007/s10519-017-9853-3.
- Fobert, E. K. and S. E. Swearer (2017). “The nose knows: linking sensory cue use, settlement decisions, and post-settlement survival in a temperate reef fish”. In: *Oecologia* 183, pp. 1041–1051. DOI: 10.1007/s00442-017-3843-2.
- Francis, R. I. C. Chris (2017). “Revisiting data weighting in fisheries stock assessment models”. In: *Fisheries Research* 192, pp. 5–15. DOI: 10.1016/j.fishres.2016.06.006.
- Franz, Mathias et al. (2017). “A Point Mutation in a Herpesvirus Co-Determines Neuropathogenicity and Viral Shedding”. In: *Viruses-Basel* 9. DOI: 10.3390/v9010006.
- Gaichas, Sarah K. et al. (2017). “Combining stock, multispecies, and ecosystem level fishery objectives within an operational management procedure: simulations to start the conversation”. In: *Ices Journal Of Marine Science* 74, pp. 552–565. DOI: 10.1093/icesjms/fsw119.
- Garcia-Hernandez, S. and G. Machado (2017). “Effectiveness of maternal egg attendance in an exclusively cave-dwelling harvestman (Arachnida: Opiliones)”. In: *Journal Of Zoology* 302, pp. 228–235. DOI: 10.1111/jzo.12452.
- Garner, Steven B., III Patterson William F., and Clay E. Porch (2017). “Experimental assessment of circle vs. J hook performance and selectivity in the northern Gulf of Mexico recreational reef fish fishery”. In: *Ices Journal Of Marine Science* 74, pp. 1437–1447. DOI: 10.1093/icesjms/fsx001.
- Geisner, Irene M. et al. (2017). “Does one day of drinking matter? 21st birthday drinking predicts subsequent drinking and consequences”. In: *Addictive Behaviors* 64, pp. 57–61. DOI: 10.1016/j.addbeh.2016.08.006.
- Godwin, Joanne L., Ramakrishnan Vasudeva, et al. (2017). “Experimental evolution reveals that sperm competition intensity selects for longer, more costly sperm”. In: *Evolution Letters* 1, pp. 102–113. DOI: 10.1002/evl3.13.
- Goedknecht, M. Anouk et al. (2017). “Spillover but no spillback of two invasive parasitic copepods from invasive Pacific oysters (*Crassostrea gigas*) to

- native bivalve hosts”. In: *Biological Invasions* 19, pp. 365–379. DOI: 10.1007/s10530-016-1285-0.
- Goethel, Daniel R. and Aaron M. Berger (2017). “Accounting for spatial complexities in the calculation of biological reference points: effects of misdiagnosing population structure for stock status indicators”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 74, pp. 1878–1894. DOI: 10.1139/cjfas-2016-0290.
- Gonzalez-Rivero, M. et al. (2017). “Linking fishes to multiple metrics of coral reef structural complexity using three-dimensional technology”. In: *Scientific Reports* 7. DOI: 10.1038/s41598-017-14272-5.
- Gouvras, Anouk N. et al. (2017). “Longitudinal survey on the distribution of *Biomphalaria sudanica* and *B. choanomophala* in Mwanza region, on the shores of Lake Victoria, Tanzania: implications for schistosomiasis transmission and control”. In: *Parasites And Vectors* 10. DOI: 10.1186/s13071-017-2252-z.
- Grimsditch, G. et al. (2017). “Variation in size frequency distribution of coral populations under different fishing pressures in two contrasting locations in the Indian Ocean”. In: *Marine Environmental Research* 131, pp. 146–155. DOI: 10.1016/j.marenvres.2017.09.017.
- Grinsted, Lena and Jeremy Field (2017a). “Biological markets in cooperative breeders: quantifying outside options”. In: *Proceedings Of The Royal Society B-Biological Sciences* 284. DOI: 10.1098/rspb.2017.0904.
- (2017b). “Market forces influence helping behaviour in cooperatively breeding paper wasps”. In: *Nature Communications* 8. DOI: 10.1038/ncomms13750.
- Grof-Tisza, Patrick et al. (2017). “Plant structural complexity and mechanical defenses mediate predator-prey interactions in an odonate-bird system”. In: *Ecology And Evolution* 7, pp. 1650–1659. DOI: 10.1002/ece3.2705.
- Habig, Bobby, Patrick I. Chiyo, and David C. Lahti (2017). “Male risk-taking is related to number of mates in a polygynous bird”. In: *Behavioral Ecology* 28, pp. 541–548. DOI: 10.1093/beheco/arw187.
- Hawkes, Frances et al. (2017). “Evaluation of electric nets as means to sample mosquito vectors host-seeking on humans and primates”. In: *Parasites And Vectors* 10. DOI: 10.1186/s13071-017-2277-3.
- Henning, Katrin et al. (2017). “The reproductive potential and importance of key management aspects for successful *Calluna vulgaris* rejuvenation on abandoned Continental heaths”. In: *Ecology And Evolution* 7, pp. 2091–2100. DOI: 10.1002/ece3.2816.

- Hesp, Sybrand et al. (2017). “Improving fleet efficiency to maximise economic yield in a Western Australian prawn fishery”. In: *Marine Policy* 86, pp. 82–93. DOI: 10.1016/j.marpol.2017.09.006.
- Hilborn, Ray et al. (2017). “When does fishing forage species affect their predators?” In: *Fisheries Research* 191, pp. 211–221. DOI: 10.1016/j.fishres.2017.01.008.
- Hoffmann, G. C. S. et al. (2017). “Reproductive biology of *Haemulon plumieri* in the south-western Atlantic Ocean’s most extensive reefs: implications for fisheries management”. In: *Journal Of Fish Biology* 90, pp. 2111–2124. DOI: 10.1111/jfb.13293.
- Hofmeester, Tim R. et al. (2017). “Deer presence rather than abundance determines the population density of the sheep tick, *Ixodes ricinus*, in Dutch forests”. In: *Parasites And Vectors* 10. DOI: 10.1186/s13071-017-2370-7.
- Houle, David et al. (2017). “Mutation predicts 40 million years of fly wing evolution”. In: *Nature* 548, pp. 447–+. DOI: 10.1038/nature23473.
- Hovel, Rachel A. et al. (2017). “Within-lake habitat heterogeneity mediates community response to warming trends”. In: *Ecology* 98, pp. 2333–2342. DOI: 10.1002/ecy.1944.
- Hughey, Myra C., Jesse Delia, and Lisa K. Belden (2017). “Diversity and stability of egg-bacterial assemblages: The role of paternal care in the glass-frog *Hyalinobatrachium colymbiphyllum*”. In: *Biotropica* 49, pp. 792–802. DOI: 10.1111/btp.12461.
- Hughey, Myra C., Janelle A. Pena, et al. (2017). “Skin bacterial microbiome of a generalist Puerto Rican frog varies along elevation and land use gradients”. In: *Peerj* 5. DOI: 10.7717/peerj.3688.
- Hulson, Peter-John F., Dana H. Hanselman, and S. Kalei Shotwell (2017). “Investigations into the distribution of sample sizes for determining age composition of multiple species”. In: *Fishery Bulletin* 115, pp. 326–342. DOI: 10.7755/FB.115.3.4.
- Hurskainen, Sonja, Anne Jakalaniemi, Veijo Kaitala, et al. (2017). “Temporal cycles and spatial asynchrony in the reproduction and growth of a rare nectarless orchid, *Cypripedium calceolus*”. In: *Botanical Journal Of The Linnean Society* 183, pp. 316–326. DOI: 10.1093/botlinnean/bow008.
- Hurskainen, Sonja, Anne Jakalaniemi, Satu Ramula, et al. (2017). “Tree removal as a management strategy for the lady’s slipper orchid, a flagship species for herb-rich forest conservation”. In: *Forest Ecology And Management* 406, pp. 12–18. DOI: 10.1016/j.foreco.2017.09.056.

- Huynh, Quang C. et al. (2017). “Estimating Total Mortality Rates from Mean Lengths and Catch Rates in Nonequilibrium Situations”. In: *Transactions Of The American Fisheries Society* 146, pp. 803–815. DOI: 10.1080/00028487.2017.1308881.
- Imlay, T. L., J. C. Steiner, and D. M. Bird (2017). “Age and experience affect the reproductive success of captive Loggerhead Shrike (*Lanius ludovicianus*) subspecies”. In: *Canadian Journal Of Zoology* 95, pp. 547–554. DOI: 10.1139/cjz-2015-0169.
- Jansen, T. et al. (2017). “Geostatistical modelling of the spatial life history of post-larval deepwater hake *Merluccius paradoxus* in the Benguela Current Large Marine Ecosystem”. In: *African Journal Of Marine Science* 39, pp. 349–361. DOI: 10.2989/1814232X.2017.1379437.
- Johansson, Therese et al. (2017). “Soil humidity, potential solar radiation and altitude affect boreal beetle assemblages in dead wood”. In: *Biological Conservation* 209, pp. 107–118. DOI: 10.1016/j.biocon.2017.02.004.
- Jorgensen, Terje et al. (2017). “Floated cod pots with one entrance reduce probability of escape and increase catch rates compared with pots with two entrances”. In: *Fisheries Research* 187, pp. 41–46. DOI: 10.1016/j.fishres.2016.10.016.
- Jungblut, Simon et al. (2017). “Biogeography of top predators - seabirds and cetaceans - along four latitudinal transects in the Atlantic Ocean”. In: *Deep-Sea Research Part Ii-Topical Studies In Oceanography* 141, pp. 59–73. DOI: 10.1016/j.dsr2.2017.04.005.
- Kai, Mikihiro et al. (2017a). “Predicting the spatio-temporal distributions of pelagic sharks in the western and central North Pacific”. In: *Fisheries Oceanography* 26, pp. 569–582. DOI: 10.1111/fog.12217.
- (2017b). “Spatiotemporal variation in size-structured populations using fishery data: an application to shortfin mako (*Isurus oxyrinchus*) in the Pacific Ocean”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 74, pp. 1765–1780. DOI: 10.1139/cjfas-2016-0327.
- (2017c). “Spatiotemporal variation in size-structured populations using fishery data: an application to shortfin mako (*Isurus oxyrinchus*) in the Pacific Ocean”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 74, pp. 1765–1780. DOI: 10.1139/cjfas-2016-0327.
- Kallioniemi, Eveliina et al. (2017). “Local resources, linear elements and mass-flowering crops determine bumblebee occurrences in moderately intensified farmlands”. In: *Agriculture Ecosystems And Environment* 239, pp. 90–100. DOI: 10.1016/j.agee.2016.12.039.

- Karban, Richard, Patrick Grof-Tisza, and Marcel Holyoak (2017). “Wet years have more caterpillars: interacting roles of plant litter and predation by ants”. In: *Ecology* 98, pp. 2370–2378. DOI: 10.1002/ecy.1917.
- Kegler, Pia et al. (2017). “Bacterial Biofilm Communities and Coral Larvae Settlement at Different Levels of Anthropogenic Impact in the Spermonde Archipelago, Indonesia”. In: *Frontiers In Marine Science* 4. DOI: 10.3389/fmars.2017.00270.
- Kennedy, Richard E. et al. (2017). “Life-Space Mobility Change Predicts 6-Month Mortality”. In: *Journal Of The American Geriatrics Society* 65, pp. 833–838. DOI: 10.1111/jgs.14738.
- Kern, Julie M., Philippa R. Laker, and Andrew N. Radford (2017). “Contextual variation in the alarm call responses of dwarf mongooses, *Helogale parvula*”. In: *Animal Behaviour* 127, pp. 43–51. DOI: 10.1016/j.anbehav.2017.03.002.
- Kiebach, Thomas, Christoph Scheidegger, and Ariel Bergamini (2017). “Solitary trees increase the diversity of vascular plants and bryophytes in pastures”. In: *Agriculture Ecosystems And Environment* 239, pp. 293–303. DOI: 10.1016/j.agee.2017.01.034.
- Klanderud, Kari et al. (2017). “Biotic interaction effects on seedling recruitment along bioclimatic gradients: testing the stress-gradient hypothesis”. In: *Journal Of Vegetation Science* 28, pp. 347–356. DOI: 10.1111/jvs.12495.
- Lauretta, Matthew V. and Daniel R. Goethel (2017). “The robustness of Brownie tag return models to complex spatiotemporal dynamics evaluated through simulation analysis”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 74, pp. 1845–1861. DOI: 10.1139/cjfas-2016-0291.
- Leverett, Lindsay D. (2017). “Germination phenology determines the propensity for facilitation and competition”. In: *Ecology* 98, pp. 2437–2446. DOI: 10.1002/ecy.1984.
- Lin, Gongyu et al. (2017). “A new method for loading predatory mites with entomopathogenic fungi for biological control of their prey”. In: *Biological Control* 115, pp. 105–111. DOI: 10.1016/j.biocontrol.2017.09.012.
- Little, E. et al. (2017). “Socio-Ecological Mechanisms Supporting High Densities of *Aedes albopictus* (Diptera: Culicidae) in Baltimore, MD”. In: *Journal Of Medical Entomology* 54, pp. 1183–1192. DOI: 10.1093/jme/tjx103.

- Little, Eliza, Waheed Bajwa, and Jeffrey Shaman (2017). “Local environmental and meteorological conditions influencing the invasive mosquito *Ae. albopictus* and arbovirus transmission risk in New York City”. In: *Plos Neglected Tropical Diseases* 11. DOI: 10.1371/journal.pntd.0005828.
- Liu, Xing-Rong, Yudi Pawitan, and Mark S. Clements (2017). “Generalized survival models for correlated time-to-event data”. In: *Statistics In Medicine* 36, pp. 4743–4762. DOI: 10.1002/sim.7451.
- Lopez Quintero, Freddy Omar et al. (2017). “Flexible Bayesian analysis of the von Bertalanffy growth function with the use of a log-skew-t distribution”. In: *Fishery Bulletin* 115, pp. 13–26. DOI: 10.7755/FB.115.1.2.
- Lopez-Nunez, Francisco A. et al. (2017). “Four-trophic level food webs reveal the cascading impacts of an invasive plant targeted for biocontrol”. In: *Ecology* 98, pp. 782–793. DOI: 10.1002/ecy.1701.
- Lusby, John et al. (2017). “Breeding ecology and habitat selection of Merlin *Falco columbarius* in forested landscapes”. In: *Bird Study* 64, pp. 445–454. DOI: 10.1080/00063657.2017.1408565.
- Maestrini, Bernardo et al. (2017). “Fire severity alters the distribution of pyrogenic carbon stocks across ecosystem pools in a Californian mixed-conifer forest”. In: *Journal Of Geophysical Research-Biogeosciences* 122, pp. 2338–2355. DOI: 10.1002/2017JG003832.
- Manninen, Outi H. and Anne Tolvanen (2017). “Sexual reproduction of clonal dwarf shrubs in a forest-tundra ecotone”. In: *Plant Ecology* 218, pp. 635–645. DOI: 10.1007/s11258-017-0717-y.
- Martinez-Padilla, Jesus et al. (2017). “A negative association between bromadiolone exposure and nestling body condition in common kestrels: management implications for vole outbreaks”. In: *Pest Management Science* 73, pp. 364–370. DOI: 10.1002/ps.4435.
- Mata, Cristina, Pablo Ruiz-Capillas, and Juan E. Malo (2017). “Small-scale alterations in carnivore activity patterns close to motorways”. In: *European Journal Of Wildlife Research* 63. DOI: 10.1007/s10344-017-1118-1.
- Maunder, Mark N. and Kevin R. Piner (2017). “Dealing with data conflicts in statistical inference of population assessment models that integrate information from multiple diverse data sets”. In: *Fisheries Research* 192, pp. 16–27. DOI: 10.1016/j.fishres.2016.04.022.
- McCallum, Erin S., Aneesh P. H. Bose, et al. (2017). “An evaluation of behavioural endpoints: The pharmaceutical pollutant fluoxetine decreases aggression across multiple contexts in round goby (*Neogobius melanostomus*)”.

- mus)". In: *Chemosphere* 175, pp. 401–410. DOI: 10.1016/j.chemosphere.2017.02.059.
- McCallum, Erin S., Sherry N. N. Du, et al. (2017). "In situ exposure to wastewater effluent reduces survival but has little effect on the behaviour or physiology of an invasive Great Lakes fish". In: *Aquatic Toxicology* 184, pp. 37–48. DOI: 10.1016/j.aquatox.2016.12.017.
- McGrath, Nuala and Erofil Grapsa (2017). "Does antiretroviral therapy change partnership dynamics and HIV risk behaviours among HIV-infected adults". In: *Aids* 31, pp. 1451–1460. DOI: 10.1097/QAD.0000000000001502.
- Meade, Lara et al. (2017). "Variation in the benefits of multiple mating on female fertility in wild stalk-eyed flies". In: *Ecology And Evolution* 7, pp. 10103–10115. DOI: 10.1002/ece3.3486.
- Merwin, Andrew C., Nora Underwood, and Brian D. Inouye (2017). "Increased consumer density reduces the strength of neighborhood effects in a model system". In: *Ecology* 98, pp. 2904–2913. DOI: 10.1002/ecy.200.
- Michelot, Theo et al. (2017). "Estimation and simulation of foraging trips in land-based marine predators". In: *Ecology* 98, pp. 1932–1944. DOI: 10.1002/ecy.1880.
- Miller, Timothy J. and Christopher M. Legault (2017). "Statistical behavior of retrospective patterns and their effects on estimation of stock and harvest status". In: *Fisheries Research* 186, pp. 109–120. DOI: 10.1016/j.fishres.2016.08.002.
- Mokdad, Ali H. et al. (2017). "Trends and Patterns of Disparities in Cancer Mortality Among US Counties, 1980-2014". In: *Jama-Journal Of The American Medical Association* 317, pp. 388–406. DOI: 10.1001/jama.2016.20324.
- Molkenthin, Christian et al. (2017). "Derivative-Based Global Sensitivity Analysis: Upper Bounding of Sensitivities in Seismic-Hazard Assessment Using Automatic Differentiation". In: *Bulletin Of The Seismological Society Of America* 107, pp. 984–1004. DOI: 10.1785/0120160185.
- Moller, Anders Pape et al. (2017). "Multiple species of cuckoos are superior predictors of bird species richness in Asia". In: *Ecosphere* 8. DOI: 10.1002/ecs2.2003.
- Monnahan, Cole C., James T. Thorson, and Trevor A. Branch (2017). "Faster estimation of Bayesian models in ecology using Hamiltonian Monte Carlo". In: *Methods In Ecology And Evolution* 8, pp. 339–348. DOI: 10.1111/2041-210X.12681.

- Moor, Carryn L. de, Douglas S. Butterworth, and Carl D. van der Lingen (2017). “The quantitative use of parasite data in multistock modelling of South African sardine (*Sardinops sagax*)”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 74, pp. 1895–1903. DOI: 10.1139/cjfas-2016-0280.
- Moreira, Juan I., Pablo Riba-Hernandez, and Jorge A. Lobo (2017). “Toucans (*Ramphastos ambiguus*) facilitate resilience against seed dispersal limitation to a large-seeded tree (*Virola surinamensis*) in a human-modified landscape”. In: *Biotropica* 49, pp. 502–510. DOI: 10.1111/btp.12427.
- Morgan, William H. et al. (2017). “Density dependence and environmental factors affect population stability of an agricultural pest and its specialist parasitoid”. In: *Biocontrol* 62, pp. 175–184. DOI: 10.1007/s10526-016-9777-5.
- Moriarty, Katie M. et al. (2017). “Using high-resolution short-term location data to describe territoriality in Pacific martens”. In: *Journal Of Mammalogy* 98, pp. 679–689. DOI: 10.1093/jmammal/gyx014.
- Moris, Jose V. et al. (2017). “Resilience of European larch (*Larix decidua* Mill.) forests to wildfires in the western Alps”. In: *New Forests* 48, pp. 663–683. DOI: 10.1007/s11056-017-9591-7.
- Muradian, Melissa L. et al. (2017). “Bayesian stock assessment of Pacific herring in Prince William Sound, Alaska”. In: *Plos One* 12. DOI: 10.1371/journal.pone.0172153.
- Murphy, James M. et al. (2017). “Juvenile Chinook Salmon abundance in the northern Bering Sea: Implications for future returns and fisheries in the Yukon River”. In: *Deep-Sea Research Part Ii-Topical Studies In Oceanography* 135, pp. 156–167. DOI: 10.1016/j.dsr2.2016.06.002.
- Murphy, James T., Louis J. Rugolo, and Benjamin J. Turnock (2017). “Integrating demographic and environmental variables to calculate an egg production index for the Eastern Bering Sea snow crab (*Chionoecetes opilio*)”. In: *Fisheries Research* 193, pp. 143–157. DOI: 10.1016/j.fishres.2017.04.003.
- Najberek, Kamil, Wojciech Solarz, and Damian Chmura (2017). “Do local enemies attack alien and native *Impatiens* alike?” In: *Acta Societatis Botanicorum Poloniae* 86. DOI: 10.5586/asbp.3562.
- Nakagawa, Shinichi, Paul C. D. Johnson, and Holger Schielzeth (2017). “The coefficient of determination R-2 and intra-class correlation coefficient from generalized linear mixed-effects models revisited and expanded”. In: *Journal Of The Royal Society Interface* 14. DOI: 10.1098/rsif.2017.0213.

- Nakayama, Shin-Ichiro et al. (2017). “Incorporating accessibility limitation into the surplus production model”. In: *Fisheries Science* 83, pp. 353–365. DOI: 10.1007/s12562-017-1078-0.
- Nielsen, Karina, Lars Stenseng, Ole Baltazar Andersen, et al. (2017). “The Performance and Potentials of the CryoSat-2 SAR and SARIn Modes for Lake Level Estimation”. In: *Water* 9. DOI: 10.3390/w9060374.
- Niku, Jenni et al. (2017). “Generalized Linear Latent Variable Models for Multivariate Count and Biomass Data in Ecology”. In: *Journal Of Agricultural Biological And Environmental Statistics* 22, pp. 498–522. DOI: 10.1007/s13253-017-0304-7.
- Nishijima, Shota, Chisato Nishikawa, and Tadashi Miyashita (2017). “Habitat modification by invasive crayfish can facilitate its growth through enhanced food accessibility”. In: *Bmc Ecology* 17. DOI: 10.1186/s12898-017-0147-7.
- Novara, Cristina et al. (2017). “Viability and germinability in long term storage of *Corylus avellana* pollen”. In: *Scientia Horticulturae* 214, pp. 295–303. DOI: 10.1016/j.scienta.2016.11.042.
- O’Brien, Eleanor K. et al. (2017). “Testing for local adaptation and evolutionary potential along altitudinal gradients in rainforest *Drosophila*: beyond laboratory estimates”. In: *Global Change Biology* 23, pp. 1847–1860. DOI: 10.1111/gcb.13553.
- O’Shea, William, Eva Serrano-Davies, and John L. Quinn (2017). “Do personality and innovativeness influence competitive ability? An experimental test in the great tit”. In: *Behavioral Ecology* 28, pp. 1435–1444. DOI: 10.1093/beheco/arx104.
- Ochocki, Brad M. and Tom E. X. Miller (2017). “Rapid evolution of dispersal ability makes biological invasions faster and more variable”. In: *Nature Communications* 8. DOI: 10.1038/ncomms14315.
- Ohba, Shin-Ya and Airi Maeda (2017). “Paternal care behaviour of the giant water bug *Kirkaldyia deyrolli* (Heteroptera: Belostomatidae) against ants”. In: *Ecological Entomology* 42, pp. 402–410. DOI: 10.1111/een.12398.
- Okamura, Hiroshi, Yuuho Yamashita, and Momoko Ichinokawa (2017). “Ridge virtual population analysis to reduce the instability of fishing mortalities in the terminal year”. In: *Ices Journal Of Marine Science* 74, pp. 2427–2436. DOI: 10.1093/icesjms/fsx089.

- Oliveros-Ramos, Ricardo et al. (2017). “A sequential approach to calibrate ecosystem models with multiple time series data”. In: *Progress In Oceanography* 151, pp. 227–244. DOI: 10.1016/j.pocean.2017.01.002.
- Orlandi, S. et al. (2017). “Drivers of *Setaria pumila* (Poir.) Roem. et Schult growth and impact on forage quality in lowland Switzerland meadows”. In: *Grass And Forage Science* 72, pp. 154–162. DOI: 10.1111/gfs.12200.
- Ousterhout, Brittany H. and Jacob J. Burkhart (2017). “Moving beyond the plane: measuring 3D home ranges of juvenile salamanders with passive integrated transponder (PIT) tags”. In: *Behavioral Ecology And Sociobiology* 71. DOI: 10.1007/s00265-017-2284-6.
- Owen, Kylie, Ailbhe S. Kavanagh, et al. (2017). “Potential energy gain by whales outside of the Antarctic: prey preferences and consumption rates of migrating humpback whales (*Megaptera novaeangliae*)”. In: *Polar Biology* 40, pp. 277–289. DOI: 10.1007/s00300-016-1951-9.
- Palomares, Francisco et al. (2017). “Activity and home range in a recently widespread European mink population in Western Europe”. In: *European Journal Of Wildlife Research* 63. DOI: 10.1007/s10344-017-1135-0.
- Passos, Isabel et al. (2017). “What we don’t seed: the role of long-lived seed banks as hidden legacies of invasive plants”. In: *Plant Ecology* 218, pp. 1313–1324. DOI: 10.1007/s11258-017-0770-6.
- Patterson, Toby A. et al. (2017). “Statistical modelling of individual animal movement: an overview of key methods and a discussion of practical challenges”. In: *Asta-Advances In Statistical Analysis* 101, pp. 399–438. DOI: 10.1007/s10182-017-0302-7.
- Pedersen, Martin W. and Casper W. Berg (2017). “A stochastic surplus production model in continuous time”. In: *Fish And Fisheries* 18, pp. 226–243. DOI: 10.1111/faf.12174.
- Pequeno, Pedro A. C. L. (2017). “What drives patrolling behaviour by nasute termites? A model and an empirical assessment”. In: *Ethology* 123, pp. 434–441. DOI: 10.1111/eth.12610.
- Perkins, Sarah E. et al. (2017). “Parasite community dynamics in an invasive vole - From focal introduction to wave front”. In: *International Journal For Parasitology-Parasites And Wildlife* 6, pp. 412–419. DOI: 10.1016/j.ijppaw.2017.07.005.
- Pernollet, Claire A. et al. (2017). “Seed density and waterfowl use of rice fields in Camargue, France”. In: *Journal Of Wildlife Management* 81, pp. 96–111. DOI: 10.1002/jwmg.21167.

- Peterson, Erik et al. (2017). “Use of Temperature, Humidity, and Slaughter Condemnation Data to Predict Increases in Transport Losses in Three Classes of Swine and Resulting Foregone Revenue”. In: *Frontiers In Veterinary Science* 4. DOI: 10.3389/fvets.2017.00067.
- Pilfold, Nicholas W. et al. (2017). “Migratory response of polar bears to sea ice loss: to swim or not to swim”. In: *Ecography* 40, pp. 189–199. DOI: 10.1111/ecog.02109.
- Pittarello, Marco, Alessandra Gorlier, et al. (2017). “Plant species selection by sheep in semi-natural dry grasslands extensively grazed in the south-western Italian Alps”. In: *Rangeland Journal* 39, pp. 123–131. DOI: 10.1071/RJ16068.
- Pittarello, Marco, Michele Lonati, et al. (2017). “Species-rich *Nardus stricta* grasslands host a higher vascular plant diversity on calcareous than on siliceous bedrock”. In: *Plant Ecology And Diversity* 10, pp. 343–351. DOI: 10.1080/17550874.2017.1393703.
- Potapov, Anton M. et al. (2017). “Arthropods in the subsoil: Abundance and vertical distribution as related to soil organic matter, microbial biomass and plant roots”. In: *European Journal Of Soil Biology* 82, pp. 88–97. DOI: 10.1016/j.ejsobi.2017.09.001.
- Pratchett, Morgan S. et al. (2017). “Larval Survivorship and Settlement of Crown-of-Thorns Starfish (*Acanthaster cf. solaris*) at Varying Algal Cell Densities”. In: *Diversity-Basel* 9. DOI: 10.3390/d9010002.
- Precht, Lisa, Andreas Keinath, and Josef F. Krems (2017a). “Effects of driving anger on driver behavior - Results from naturalistic driving data”. In: *Transportation Research Part F-Traffic Psychology And Behaviour* 45, pp. 75–92. DOI: 10.1016/j.trf.2016.10.019.
- (2017b). “Identifying effects of driving and secondary task demands, passenger presence, and driver characteristics on driving errors and traffic violations - Using naturalistic driving data segments preceding both safety critical events and matched baselines”. In: *Transportation Research Part F-Traffic Psychology And Behaviour* 51, pp. 103–144. DOI: 10.1016/j.trf.2017.09.003.
- (2017c). “Identifying the main factors contributing to driving errors and traffic violations - Results from naturalistic driving data”. In: *Transportation Research Part F-Traffic Psychology And Behaviour* 49, pp. 49–92. DOI: 10.1016/j.trf.2017.06.002.
- Probo, Massimiliano et al. (2017). “Restoration treatments to control *Molinia arundinacea* and woody and alien species encroachment in *Calluna vul-*

- garis heathlands at the southern edge of their distribution". In: *Biological Conservation* 211, pp. 102–109. DOI: 10.1016/j.biocon.2017.05.013.
- Quinn, Terrance J., Richard B. Deriso, and Philip D. Ganz (2017). "Combining the Cohen-Fishman growth increment model with a Box-Cox transformation". In: *Fisheries Research* 187, pp. 11–21. DOI: 10.1016/j.fishres.2016.11.001.
- Rabaoui, Lotfi et al. (2017). "Nursery habitats and life history traits of the green tiger shrimp *Penaeus semisulcatus* (De Haan, 1844) in the Saudi waters of the Arabian Gulf". In: *Fisheries Research* 195, pp. 1–11. DOI: 10.1016/j.fishres.2017.06.013.
- Ramenofsky, Marilyn et al. (2017). "Behavioral and physiological traits of migrant and resident whitecrowned sparrows: a common garden approach". In: *Journal Of Experimental Biology* 220, pp. 1330–1340. DOI: 10.1242/jeb.148171.
- Reiskind, M. H. et al. (2017). "Mosquitoes of field and forest: the scale of habitat segregation in a diverse mosquito assemblage". In: *Medical And Veterinary Entomology* 31, pp. 44–54. DOI: 10.1111/mve.12193.
- Rey Benayas, Jose M. et al. (2017). "Potential of pest regulation by insectivorous birds in Mediterranean woody crops". In: *Plos One* 12. DOI: 10.1371/journal.pone.0180702.
- Rigaill, Lucie, Naoko Suda-Hashimoto, et al. (2017). "Testing for Links Between Female Urine Odor and Male Sexual Behaviors in Japanese Macaques (*Macaca fuscata*)". In: *International Journal Of Primatology* 38, pp. 823–837. DOI: 10.1007/s10764-017-9980-y.
- Roberts, Margaret W. et al. (2017). "Effects of variable retention harvesting on natural tree regeneration in *Pinus resinosa* (red pine) forests". In: *Forest Ecology And Management* 385, pp. 104–115. DOI: 10.1016/j.foreco.2016.11.025.
- Rosin, Zuzanna M. et al. (2017). "Land snails benefit from human alterations in rural landscapes and habitats". In: *Ecosphere* 8. DOI: 10.1002/ecs2.1874.
- Roth, Gregory A. et al. (2017). "Trends and Patterns of Geographic Variation in Cardiovascular Mortality Among US Counties, 1980-2014". In: *Jama-Journal Of The American Medical Association* 317, pp. 1976–1992. DOI: 10.1001/jama.2017.4150.
- Rudd, Merrill B. and Trevor A. Branch (2017). "Does unreported catch lead to overfishing?" In: *Fish And Fisheries* 18, pp. 313–323. DOI: 10.1111/faf.12181.

- Schindler, Daniel E. et al. (2017). “Two-stage metabolism inferred from diel oxygen dynamics in aquatic ecosystems”. In: *Ecosphere* 8. DOI: 10.1002/ecs2.1867.
- Schneider, Salome et al. (2017). “Do Multi-year Applications of *Bacillus thuringiensis* subsp *israelensis* for Control of Mosquito Larvae Affect the Abundance of *B-cereus* Group Populations in Riparian Wetland Soils?” In: *Microbial Ecology* 74, pp. 901–909. DOI: 10.1007/s00248-017-1004-0.
- Schultz, L. D. et al. (2017). “Growth and annual survival estimates to examine the ecology of larval lamprey and the implications of ageing error in fitting models”. In: *Journal Of Fish Biology* 90, pp. 1305–1320. DOI: 10.1111/jfb.13230.
- Shive, Kristen L. et al. (2017). “Rice straw mulch for post-fire erosion control: assessing non-target effects on vegetation communities”. In: *International Journal Of Wildland Fire* 26, pp. 538–550. DOI: 10.1071/WF16208.
- Siddeek, M. S. M., J. Zheng, A. E. Punt, and D. Pengilly (2017). “Effect of data weighting on the mature male biomass estimate for Alaskan golden king crab”. In: *Fisheries Research* 192, pp. 103–113. DOI: 10.1016/j.fishres.2017.02.001.
- Simkanin, Christina et al. (2017). “Manipulating propagule pressure to test the invasibility of subtidal marine habitats”. In: *Biological Invasions* 19, pp. 1565–1575. DOI: 10.1007/s10530-017-1379-3.
- Sinclair, James S. and Shelley E. Arnott (2017). “Relative importance of colonist quantity, quality, and arrival frequency to the extinction of two zooplankton species”. In: *Oecologia* 184, pp. 441–452. DOI: 10.1007/s00442-017-3874-8.
- Sitar, Shawn P. et al. (2017). “Recreational Postrelease Mortality of Lake Trout in Lakes Superior and Huron”. In: *North American Journal Of Fisheries Management* 37, pp. 789–808. DOI: 10.1080/02755947.2017.1327903.
- Slemaker, Alexandra et al. (2017). “Childhood Injury Prevention: Predictors of Home Hazards in Latino Families Enrolled in SafeCare (R)”. In: *Journal Of Pediatric Psychology* 42, pp. 738–747. DOI: 10.1093/jpepsy/jsx045.
- Smith, James A. et al. (2017). “Modelling the distribution of fish around an artificial reef”. In: *Marine And Freshwater Research* 68, pp. 1955–1964. DOI: 10.1071/MF16019.

- Souza-Campana, Debora Rodrigues de et al. (2017). “Twigs in the Leaf Litter as Ant Habitats in Different Vegetation Habitats in Southeastern Brazil”. In: *Tropical Conservation Science* 10. DOI: 10.1177/1940082917710617.
- Sparkman, Gregg and Gregory M. Walton (2017). “Dynamic Norms Promote Sustainable Behavior, Even if It Is Counternormative”. In: *Psychological Science* 28, pp. 1663–1674. DOI: 10.1177/0956797617719950.
- Stafford, C. A., R. F. Preziosi, and W. I. Sellers (2017). “A pan-neotropical analysis of hunting preferences”. In: *Biodiversity And Conservation* 26, pp. 1877–1897. DOI: 10.1007/s10531-017-1334-8.
- Stamoulis, Kostantinos A. et al. (2017). “Coral reef grazer-benthos dynamics complicated by invasive algae in a small marine reserve”. In: *Scientific Reports* 7. DOI: 10.1038/srep43819.
- Stavert, Jamie R. et al. (2017). “Exotic species enhance response diversity to land-use change but modify functional composition”. In: *Proceedings Of The Royal Society B-Biological Sciences* 284. DOI: 10.1098/rspb.2017.0788.
- Stephenson, Jessica F., Kyle A. Young, et al. (2017). “Host heterogeneity affects both parasite transmission to and fitness on subsequent hosts”. In: *Philosophical Transactions Of The Royal Society B-Biological Sciences* 372. DOI: 10.1098/rstb.2016.0093.
- Stewart, Ian J. and Cole C. Monnahan (2017). “Implications of process error in selectivity for approaches to weighting compositional data in fisheries stock assessments”. In: *Fisheries Research* 192, pp. 126–134. DOI: 10.1016/j.fishres.2016.06.018.
- Streitberger, Merle, Carsten Schmidt, and Thomas Fartmann (2017). “Contrasting response of vascular plant and bryophyte species assemblages to a soil-disturbing ecosystem engineer in calcareous grasslands”. In: *Ecological Engineering* 99, pp. 391–399. DOI: 10.1016/j.ecoleng.2016.11.037.
- Stubnova, Eliska et al. (2017). “Karyological patterns in the European endemic genus *Soldanella* L.: Absolute genome size variation uncorrelated with cytotype chromosome numbers”. In: *American Journal Of Botany* 104, pp. 1241–1253. DOI: 10.3732/ajb.1700153.
- Sugasawa, Shoko et al. (2017). “Causes and Consequences of Tool Shape Variation in New Caledonian Crows”. In: *Current Biology* 27, pp. 3885–+. DOI: 10.1016/j.cub.2017.11.028.
- Szechy, Maria Teresa Menezes de, Victor de Souza Koutsoukos, and Carlos Alberto de Moura Barboza (2017). “Long-term decline of brown algal assemblages from southern Brazil under the influence of a nuclear

- power plant”. In: *Ecological Indicators* 80, pp. 258–267. DOI: 10.1016/j.ecolind.2017.05.019.
- Taylor, Kimberley T., Bruce D. Maxwell, David B. McWethy, et al. (2017). “Pinus contorta invasions increase wildfire fuel loads and may create a positive feedback with fire”. In: *Ecology* 98, pp. 678–687. DOI: 10.1002/ecy.1673.
- Thompson, Faye J. et al. (2017). “Causes and consequences of intergroup conflict in cooperative banded mongooses”. In: *Animal Behaviour* 126, pp. 31–40. DOI: 10.1016/j.anbehav.2017.01.017.
- Thorson, James T. and Lewis A. K. Barnett (2017). “Comparing estimates of abundance trends and distribution shifts using single- and multispecies models of fishes and biogenic habitat”. In: *Ices Journal Of Marine Science* 74, pp. 1311–1321. DOI: 10.1093/icesjms/fsw193.
- Thorson, James T., James N. Ianelli, and Stan Kotwicki (2017). “The relative influence of temperature and size-structure on fish distribution shifts: A case-study on Walleye pollock in the Bering Sea”. In: *Fish And Fisheries* 18, pp. 1073–1084. DOI: 10.1111/faf.12225.
- Thorson, James T., Stephan B. Munch, Jason M. Cope, et al. (2017). “Predicting life history parameters for all fishes worldwide”. In: *Ecological Applications* 27, pp. 2262–2276. DOI: 10.1002/eap.1606.
- Thorson, James T., Stephan B. Munch, and Douglas P. Swain (2017). “Estimating partial regulation in spatiotemporal models of community dynamics”. In: *Ecology* 98, pp. 1277–1289. DOI: 10.1002/ecy.1760/supinfo.
- Thygesen, Uffe Hogsbro et al. (2017a). “Validation of ecological state space models using the Laplace approximation”. In: *Environmental And Ecological Statistics* 24, pp. 317–339. DOI: 10.1007/s10651-017-0372-4.
- (2017b). “Validation of ecological state space models using the Laplace approximation”. In: *Environmental And Ecological Statistics* 24, pp. 317–339. DOI: 10.1007/s10651-017-0372-4.
- Titcomb, Georgia et al. (2017). “Interacting effects of wildlife loss and climate on ticks and tick-borne disease”. In: *Proceedings Of The Royal Society B-Biological Sciences* 284. DOI: 10.1098/rspb.2017.0475.
- Tocco, Claudia, Danielle E. A. Quinn, et al. (2017). “Optimising design and effort for environmental surveys using dung beetles (Coleoptera: Scarabaeidae)”. In: *Canadian Entomologist* 149, pp. 214–226. DOI: 10.4039/tce.2016.48.
- Torres-Muros, Lucia, Jose A. Hodar, and Regino Zamora (2017). “Effect of habitat type and soil moisture on pupal stage of a Mediterranean forest

- pest (*Thaumetopoea pityocampa*)”. In: *Agricultural And Forest Entomology* 19, pp. 130–138. DOI: 10.1111/afe.12188.
- Treitler, Julia T. et al. (2017). “Effects of dung-pad conditions and density on coprophagous beetle assemblages in a Mediterranean rangeland”. In: *Biodiversity And Conservation* 26, pp. 1431–1444. DOI: 10.1007/s10531-017-1308-x.
- Trnka, Alfred and Milica Pozgayova (2017). “Does conspicuous colouration of Magpies *Pica pica* influence aggressive behaviour in nesting Great Reed Warblers *Acrocephalus arundinaceus*?” In: *Bird Study* 64, pp. 108–111. DOI: 10.1080/00063657.2016.1273878.
- Trochet, Audrey et al. (2017). “Postbreeding Movements in Marbled Newts (Caudata, Salamandridae): A Comparative Radiotracking Study in Two Habitat Types”. In: *Herpetologica* 73, pp. 1–9.
- Truesdell, Samuel B., James R. Bence, et al. (2017). “Estimating multinomial effective sample size in catch-at-age and catch-at-size models”. In: *Fisheries Research* 192, pp. 66–83. DOI: 10.1016/j.fishres.2016.11.003.
- Truesdell, Samuel B., Deborah R. Hart, and Yong Chen (2017). “Effects of unequal capture probability on stock assessment abundance and mortality estimates: an example using the US Atlantic sea scallop fishery”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 74, pp. 1904–1917. DOI: 10.1139/cjfas-2016-0296.
- Valpine, Perry de et al. (2017a). “Programming With Models: Writing Statistical Algorithms for General Model Structures With NIMBLE”. In: *Journal Of Computational And Graphical Statistics* 26, pp. 403–413. DOI: 10.1080/10618600.2016.1172487.
- (2017b). “Programming With Models: Writing Statistical Algorithms for General Model Structures With NIMBLE”. In: *Journal Of Computational And Graphical Statistics* 26, pp. 403–413. DOI: 10.1080/10618600.2016.1172487.
- Van Beveren, Elisabeth et al. (2017). “How catch underreporting can bias stock assessment of and advice for northwest Atlantic mackerel and a possible resolution using censored catch”. In: *Fisheries Research* 194, pp. 146–154. DOI: 10.1016/j.fishres.2017.05.015.
- Vicente, Natalin S. and Monique Halloy (2017). “Interaction between visual and chemical cues in a *Liolaemus* lizard: a multimodal approach”. In: *Zoology* 125, pp. 24–28. DOI: 10.1016/j.zool.2017.07.006.
- Vidal, Tiffany E. et al. (2017). “Using Variance Structure to Quantify Responses to Perturbation in Fish Catches”. In: *Transactions Of The Amer-*

- ican Fisheries Society* 146, pp. 584–593. DOI: 10.1080/00028487.2017.1301992.
- Villacorta, Pablo J. (2017). “The welchADF Package for Robust Hypothesis Testing in Unbalanced Multivariate Mixed Models with Heteroscedastic and Non-normal Data”. In: *R Journal* 9, pp. 309–328.
- Vincent, Matthew T., Travis O. Brenden, and James R. Bence (2017). “Simulation testing the robustness of a multiregion, tag-integrated assessment model that exhibits natal homing and estimates natural mortality and reporting rate”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 74, pp. 1930–1949. DOI: 10.1139/cjfas-2016-0297.
- Virtanen, Seppo et al. (2017). “Comparative analysis of vaginal microbiota sampling using 16S rRNA gene analysis”. In: *Plos One* 12. DOI: 10.1371/journal.pone.0181477.
- Vogels, J. J. et al. (2017). “Can changes in soil biochemistry and plant stoichiometry explain loss of animal diversity of heathlands?” In: *Biological Conservation* 212, pp. 432–447. DOI: 10.1016/j.biocon.2016.08.039.
- Wang, S., N. G. Cadigan, and H. P. Benoit (2017a). “Inference about regression parameters using highly stratified survey count data with over-dispersion and repeated measurements”. In: *Journal Of Applied Statistics* 44, pp. 1013–1030. DOI: 10.1080/02664763.2016.1191622.
- (2017b). “Inference about regression parameters using highly stratified survey count data with over-dispersion and repeated measurements”. In: *Journal Of Applied Statistics* 44, pp. 1013–1030. DOI: 10.1080/02664763.2016.1191622.
- Whoriskey, Kim et al. (2017). “A hidden Markov movement model for rapidly identifying behavioral states from animal tracks”. In: *Ecology And Evolution* 7, pp. 2112–2121. DOI: 10.1002/ece3.2795.
- Wiegardt, Andrew et al. (2017). “Postbreeding elevational movements of western songbirds in Northern California and Southern Oregon”. In: *Ecology And Evolution* 7, pp. 7750–7764. DOI: 10.1002/ece3.3326.
- Wilkin, Katherine M. et al. (2017). “DECADE-LONG PLANT COMMUNITY RESPONSES TO SHRUBLAND FUEL HAZARD REDUCTION”. In: *Fire Ecology* 13, pp. 105–136. DOI: 10.4996/fireecology.130210513.
- Williams, D. E. et al. (2017). “Thermal stress exposure, bleaching response, and mortality in the threatened coral *Acropora palmata*”. In: *Marine Pollution Bulletin* 124, pp. 189–197. DOI: 10.1016/j.marpolbul.2017.07.001.

- Wu, P. J. et al. (2017). “Point-of-care universal screening for meticillin-resistant *Staphylococcus aureus*: a cluster-randomized cross-over trial”. In: *Journal Of Hospital Infection* 95, pp. 245–252. DOI: 10.1016/j.jhin.2016.08.017.
- Zhao, Yingming and Yolanda E. Morbey (2017). “Estimating the Size Selectivity of Trap Nets using a Gill-Net Selectivity Experiment: Method Development and Application to Lake Whitefish in Lake Huron”. In: *North American Journal Of Fisheries Management* 37, pp. 1341–1349. DOI: 10.1080/02755947.2017.1381206.
- Zufiaurre, Emmanuel et al. (2017a). “THE ROLE OF STUBBLE TYPE AND SPILLED SEED BIOMASS ON THE ABUNDANCE OF SEED-EATING BIRDS IN AGROECOSYSTEMS”. In: *Ardeola* 64, pp. 31–48. DOI: 10.13157/ar1a.64.1.2017.ra3.
- (2017b). “The seasonal role of field characteristics on seed-eating bird abundances in agricultural landscapes”. In: *Current Zoology* 63, pp. 279–286. DOI: 10.1093/cz/zow055.

Publication Year 2016

- Abba, A. M. et al. (2016). “Habitat use by armadillos in agroecosystems of central Argentina: does plot identity matter?” In: *Journal Of Mammalogy* 97, pp. 1265–1271. DOI: 10.1093/jmammal/gyw100.
- Agol, Eric and Katherine Deck (2016). “TRANSIT TIMING TO FIRST ORDER IN ECCENTRICITY”. In: *Astrophysical Journal* 818. DOI: 10.3847/0004-637X/818/2/177.
- Andersson, Petter, Johan Ehrlén, and Peter A. Hambäck (2016). “Plant patch structure influences plant fitness via antagonistic and mutualistic interactions but in different directions”. In: *Oecologia* 180, pp. 1175–1182. DOI: 10.1007/s00442-015-3532-y.
- Archer, Elizabeth K. et al. (2016). “Digging for answers: contributions of density- and frequency-dependent factors on ectoparasite burden in a social mammal”. In: *Oecologia* 180, pp. 429–438. DOI: 10.1007/s00442-015-3494-0.
- Asar, Ozgur et al. (2016). “Short-term and long-term effects of acute kidney injury in chronic kidney disease patients: A longitudinal analysis”. In: *Biometrical Journal* 58, pp. 1552–1566. DOI: 10.1002/bimj.201500270.
- Auger-Methe, Marie, Chris Field, et al. (2016a). “State-space models’ dirty little secrets: even simple linear Gaussian models can have estimation problems”. In: *Scientific Reports* 6. DOI: 10.1038/srep26677.
- (2016b). “State-space models’ dirty little secrets: even simple linear Gaussian models can have estimation problems”. In: *Scientific Reports* 6. DOI: 10.1038/srep26677.
- Aviron, Stephanie et al. (2016). “Local landscape heterogeneity affects crop colonization by natural enemies of pests in protected horticultural cropping systems”. In: *Agriculture Ecosystems And Environment* 227, pp. 1–10. DOI: 10.1016/j.agee.2016.04.013.
- Bagwill, April L. et al. (2016). “Effects of Water Loss on New Mexico Spadefoot Toad (*Spea multiplicata*) Development, Spleen Cellularity, and Corticosterone Levels”. In: *Journal Of Experimental Zoology Part A-Ecological Genetics And Physiology* 325, pp. 548–561. DOI: 10.1002/jez.2049.
- Balzan, Mario V., Gionata Bocci, and Anna-Camilla Moonen (2016). “Landscape complexity and field margin vegetation diversity enhance natural enemies and reduce herbivory by Lepidoptera pests on tomato crop”. In: *Biocontrol* 61, pp. 141–154. DOI: 10.1007/s10526-015-9711-2.

- Barber, Anjuli L. A. et al. (2016). “The Processing of Human Emotional Faces by Pet and Lab Dogs: Evidence for Lateralization and Experience Effects”. In: *Plos One* 11. DOI: 10.1371/journal.pone.0152393.
- Barrett, H. Clark, Christopher D. Peterson, and Willem E. Frankenhuis (2016). “Mapping the Cultural Learnability Landscape of Danger”. In: *Child Development* 87, pp. 770–781. DOI: 10.1111/cdev.12495.
- Basciani, Reto et al. (2016). “Cerebral Microembolization During Aortic Valve Replacement Using Minimally Invasive or Conventional Extracorporeal Circulation: A Randomized Trial”. In: *Artificial Organs* 40, E280–E291. DOI: 10.1111/aor.12744.
- Bence, James R. et al. (2016). “Reply to comments by Riley and Dunlop on He et al. (2015)”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 73, pp. 865–868. DOI: 10.1139/cjfas-2015-0522.
- Berg, Casper W. and Anders Nielsen (2016a). “Accounting for correlated observations in an age-based state-space stock assessment model”. In: *Ices Journal Of Marine Science* 73, pp. 1788–1797. DOI: 10.1093/icesjms/fsw046.
- (2016b). “Accounting for correlated observations in an age-based state-space stock assessment model”. In: *Ices Journal Of Marine Science* 73, pp. 1788–1797. DOI: 10.1093/icesjms/fsw046.
- Bona, F. et al. (2016). “Increased Sediment Loads in Alpine Streams: An Integrated Field Study”. In: *River Research And Applications* 32, pp. 1316–1326. DOI: 10.1002/rra.2941.
- Booksmythe, Isobel et al. (2016). “Fitness consequences of artificial selection on relative male genital size”. In: *Nature Communications* 7. DOI: 10.1038/ncomms11597.
- Byers, Bruce E., Michael E. Akresh, and David I. King (2016). “Song and Male Quality in Prairie Warblers”. In: *Ethology* 122, pp. 660–670. DOI: 10.1111/eth.12513.
- Campos, Claudia M. et al. (2016). “Management of Protected Areas and Its Effect on an Ecosystem Function: Removal of *Prosopis flexuosa* Seeds by Mammals in Argentinian Drylands”. In: *Plos One* 11. DOI: 10.1371/journal.pone.0162551.
- Canales, Cristian M., Joan B. Company, and Patricio M. Arana (2016). “Using a length-based stock assessment model to evaluate population structure hypotheses of nylon shrimp *Heterocarpus reedi* (Decapoda, Caridea) exploited off central Chile”. In: *Fisheries Research* 183, pp. 360–370. DOI: 10.1016/j.fishres.2016.06.020.

- Carman, Karlie and David G. Jenkins (2016). “Comparing diversity to flower-bee interaction networks reveals unsuccessful foraging of native bees in disturbed habitats”. In: *Biological Conservation* 202, pp. 110–118. DOI: 10.1016/j.biocon.2016.08.030.
- Chen, Nancy et al. (2016). “Genomic Consequences of Population Decline in the Endangered Florida Scrub-Jay”. In: *Current Biology* 26, pp. 2974–2979. DOI: 10.1016/j.cub.2016.08.062.
- Chen, Yong, Chuan Hong, et al. (2016). “Meta-analysis of studies with bivariate binary outcomes: a marginal beta-binomial model approach”. In: *Statistics In Medicine* 35, pp. 21–40. DOI: 10.1002/sim.6620.
- Choppin, Sabine et al. (2016). “Alteration of complex negative emotions induced by music in euthymic patients with bipolar disorder”. In: *Journal Of Affective Disorders* 191, pp. 15–23. DOI: 10.1016/j.jad.2015.10.063.
- Christian Montes-Medina, Adolfo, Alejandro Salinas-Melgoza, and Katherine Renton (2016). “Contextual flexibility in the vocal repertoire of an Amazon parrot”. In: *Frontiers In Zoology* 13. DOI: 10.1186/s12983-016-0169-6.
- Chuard, Pierre J. C., Grant E. Brown, and James W. A. Grant (2016). “The effects of adult sex ratio on mating competition in male and female guppies (*Poecilia reticulata*) in two wild populations”. In: *Behavioural Processes* 129, pp. 1–10. DOI: 10.1016/j.beproc.2016.05.001.
- Conrad, J. Louise et al. (2016). “Novel Species Interactions in a Highly Modified Estuary: Association of Largemouth Bass with Brazilian Waterweed *Egeria densa*”. In: *Transactions Of The American Fisheries Society* 145, pp. 249–263. DOI: 10.1080/00028487.2015.1114521.
- Coombes, Lindsey et al. (2016). “Mixed-methods Evaluation of the Good Behaviour Game in English Primary Schools”. In: *Journal Of Community And Applied Social Psychology* 26, pp. 369–387. DOI: 10.1002/casp.2268.
- Corriero, Giuseppe et al. (2016). “Ecosystem vulnerability to alien and invasive species: a case study on marine habitats along the Italian coast”. In: *Aquatic Conservation-Marine And Freshwater Ecosystems* 26, pp. 392–409. DOI: 10.1002/aqc.2550.
- Davis, Naomi E. et al. (2016). “Vegetation management influences habitat use by mammalian herbivores in shrub-encroached grassy woodland”. In: *Wildlife Research* 43, pp. 438–447. DOI: 10.1071/WR15218.

- Deal, Nicholas D. S., Isaac Gravolin, and Bob B. M. Wong (2016). “The Influence of Parental Status on Courtship Effort in a Paternal Caring Fish”. In: *Ethology* 122, pp. 902–911. DOI: 10.1111/eth.12561.
- Desjardins, Christopher David (2016). “Modeling Zero-Inflated and Overdispersed Count Data: An Empirical Study of School Suspensions”. In: *Journal Of Experimental Education* 84, pp. 449–472. DOI: 10.1080/00220973.2015.1054334.
- Diaz, David et al. (2016). “A 25-year marine reserve as proxy for the unfished condition of an exploited species”. In: *Biological Conservation* 203, pp. 97–107. DOI: 10.1016/j.biocon.2016.09.002.
- Dichmont, Catherine M., Roy A. Deng, and Andre E. Punt (2016). “How many of Australia’s stock assessments can be conducted using stock assessment packages?” In: *Marine Policy* 74, pp. 279–287. DOI: 10.1016/j.marpol.2016.09.033.
- Dichmont, Catherine M., Roy A. Deng, Andre E. Punt, et al. (2016). “A review of stock assessment packages in the United States”. In: *Fisheries Research* 183, pp. 447–460. DOI: 10.1016/j.fishres.2016.07.001.
- Donovan, Mary K. et al. (2016). “Effects of Gear Restriction on the Abundance of Juvenile Fishes along Sandy Beaches in Hawai’i”. In: *Plos One* 11. DOI: 10.1371/journal.pone.0155221.
- Doonan, Ian et al. (2016). “Casal2: New Zealand’s integrated population modelling tool”. In: *Fisheries Research* 183, pp. 498–505. DOI: 10.1016/j.fishres.2016.04.024.
- Dorji, Tsechoe, Stein R. Moe, et al. (2016). “Performance of two alpine plant species along environmental gradients in an alpine meadow ecosystem in central Tibet”. In: *Ecological Research* 31, pp. 417–426. DOI: 10.1007/s11284-016-1350-2.
- Dwyer-Lindgren, Laura, Amelia Bertozzi-Villa, Rebecca W. Stubbs, Chloe Morozoff, Michael J. Kutz, et al. (2016). “US County-Level Trends in Mortality Rates for Major Causes of Death, 1980-2014”. In: *Jama-Journal Of The American Medical Association* 316, pp. 2385–2401. DOI: 10.1001/jama.2016.13645.
- Dwyer-Lindgren, Laura, Johan P. Mackenbach, Frank J. van Lenthe, Abraham D. Flaxman, et al. (2016). “Diagnosed and Undiagnosed Diabetes Prevalence by County in the US, 1999-2012”. In: *Diabetes Care* 39, pp. 1556–1562. DOI: 10.2337/dc16-0678.
- Elston, Jonathan, Virginie Rolland, and Stanley E. Trauth (2016). “URBAN DITCH CHARACTERISTICS ASSOCIATED WITH TURTLE ABUN-

- DANCE AND SPECIES RICHNESS". In: *Herpetological Conservation And Biology* 11, pp. 132–141.
- Fayolle, Stephanie et al. (2016). "Does mosquito control by Bti spraying affect the phytoplankton community? A 5-year study in Camargue temporary wetlands (France) (vol 52, pg 763, 2015)". In: *Annales De Limnologie-International Journal Of Limnology* 52, pp. 1–11. DOI: 10.1051/limn/2015027.
- Feder, Alison F. et al. (2016). "More effective drugs lead to harder selective sweeps in the evolution of drug resistance in HIV-1". In: *Elife* 5. DOI: 10.7554/eLife.10670.
- Ferreira, Andre C. et al. (2016). "Communication Value of Mistakes in Dark-Eyed Junco Song". In: *American Naturalist* 188, pp. 289–305. DOI: 10.1086/687520.
- Fidej, Gal et al. (2016). "Influence of salvage logging on forest recovery following intermediate severity canopy disturbances in mixed beech dominated forests of Slovenia". In: *Iforest-Biogeoosciences And Forestry* 9, pp. 430–436. DOI: 10.3832/ifor1616-008.
- Fielder, David G., Michael L. Jones, and James R. Bence (2016). "Use of a Structured Approach to the Analysis of Management Options and Value of Information for a Recreationally Exploited Fish Population: A Case Study of Walleyes in Saginaw Bay". In: *North American Journal Of Fisheries Management* 36, pp. 407–420. DOI: 10.1080/02755947.2015.1125975.
- Flacio, Eleonora et al. (2016). "Spread and establishment of *Aedes albopictus* in southern Switzerland between 2003 and 2014: an analysis of oviposition data and weather conditions". In: *Parasites And Vectors* 9. DOI: 10.1186/s13071-016-1577-3.
- Francis, R. I. C. Chris et al. (2016). "Estimating fish growth for stock assessments using both age-length and tagging-increment data". In: *Fisheries Research* 180, pp. 113–118. DOI: 10.1016/j.fishres.2015.06.011.
- Frank, Hannah K. et al. (2016). "Anthropogenic impacts on Costa Rican bat parasitism are sex specific". In: *Ecology And Evolution* 6, pp. 4898–4909. DOI: 10.1002/ece3.2245.
- Fresneau, Nolwenn and Wendt Muller (2016). "Information warfare in avian families: sex-specific begging responses to need and social environment in canary nestlings". In: *Animal Behaviour* 115, pp. 137–143. DOI: 10.1016/j.anbehav.2016.03.015.

- Gallant, Daniel et al. (2016). “Linking time budgets to habitat quality suggests that beavers (*Castor canadensis*) are energy maximizers”. In: *Canadian Journal Of Zoology* 94, pp. 671–676. DOI: 10.1139/cjz-2016-0016.
- Gezon, Zachariah J., David W. Inouye, and Rebecca E. Irwin (2016). “Phenological change in a spring ephemeral: implications for pollination and plant reproduction”. In: *Global Change Biology* 22, pp. 1779–1793. DOI: 10.1111/gcb.13209.
- Gonzalez, Edgar J., Carlos Martorell, and Benjamin M. Bolker (2016). “Inverse estimation of integral projection model parameters using time series of population-level data”. In: *Methods In Ecology And Evolution* 7, pp. 147–156. DOI: 10.1111/2041-210X.12519.
- Greene, Daniel U. et al. (2016). “A Comparison of Four Survey Methods for Detecting Fox Squirrels in the Southeastern United States”. In: *Journal Of Fish And Wildlife Management* 7, pp. 99–106. DOI: 10.3996/082015-JFWM-080.
- Greggor, Alison L. et al. (2016). “Seasonal changes in neophobia and its consistency in rooks: the effect of novelty type and dominance position”. In: *Animal Behaviour* 121, pp. 11–20. DOI: 10.1016/j.anbehav.2016.08.010.
- Grider, John F. et al. (2016). “Winter Activity of Coastal Plain Populations of Bat Species Affected by White-Nose Syndrome and Wind Energy Facilities”. In: *Plos One* 11. DOI: 10.1371/journal.pone.0166512.
- Gudiel, A. Andrea et al. (2016). “The effect of anthropogenic disturbance on non-native plant species in Madagascar”. In: *Journal Of Tropical Ecology* 32, pp. 543–554. DOI: 10.1017/S0266467416000481.
- Hablutzel, P. I. et al. (2016). “Weak link between dispersal and parasite community differentiation or immunogenetic divergence in two sympatric cichlid fishes”. In: *Molecular Ecology* 25, pp. 5451–5466. DOI: 10.1111/mec.13833.
- Hammers, Martijn et al. (2016). “Concentrating or scattering management in agricultural landscapes: Examining the effectiveness and efficiency of conservation measures”. In: *Agriculture Ecosystems And Environment* 235, pp. 51–60. DOI: 10.1016/j.agee.2016.10.005.
- Harford, William J. and Elizabeth A. Babcock (2016). “Aligning monitoring design with fishery decision-making: examples of management strategy evaluation for reef-associated fisheries”. In: *Aquatic Living Resources* 29. DOI: 10.1051/alr/2016018.

- Harrup, Lara E. et al. (2016). "DNA barcoding and surveillance sampling strategies for Culicoides biting midges (Diptera: Ceratopogonidae) in southern India". In: *Parasites And Vectors* 9. DOI: 10.1186/s13071-016-1722-z.
- He, Ji X., James R. Bence, Edward F. Roseman, et al. (2016). "Using time-varying asymptotic length and body condition of top piscivores to indicate ecosystem regime shift in the main basin of Lake Huron: a Bayesian hierarchical modeling approach". In: *Canadian Journal Of Fisheries And Aquatic Sciences* 73, pp. 1092–1103. DOI: 10.1139/cjfas-2015-0235.
- Henriquez, Vania et al. (2016). "Interactions between ageing error and selectivity in statistical catch-at-age models: simulations and implications for assessment of the Chilean Patagonian toothfish fishery". In: *Ices Journal Of Marine Science* 73, pp. 1074–1090. DOI: 10.1093/icesjms/fsv270.
- Hertel, Anne G. et al. (2016). "Bears and berries: species-specific selective foraging on a patchily distributed food resource in a human-altered landscape". In: *Behavioral Ecology And Sociobiology* 70, pp. 831–842. DOI: 10.1007/s00265-016-2106-2.
- Holsman, Kirstin K. et al. (2016). "A comparison of fisheries biological reference points estimated from temperature-specific multi-species and single-species climate-enhanced stock assessment models". In: *Deep-Sea Research Part Ii-Topical Studies In Oceanography* 134, pp. 360–378. DOI: 10.1016/j.dsr2.2015.08.001.
- Honeycutt, R. Ken, Winsor H. Lowe, and Blake R. Hossack (2016). "Movement and survival of an amphibian in relation to sediment and culvert design". In: *Journal Of Wildlife Management* 80, pp. 761–770. DOI: 10.1002/jwmg.1056.
- Houde, Edward D. et al. (2016). "Factors affecting the abundance of age-0 Atlantic menhaden (*Brevoortia tyrannus*) in Chesapeake Bay". In: *Ices Journal Of Marine Science* 73, pp. 2238–2251. DOI: 10.1093/icesjms/fsw063.
- Huang, Lu et al. (2016). "Comparison of different computational implementations on fitting generalized linear mixed-effects models for repeated count measures". In: *Journal Of Statistical Computation And Simulation* 86, pp. 2392–2404. DOI: 10.1080/00949655.2015.1111376.
- Hutton, T. et al. (2016). "Trade-offs in transitions between indigenous and commercial fishing sectors: the Torres Strait tropical rock lobster fishery". In: *Fisheries Management And Ecology* 23, pp. 463–477. DOI: 10.1111/fme.12186.

- Ianelli, James et al. (2016). “Multi-model inference for incorporating trophic and climate uncertainty into stock assessments”. In: *Deep-Sea Research Part II-Topical Studies In Oceanography* 134, pp. 379–389. DOI: 10.1016/j.dsr2.2015.04.002.
- Immonen, E. et al. (2016). “Direct and indirect genetic effects of sex-specific mitonuclear epistasis on reproductive ageing”. In: *Heredity* 116, pp. 329–338. DOI: 10.1038/hdy.2015.112.
- Inclan, Diego J., Matteo Dainese, et al. (2016). “Spillover of tachinids and hoverflies from different field margins”. In: *Basic And Applied Ecology* 17, pp. 33–42. DOI: 10.1016/j.baae.2015.08.005.
- Jagger, Pamela and Carolina Perez-Heydrich (2016). “Land use and household energy dynamics in Malawi”. In: *Environmental Research Letters* 11. DOI: 10.1088/1748-9326/11/12/125004.
- Jansen, Teunis et al. (2016). “Migration, distribution and population (stock) structure of shallow-water hake (*Merluccius capensis*) in the Benguela Current Large Marine Ecosystem inferred using a geostatistical population model”. In: *Fisheries Research* 179, pp. 156–167. DOI: 10.1016/j.fishres.2016.02.026.
- Jaramillo, Maricruz et al. (2016). “THE DIET OF THE GALAPAGOS HAWK (*BUTEO GALAPAGOENSIS*) BEFORE AND AFTER GOAT ERADICATION”. In: *Journal Of Raptor Research* 50, pp. 33–44. DOI: 10.3356/rapt-50-01-33-44.1.
- Jeliazkov, Alienor et al. (2016). “Large-scale semi-automated acoustic monitoring allows to detect temporal decline of bush-crickets”. In: *Global Ecology And Conservation* 6, pp. 208–218. DOI: 10.1016/j.gecco.2016.02.008.
- Johnson, Brent D. et al. (2016). “Manipulation of Basking Sites for Endangered Eastern Massasauga Rattlesnakes”. In: *Journal Of Wildlife Management* 80, pp. 803–811. DOI: 10.1002/jwmg.21079.
- Johnson, Kelli F. et al. (2016a). “Can autocorrelated recruitment be estimated using integrated assessment models and how does it affect population forecasts?” In: *Fisheries Research* 183, pp. 222–232. DOI: 10.1016/j.fishres.2016.06.004.
- (2016b). “Can autocorrelated recruitment be estimated using integrated assessment models and how does it affect population forecasts?” In: *Fisheries Research* 183, pp. 222–232. DOI: 10.1016/j.fishres.2016.06.004.
- Johnson, Nicholas S., Travis O. Brenden, et al. (2016). “Survival and metamorphosis of larval sea lamprey (*Petromyzon marinus*) residing in Lakes

- Michigan and Huron near river mouths”. In: *Journal Of Great Lakes Research* 42, pp. 1461–1469. DOI: 10.1016/j.jglr.2016.09.003.
- Joiris, Claude R. et al. (2016). “Low Density of Top Predators (Seabirds and Marine Mammals) in the High Arctic Pack Ice”. In: *Scientifica*. DOI: 10.1155/2016/1982534.
- Jonsen, Ian (2016). “Joint estimation over multiple individuals improves behavioural state inference from animal movement data”. In: *Scientific Reports* 6. DOI: 10.1038/srep20625.
- Kammerer, Melanie A. et al. (2016). “Modeling local spatial patterns of wild bee diversity in Pennsylvania apple orchards”. In: *Landscape Ecology* 31, pp. 2459–2469. DOI: 10.1007/s10980-016-0416-4.
- Karban, Richard, Patrick Grof-Tisza, and James D. Blande (2016). “CHEMOTYPIC Variation in Volatiles and Herbivory for Sagebrush”. In: *Journal Of Chemical Ecology* 42, pp. 829–840. DOI: 10.1007/s10886-016-0741-8.
- Kathena, Johannes N. et al. (2016). “Hake species (*Merluccius capensis* and *M. paradoxus*) assessment in the Benguela Current Large Marine Ecosystem”. In: *Environmental Development* 17, pp. 193–201. DOI: 10.1016/j.envdev.2015.11.011.
- Kleyheeg, Erik, Marcel Klaassen, and Merel B. Soons (2016). “Seed dispersal potential by wild mallard duck as estimated from digestive tract analysis”. In: *Freshwater Biology* 61, pp. 1746–1758. DOI: 10.1111/fwb.12814.
- Knegt, Bram et al. (2016). “Host plant quality mediates competition between arbuscular mycorrhizal fungi”. In: *Fungal Ecology* 20, pp. 233–240. DOI: 10.1016/j.funeco.2014.09.011.
- Konrad, Christoph, John Bratney, and Noel G. Cadigan (2016). “Modelling temporal and spatial variability in tag reporting-rates for Newfoundland cod (*Gadus morhua*)”. In: *Environmental And Ecological Statistics* 23, pp. 387–403. DOI: 10.1007/s10651-016-0344-0.
- Koziol-McLain, Jane et al. (2016). “Participant Recruitment and Engagement in Automated eHealth Trial Registration: Challenges and Opportunities for Recruiting Women Who Experience Violence”. In: *Journal Of Medical Internet Research* 18. DOI: 10.2196/jmir.6515.
- Krieg, Cara A. and Thomas Getty (2016). “Not just for males: females use song against male and female rivals in a temperate zone songbird”. In: *Animal Behaviour* 113, pp. 39–47. DOI: 10.1016/j.anbehav.2015.12.019.

- Kristensen, K. et al. (2016). “TMB: Automatic Differentiation and Laplace Approximation”. In: *Journal of Statistical Software* 70, pp. 1–21. DOI: doi:10.18637/jss.v070.i05.
- Kristensen, Kasper et al. (2016). “TMB: Automatic Differentiation and Laplace Approximation”. In: *Journal Of Statistical Software* 70, pp. 1–21.
- Kuczynski, Lechoslaw et al. (2016). “Thermal Niches of Two Invasive Genotypes of the Wheat Curl Mite *Aceria tosichella*: Congruence between Physiological and Geographical Distribution Data”. In: *Plos One* 11. DOI: 10.1371/journal.pone.0154600.
- Kulfan, Jan et al. (2016). “Distribution of Lepidopteran Larvae on Norway Spruce: Effects of Slope and Crown Aspect”. In: *Environmental Entomology* 45, pp. 436–445. DOI: 10.1093/ee/nvv221.
- Kuriyama, Peter T. et al. (2016). “An empirical weight-at-age approach reduces estimation bias compared to modeling parametric growth in integrated, statistical stock assessment models when growth is time varying”. In: *Fisheries Research* 180, pp. 119–127. DOI: 10.1016/j.fishres.2015.09.007.
- Kurota, Hiroyuki et al. (2016). “Evaluating the influence of predator-prey interactions on stock assessment and management reference points for a large lake ecosystem”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 73, pp. 1372–1388. DOI: 10.1139/cjfas-2014-0414.
- Lagadic, Laurent et al. (2016). “No association between the use of Bti for mosquito control and the dynamics of non-target aquatic invertebrates in French coastal and continental wetlands”. In: *Science Of The Total Environment* 553, pp. 486–494. DOI: 10.1016/j.scitotenv.2016.02.096.
- Lange, Rolanda and Dustin J. Marshall (2016). “Propagule size and dispersal costs mediate establishment success of an invasive species”. In: *Ecology* 97, pp. 569–575. DOI: 10.1890/15-1573.
- Lee, L. C. et al. (2016). “Indirect effects and prey behavior mediate interactions between an endangered prey and recovering predator”. In: *Ecosphere* 7. DOI: 10.1002/ecs2.1604.
- Leston, Lionel and Nicola Koper (2016). “Urban Rights-of-Way as Reservoirs for Tall-Grass Prairie Plants and Butterflies”. In: *Environmental Management* 57, pp. 543–557. DOI: 10.1007/s00267-015-0631-9.
- Leza, M. Mar, Miguel A. Miranda-Chueca, and Bethan V. Purse (2016). “Patterns in *Varroa destructor* depend on bee host abundance, avail-

- ability of natural resources, and climate in Mediterranean apiaries”. In: *Ecological Entomology* 41, pp. 542–553. DOI: 10.1111/een.12327.
- Li, Yang, James R. Bence, and Travis O. Brenden (2016). “The Influence of Stock Assessment Frequency on the Achievement of Fishery Management Objectives”. In: *North American Journal Of Fisheries Management* 36, pp. 793–812. DOI: 10.1080/02755947.2016.1167145.
- Little, Eliza, Scott R. Campbell, and Jeffrey Shaman (2016). “Development and validation of a climate-based ensemble prediction model for West Nile Virus infection rates in Culex mosquitoes, Suffolk County, New York”. In: *Parasites And Vectors* 9. DOI: 10.1186/s13071-016-1720-1.
- Lobo, Jorge A., Davi De Lacerda Ramos, and Aline Cabral Braga (2016). “Visitation rate of pollinators and nectar robbers to the flowers and inflorescences of *Tabebuia aurea* (Bignoniaceae): effects of floral display size and habitat fragmentation”. In: *Botanical Journal Of The Linnean Society* 181, pp. 667–681. DOI: 10.1111/boj.12435.
- Lopes, Patricia C. and Barbara König (2016). “Choosing a healthy mate: sexually attractive traits as reliable indicators of current disease status in house mice”. In: *Animal Behaviour* 111, pp. 119–126. DOI: 10.1016/j.anbehav.2015.10.011.
- Lopez-Sanchez, Aida et al. (2016). “Livestock vs. wild ungulate management in the conservation of Mediterranean dehesas: Implications for oak regeneration”. In: *Forest Ecology And Management* 362, pp. 99–106. DOI: 10.1016/j.foreco.2015.12.002.
- Lumley, Alyson J., Sian E. Diamond, et al. (2016). “Post-copulatory opportunities for sperm competition and cryptic female choice provide no offspring fitness benefits in externally fertilizing salmon”. In: *Royal Society Open Science* 3. DOI: 10.1098/rsos.150709.
- Major, Heather L. (2016). “ANCIENT MURRELET SYNTHLIBORAMPHUS ANTIQUUS COLONY ATTENDANCE AT LANGARA ISLAND ASSESSED USING OBSERVER COUNTS AND RADAR IN RELATION TO TIME AND ENVIRONMENTAL CONDITIONS”. In: *Marine Ornithology* 44, pp. 233–240.
- Mangiamele, Lisa A. et al. (2016). “Increased androgenic sensitivity in the hind limb muscular system marks the evolution of a derived gestural display”. In: *Proceedings Of The National Academy Of Sciences Of The United States Of America* 113, pp. 5664–5669. DOI: 10.1073/pnas.1603329113.

- Marshall, Andrew J. et al. (2016). "Charisma counts: the presence of great apes affects the allocation of research effort in the paleotropics". In: *Frontiers In Ecology And The Environment* 14, pp. 13–19. DOI: 10.1002/14-0195.1.
- Mathers, Kate L. et al. (2016). "The long-term effects of invasive signal crayfish (*Pacifastacus leniusculus*) on instream macroinvertebrate communities". In: *Science Of The Total Environment* 556, pp. 207–218. DOI: 10.1016/j.scitotenv.2016.01.215.
- Matsuba, Misako, Shota Nishijima, and Kazuhiro Katoh (2016). "Effectiveness of corridor vegetation depends on urbanization tolerance of forest birds in central Tokyo, Japan". In: *Urban Forestry And Urban Greening* 18, pp. 173–181. DOI: 10.1016/j.ufug.2016.05.011.
- McDermott, Susanne F., Vivian Haist, and Kimberly M. Rand (2016). "Evaluating the Efficacy of Trawl Exclusion Zones by Estimating Local Atka Mackerel Abundance and Movement Patterns in the Central and Eastern Aleutian Islands". In: *Marine And Coastal Fisheries* 8, pp. 334–349. DOI: 10.1080/19425120.2015.1135218.
- Meier, Lorena, Paul R. Torgerson, and Hubertus Hertzberg (2016). "Vaccination of goats against *Haemonchus contortus* with the gut membrane proteins H11/H-gal-GP". In: *Veterinary Parasitology* 229, pp. 15–21. DOI: 10.1016/j.vetpar.2016.08.024.
- Meyers, Jacob I. et al. (2016). "Increasing outdoor host-seeking in *Anopheles gambiae* over 6 years of vector control on Bioko Island". In: *Malaria Journal* 15. DOI: 10.1186/s12936-016-1286-6.
- Miesner, Anna K. et al. (2016). "The effect of *Pseudo-nitzschia seriata* on grazing and fecundity of *Calanus finmarchicus* and *Calanus glacialis*". In: *Journal Of Plankton Research* 38, pp. 564–574. DOI: 10.1093/plankt/fbw015.
- Milena Gelviz-Gelvez, Sandra et al. (2016). "The Andean Forest Soil Seed Bank in Two Successional Stages in Northeastern Colombia". In: *Botanical Sciences* 94, pp. 713–727. DOI: 10.17129/botsci.666.
- Miller, Timothy J., Jonathan A. Hare, and Larry A. Alade (2016). "A state-space approach to incorporating environmental effects on recruitment in an age-structured assessment model with an application to southern New England yellowtail flounder". In: *Canadian Journal Of Fisheries And Aquatic Sciences* 73, pp. 1261–1270. DOI: 10.1139/cjfas-2015-0339.
- Milligan, Rosanna J. et al. (2016). "Fish communities associated with cold-water corals vary with depth and substratum type". In: *Deep-Sea Re-*

- search Part I-Oceanographic Research Papers* 114, pp. 43–54. DOI: 10.1016/j.dsr.2016.04.011.
- Minte-Vera, Carolina V. et al. (2016). “Growth functions that incorporate the cost of reproduction”. In: *Fisheries Research* 180, pp. 31–44. DOI: 10.1016/j.fishres.2015.10.023.
- Moos, Jan Hendrik et al. (2016). “Occasional reduced tillage in organic farming can promote earthworm performance and resource efficiency”. In: *Applied Soil Ecology* 103, pp. 22–30. DOI: 10.1016/j.apsoil.2016.01.017.
- Morrell, N. et al. (2016). “Nest defense and parental investment in Song Sparrows (*Melospiza melodia*)”. In: *Canadian Journal Of Zoology* 94, pp. 473–477. DOI: 10.1139/cjz-2016-0042.
- Mueller, Gregor et al. (2016). “Alien and native plant establishment in grassland communities is more strongly affected by disturbance than above- and below-ground enemies”. In: *Journal Of Ecology* 104, pp. 1233–1242. DOI: 10.1111/1365-2745.12601.
- Murray, Bryan D. et al. (2016). “Ungulate impacts on herbaceous-layer plant communities in even-aged and uneven-aged managed forests”. In: *Ecosphere* 7. DOI: 10.1002/ecs2.1378.
- Nakayama, Shinnosuke et al. (2016). “Who directs group movement? Leader effort versus follower preference in stickleback fish of different personality”. In: *Biology Letters* 12. DOI: 10.1098/rsbl.2016.0207.
- Neelon, Brian, A. James O’Malley, and Valerie A. Smith (2016). “Modeling zero-modified count and semicontinuous data in health services research Part 1: background and overview”. In: *Statistics In Medicine* 35, pp. 5070–5093. DOI: 10.1002/sim.7050.
- Nesbit, Christopher M. et al. (2016). “Associational resistance or susceptibility: the indirect interaction between chemically-defended and non-defended herbivore prey via a shared predator”. In: *Oikos* 125, pp. 1802–1811. DOI: 10.1111/oik.03157.
- Nishikawa, Yoko and Takashi Shimamura (2016). “Effects of alien invasion by *Bombus terrestris* L. (Apidae) on the visitation patterns of native bumblebees in coastal plants in northern Japan”. In: *Journal Of Insect Conservation* 20, pp. 71–84. DOI: 10.1007/s10841-015-9841-y.
- O’Dea, Eamon B., Harry Snelson, and Shweta Bansal (2016). “Using heterogeneity in the population structure of US swine farms to compare transmission models for porcine epidemic diarrhoea”. In: *Scientific Reports* 6. DOI: 10.1038/srep22248.

- Okamura, Hiroshi, Shiro Ikeda, et al. (2016). “Risk assessment of radioisotope contamination for aquatic living resources in and around Japan”. In: *Proceedings Of The National Academy Of Sciences Of The United States Of America* 113, pp. 3838–3843. DOI: 10.1073/pnas.1519792113.
- Olsen, Erik et al. (2016). “Ecosystem Model Skill Assessment. Yes We Can!” In: *Plos One* 11. DOI: 10.1371/journal.pone.0146467.
- Opedal, Oystein H., Elena Albertsen, W. Scott Armbruster, et al. (2016). “Evolutionary consequences of ecological factors: pollinator reliability predicts mating-system traits of a perennial plant”. In: *Ecology Letters* 19, pp. 1486–1495. DOI: 10.1111/ele.12701.
- Ostevik, Katherine L. et al. (2016). “Multiple reproductive barriers separate recently diverged sunflower ecotypes”. In: *Evolution* 70, pp. 2322–2335. DOI: 10.1111/evo.13027.
- Ovaska, Kristiina, Lennart Sopuck, and David Robichaud (2016). “Short-term Effects of Variable-Retention Logging Practices on Terrestrial Gastropods in Coastal Forests of British Columbia”. In: *Northwest Science* 90, pp. 260–277. DOI: 10.3955/046.090.0304.
- Parent, Chad J. et al. (2016). “Northern bobwhite abundance in relation to precipitation and landscape structure”. In: *Journal Of Wildlife Management* 80, pp. 7–18. DOI: 10.1002/jwmg.992.
- Parker, Alison J., Neal M. Williams, and James D. Thomson (2016). “Specialist pollinators deplete pollen in the spring ephemeral wildflower *Claytonia virginica*”. In: *Ecology And Evolution* 6, pp. 5169–5177. DOI: 10.1002/ece3.2252.
- Parker, Denham et al. (2016). “Evaluating long-term monitoring of temperate reef fishes: A simulation testing framework to compare methods”. In: *Ecological Modelling* 333, pp. 1–10. DOI: 10.1016/j.ecolmodel.2016.04.006.
- Perez, Jonathan H. et al. (2016). “Regulation of vernal migration in Gambel’s white-crowned sparrows: Role of thyroxine and triiodothyronine”. In: *Hormones And Behavior* 84, pp. 50–56. DOI: 10.1016/j.yhbeh.2016.05.021.
- Piner, Kevin R., Hui-Hua Lee, and Mark N. Maunder (2016). “Evaluation of using random-at-length observations and an equilibrium approximation of the population age structure in fitting the von Bertalanffy growth function”. In: *Fisheries Research* 180, pp. 128–137. DOI: 10.1016/j.fishres.2015.05.024.

- Pittarello, M. et al. (2016). "Effects of traditional salt placement and strategically placed mineral mix supplements on cattle distribution in the Western Italian Alps". In: *Grass And Forage Science* 71, pp. 529–539. DOI: 10.1111/gfs.12196.
- Pittarello, Marco, Massimiliano Probo, et al. (2016). "Restoration of sub-alpine shrub-encroached grasslands through pastoral practices: effects on vegetation structure and botanical composition". In: *Applied Vegetation Science* 19, pp. 381–390. DOI: 10.1111/avsc.12222.
- Prichard, Carson G., Edward F. Roseman, et al. (2016). "Large-Scale Changes in Bloater Growth and Condition in Lake Huron". In: *Transactions Of The American Fisheries Society* 145, pp. 1241–1251. DOI: 10.1080/00028487.2016.1214176.
- Punt, Andre E., Malcolm Haddon, and Richard McGarvey (2016). "Estimating growth within size-structured fishery stock assessments: What is the state of the art and what does the future look like?" In: *Fisheries Research* 180, pp. 147–160. DOI: 10.1016/j.fishres.2014.11.007.
- Rahn, Anna K. et al. (2016). "Distribution of common stickleback parasites on North Uist, Scotland, in relation to ecology and host traits". In: *Zoology* 119, pp. 395–402. DOI: 10.1016/j.zool.2016.05.009.
- Riba-Hernandez, Pablo, Jorge Lobo Segura, and Jenny Munoz-Valverde (2016). "Female fruit production depends on female flower production and crown size rather than male density in a continuous population of a tropical dioecious tree (*Virola surinamensis*)". In: *American Journal Of Botany* 103, pp. 1990–1999. DOI: 10.3732/ajb.1600230.
- Roa-Ureta, Ruben H. (2016). "Size-dependent mortality rate profiles". In: *Journal Of Theoretical Biology* 402, pp. 107–116. DOI: 10.1016/j.jtbi.2016.05.012.
- Rodgveller, Cara J. et al. (2016). "Age at maturity, skipped spawning, and fecundity of female sablefish (*Anoplopoma fimbria*) during the spawning season". In: *Fishery Bulletin* 114, pp. 89–102. DOI: 10.7755/FB.114.1.8.
- Sardinas, Hillary S., Lauren C. Ponisio, and Claire Kremen (2016). "Hedgerow presence does not enhance indicators of nest-site habitat quality or nesting rates of ground-nesting bees". In: *Restoration Ecology* 24, pp. 499–505. DOI: 10.1111/rec.12338.
- Shimada, Takahiro et al. (2016). "Sea turtles return home after intentional displacement from coastal foraging areas". In: *Marine Biology* 163. DOI: 10.1007/s00227-015-2771-0.

- Siddeek, M. S. M., J. Zheng, A. E. Punt, and Vicki Vanek (2016). "Estimation of size-transition matrices with and without molt probability for Alaska golden king crab using tag-recapture data". In: *Fisheries Research* 180, pp. 161–168. DOI: 10.1016/j.fishres.2015.04.013.
- Siegfried, Kate I. et al. (2016). "Improving stock assessments through data prioritization". In: *Canadian Journal Of Fisheries And Aquatic Sciences* 73, pp. 1703–1711. DOI: 10.1139/cjfas-2015-0398.
- Sinclair, J. P. et al. (2016). "Male-biased hermaphrodites in a gynodioecious shrub, *Daphne jezoensis*". In: *Plant Biology* 18, pp. 859–867. DOI: 10.1111/plb.12463.
- Sinclair, James S. and Shelley E. Arnott (2016). "Strength in size not numbers: propagule size more important than number in sexually reproducing populations". In: *Biological Invasions* 18, pp. 497–505. DOI: 10.1007/s10530-015-1022-0.
- Siren, A. P. K. et al. (2016). "Spatial ecology and resource selection of a high-elevation American marten (*Martes americana*) population in the north-eastern United States". In: *Canadian Journal Of Zoology* 94, pp. 169–180. DOI: 10.1139/cjz-2015-0148.
- Sivakoff, Frances S. et al. (2016). "Habitat restoration alters adult butterfly morphology and potential fecundity through effects on host plant quality". In: *Ecosphere* 7. DOI: 10.1002/ecs2.1522.
- Stirrup, Oliver T., Abdel G. Babiker, James R. Carpenter, et al. (2016). "Fractional Brownian motion and multivariate-t models for longitudinal biomedical data, with application to CD4 counts in HIV-positive patients". In: *Statistics In Medicine* 35, pp. 1514–1532. DOI: 10.1002/sim.6788.
- Stirrup, Oliver T., Abdel G. Babiker, and Andrew J. Copas (2016). "Combined models for pre- and post-treatment longitudinal biomarker data: an application to CD4 counts in HIV-patients". In: *Bmc Medical Research Methodology* 16. DOI: 10.1186/s12874-016-0187-2.
- Suter, Tobias T. et al. (2016). "Surveillance and Control of *Aedes albopictus* in the Swiss-Italian Border Region: Differences in Egg Densities between Intervention and Non-intervention Areas". In: *Plos Neglected Tropical Diseases* 10. DOI: 10.1371/journal.pntd.0004315.
- Symes, William S. et al. (2016). "Why do we lose protected areas? Factors influencing protected area downgrading, downsizing and degazettement in the tropics and subtropics". In: *Global Change Biology* 22, pp. 656–665. DOI: 10.1111/gcb.13089.

- Szuwalski, Cody S., Mauricio Castrejon, et al. (2016). “An integrated stock assessment for red spiny lobster (*Panulirus penicillatus*) from the Galapagos Marine Reserve”. In: *Fisheries Research* 177, pp. 82–94. DOI: 10.1016/j.fishres.2016.01.002.
- Taylor, Kimberley T., Bruce D. Maxwell, Anibal Pauchard, et al. (2016). “Drivers of plant invasion vary globally: evidence from pine invasions within six ecoregions”. In: *Global Ecology And Biogeography* 25, pp. 96–106. DOI: 10.1111/geb.12391.
- Thomson, Diane M. et al. (2016). “Why are native annual abundances low in invaded grasslands? Testing the effects of competition and seed limitation”. In: *Plant Ecology* 217, pp. 431–442. DOI: 10.1007/s11258-016-0584-y.
- Thorson, James T., James N. Ianelli, Elise A. Larsen, et al. (2016). “Joint dynamic species distribution models: a tool for community ordination and spatio-temporal monitoring”. In: *Global Ecology And Biogeography* 25, pp. 1144–1158. DOI: 10.1111/geb.12464.
- Thorson, James T., Anna Rindorf, et al. (2016). “Density-dependent changes in effective area occupied for sea-bottom-associated marine fishes”. In: *Proceedings Of The Royal Society B-Biological Sciences* 283. DOI: 10.1098/rspb.2016.1853.
- Trzcinski, M. Kurtis and W. Don Bowen (2016). “The recovery of Atlantic halibut: a large, long-lived, and exploited marine predator”. In: *Ices Journal Of Marine Science* 73, pp. 1104–1114. DOI: 10.1093/icesjms/fsv266.
- Tsehay, Iyob, Travis O. Brenden, et al. (2016). “Combining genetics with age/length data to estimate temporal changes in year-class strength of source populations contributing to mixtures”. In: *Fisheries Research* 173, pp. 236–249. DOI: 10.1016/j.fishres.2015.09.004.
- Tsehay, Iyob, Brian M. Roth, and Greg G. Sass (2016). “Exploring optimal walleye exploitation rates for northern Wisconsin Ceded Territory lakes using a hierarchical Bayesian age-structured model”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 73, pp. 1413–1433. DOI: 10.1139/cjfas-2015-0191.
- Uchiyama, Tadayasu, Gordon H. Kruse, and Franz J. Mueter (2016). “A multispecies biomass dynamics model for investigating predator-prey interactions in the Bering Sea groundfish community”. In: *Deep-Sea Research Part I-Topical Studies In Oceanography* 134, pp. 331–349. DOI: 10.1016/j.dsr2.2015.04.019.

- Vetter, Sebastian G. et al. (2016). “Shy is sometimes better: personality and juvenile body mass affect adult reproductive success in wild boars, *Sus scrofa*”. In: *Animal Behaviour* 115, pp. 193–205. DOI: 10.1016/j.anbehav.2016.03.026.
- Vincenzi, Simone, Alain J. Crivelli, et al. (2016). “Trade-offs between accuracy and interpretability in von Bertalanffy random-effects models of growth”. In: *Ecological Applications* 26, pp. 1535–1552. DOI: 10.1890/15-1177.
- Wetzel, William C., Robyn M. Screen, et al. (2016). “Ecosystem engineering by a gall-forming wasp indirectly suppresses diversity and density of herbivores on oak trees”. In: *Ecology* 97, pp. 427–438. DOI: 10.1890/15-1347.1.
- Whyte, S. K. et al. (2016). “Multivariate evaluation of the effectiveness of delousing treatment efficacy of azamethiphos (Salmosan (R)) against the salmon louse (*Lepeophtheirus salmonis*) in Atlantic salmon (*Salmo salar*) using wellboat, skirt and tarpaulin treatment modalities”. In: *Aquaculture* 450, pp. 301–307. DOI: 10.1016/j.aquaculture.2015.08.009.
- Williams, Benjamin C., Gordon H. Kruse, and Martin W. Dorn (2016). “Interannual and Spatial Variability in Maturity of Walleye Pollock *Gadus chalcogrammus* and Implications for Spawning Stock Biomass Estimates in the Gulf of Alaska”. In: *Plos One* 11. DOI: 10.1371/journal.pone.0164797.
- Wright, Boyd R., Peter K. Latz, and A. F. Zuur (2016). “Fire severity mediates seedling recruitment patterns in slender mulga (*Acacia aptaneura*), a fire-sensitive Australian desert shrub with heat-stimulated germination”. In: *Plant Ecology* 217, pp. 789–800. DOI: 10.1007/s11258-015-0550-0.
- Xavier, R. O. et al. (2016). “The role of *Pteridium arachnoideum* (Kaulf) on the seed bank of the endangered Brazilian Cerrado”. In: *Brazilian Journal Of Biology* 76, pp. 256–267. DOI: 10.1590/1519-6984.21814.
- Xiang, Wei, Xiangdong Lei, and Xiongqing Zhang (2016). “Modelling tree recruitment in relation to climate and competition in semi-natural *Larix-Picea-Abies* forests in northeast China”. In: *Forest Ecology And Management* 382, pp. 100–109. DOI: 10.1016/j.foreco.2016.09.050.
- Zhu, Liqin et al. (2016). “Multi-organ Mapping of Cancer Risk”. In: *Cell* 166, pp. 1132–+. DOI: 10.1016/j.cell.2016.07.045.
- Zimmerman, K. C. K., D. A. Levitis, and A. Pringle (2016). “Beyond animals and plants: dynamic maternal effects in the fungus *Neurospora crassa*”.

- In: *Journal Of Evolutionary Biology* 29, pp. 1379–1393. DOI: 10.1111/jeb.12878.
- Zimmerman, K. et al. (2016). “Selection of pairings reaching evenly across the data (SPREAD): A simple algorithm to design maximally informative fully crossed mating experiments”. In: *Heredity* 116, pp. 182–189. DOI: 10.1038/hdy.2015.88.

Publication Year 2015

- Aires-da-Silva, Alexandre M. et al. (2015). “Improved growth estimates from integrated analysis of direct aging and tag-recapture data: An illustration with bigeye tuna (*Thunnus obesus*) of the eastern Pacific Ocean with implications for management”. In: *Fisheries Research* 163, pp. 119–126. DOI: 10.1016/j.fishres.2014.04.001.
- Albertsen, Christoffer Moesgaard, Kim Whoriskey, et al. (2015). “Fast fitting of non-Gaussian state-space models to animal movement data via Template Model Builder”. In: *Ecology* 96, pp. 2598–2604. DOI: 10.1890/14-2101.1.sm.
- Andres Torrella, Sebastian, Ruben Ginzburg, and Leonardo Galetto (2015). “Forest fragmentation in the Argentine Chaco: recruitment and population patterns of dominant tree species”. In: *Plant Ecology* 216, pp. 1499–1510. DOI: 10.1007/s11258-015-0532-2.
- Assis, Rafael L. et al. (2015). “Effects of hydroperiod and substrate properties on tree alpha diversity and composition in Amazonian floodplain forests”. In: *Plant Ecology* 216, pp. 41–54. DOI: 10.1007/s11258-014-0415-y.
- Barthel, Andrea et al. (2015). “Sex-specific consequences of an induced immune response on reproduction in a moth”. In: *Bmc Evolutionary Biology* 15. DOI: 10.1186/s12862-015-0562-3.
- Bassett, Owen D. et al. (2015). “Aerial sowing stopped the loss of alpine ash (*Eucalyptus delegatensis*) forests burnt by three short-interval fires in the Alpine National Park, Victoria, Australia”. In: *Forest Ecology And Management* 342, pp. 39–48. DOI: 10.1016/j.foreco.2015.01.008.
- Bejarano, Sonia et al. (2015). “Relationships of invasive lionfish with topographic complexity, groupers, and native prey fishes in Little Cayman”. In: *Marine Biology* 162, pp. 253–266. DOI: 10.1007/s00227-014-2595-3.
- Belden, Lisa K. et al. (2015). “Panamanian frog species host unique skin bacterial communities”. In: *Frontiers In Microbiology* 6. DOI: 10.3389/fmicb.2015.01171.
- Berthier, David et al. (2015). “A Comparison of Phenotypic Traits Related to Trypanotolerance in Five West African Cattle Breeds Highlights the Value of Shorthorn Taurine Breeds”. In: *Plos One* 10. DOI: 10.1371/journal.pone.0126498.
- Boyd, Charlotte, Ramiro Castillo, et al. (2015). “Predictive modelling of habitat selection by marine predators with respect to the abundance and

- depth distribution of pelagic prey". In: *Journal Of Animal Ecology* 84, pp. 1575–1588. DOI: 10.1111/1365-2656.12409.
- Brenden, Travis O., James R. Bence, Weihai Liu, et al. (2015). "Comparison of the accuracy and consistency of likelihood-based estimation routines for genetic stock identification". In: *Methods In Ecology And Evolution* 6, pp. 817–827. DOI: 10.1111/2041-210X.12377.
- Briard, Lea, Camille Dorn, and Odile Petit (2015). "Personality and Affinities Play a Key Role in the Organisation of Collective Movements in a Group of Domestic Horses". In: *Ethology* 121, pp. 888–902. DOI: 10.1111/eth.12402.
- Bufford, Jennifer L. and Orou G. Gaoue (2015). "Defoliation by pastoralists affects savanna tree seedling dynamics by limiting the facilitative role of canopy cover". In: *Ecological Applications* 25, pp. 1319–1329. DOI: 10.1890/14-0953.1.
- Caputo, Beniamino et al. (2015). "New adhesive traps to monitor urban mosquitoes with a case study to assess the efficacy of insecticide control strategies in temperate areas". In: *Parasites And Vectors* 8. DOI: 10.1186/s13071-015-0734-4.
- Caro, Jesus et al. (2015). "Effects of hunting management on Mediterranean farmland birds". In: *Bird Conservation International* 25, pp. 166–181. DOI: 10.1017/S0959270914000197.
- Carvalho, Felipe, Robert Ahrens, Debra Murie, Keith Bigelow, et al. (2015). "Using pop-up satellite archival tags to inform selectivity in fisheries stock assessment models: a case study for the blue shark in the South Atlantic Ocean". In: *Ices Journal Of Marine Science* 72, pp. 1715–1730. DOI: 10.1093/icesjms/fsv026.
- Carvalho, Joana S. et al. (2015). "Where to Nest? Ecological Determinants of Chimpanzee Nest Abundance and Distribution at the Habitat and Tree Species Scale". In: *American Journal Of Primatology* 77, pp. 186–199. DOI: 10.1002/ajp.22321.
- Corria-Ainslie, Robin, J. Julio Camarero, and Marisol Toledo (2015). "Environmental heterogeneity and dispersal processes influence post-logging seedling establishment in a Chiquitano dry tropical forest". In: *Forest Ecology And Management* 349, pp. 122–133. DOI: 10.1016/j.foreco.2015.03.033.
- Dauber, Jens et al. (2015). "Yield-biodiversity trade-off in patchy fields of *Miscanthus x giganteus*". In: *Global Change Biology Bioenergy* 7, pp. 455–467. DOI: 10.1111/gcbb.12167.

- David, Morgan et al. (2015). “Exploration behavior and parental effort in wild great tits: partners matter”. In: *Behavioral Ecology And Sociobiology* 69, pp. 1085–1095. DOI: 10.1007/s00265-015-1921-1.
- Drury, J. P., C. N. Anderson, and G. F. Grether (2015). “Seasonal polyphenism in wing coloration affects species recognition in rubyspot damselflies (*Hetaerina* spp.)” In: *Journal Of Evolutionary Biology* 28, pp. 1439–1452. DOI: 10.1111/jeb.12665.
- Dunlop, Rebecca A. et al. (2015). “The Behavioural Response of Humpback Whales (*Megaptera novaeangliae*) to a 20 Cubic Inch Air Gun”. In: *Aquatic Mammals* 41, pp. 412–433. DOI: 10.1578/AM.41.4.2015.412.
- Dyer, Joseph J., Thomas A. Worthington, and Shannon K. Brewer (2015). “Response of crayfish to hyporheic water availability and excess sedimentation”. In: *Hydrobiologia* 747, pp. 147–157. DOI: 10.1007/s10750-014-2126-8.
- Essono, Paul Yannick Bitome et al. (2015). “Distribution and abundance of hematophagous flies (Glossinidae, Stomoxys, and Tabanidae) in two national parks of Gabon”. In: *Parasite* 22. DOI: 10.1051/parasite/2015023.
- Fay, Gavin, Jason S. Link, et al. (2015). “Management performance of ecological indicators in the Georges Bank finfish fishery”. In: *Ices Journal Of Marine Science* 72, pp. 1285–1296. DOI: 10.1093/icesjms/fsu214.
- Fayolle, Stephanie et al. (2015). “Does mosquito control by Bti spraying affect the phytoplankton community? A 5-year study in Camargue temporary wetlands (France)”. In: *Annales De Limnologie-International Journal Of Limnology* 51, pp. 189–198. DOI: 10.1051/limn/2015013.
- Feltham, Hannah et al. (2015). “Experimental evidence that wildflower strips increase pollinator visits to crops”. In: *Ecology And Evolution* 5, pp. 3523–3530. DOI: 10.1002/ece3.1444.
- Freitas, Matheus O., Vincius Abilhoa, et al. (2015). “DIET AND REPRODUCTION OF THE GOLIATH GROUPER, *EPINEPHELUS ITAJARA* (ACTINOPTERYGII: PERCIFORMES: SERRANIDAE), IN EASTERN BRAZIL”. In: *Acta Ichthyologica Et Piscatoria* 45, pp. 1–11. DOI: 10.3750/AIP2015.45.1.01.
- Frishkoff, Luke O., Elizabeth A. Hadly, and Gretchen C. Daily (2015). “Thermal niche predicts tolerance to habitat conversion in tropical amphibians and reptiles”. In: *Global Change Biology* 21, pp. 3901–3916. DOI: 10.1111/gcb.13016.

- Gerber, Lorian and Reinhard Furrer (2015). “Pitfalls in the Implementation of Bayesian Hierarchical Modeling of Areal Count Data: An Illustration Using BYM and Leroux Models”. In: *Journal Of Statistical Software* 63, pp. 1–32.
- Gijbels, Pieter et al. (2015). “Experimental fertilization increases amino acid content in floral nectar, fruit set and degree of selfing in the orchid *Gymnadenia conopsea*”. In: *Oecologia* 179, pp. 785–795. DOI: 10.1007/s00442-015-3381-8.
- Goethel, Daniel R., Christopher M. Legault, and Steven X. Cadrin (2015a). “Demonstration of a spatially explicit, tag-integrated stock assessment model with application to three interconnected stocks of yellowtail flounder off of New England”. In: *Ices Journal Of Marine Science* 72, pp. 164–177. DOI: 10.1093/icesjms/fsu014.
- (2015b). “Testing the performance of a spatially explicit tag-integrated stock assessment model of yellowtail flounder (*Limanda ferruginea*) through simulation analysis”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 72, pp. 582–601. DOI: 10.1139/cjfas-2014-0244.
- Griesser, Michael et al. (2015). “Fine-scale kin recognition in the absence of social familiarity in the Siberian jay, a monogamous bird species”. In: *Molecular Ecology* 24, pp. 5726–5738. DOI: 10.1111/mec.13420.
- Grunst, Andrea S. and Melissa L. Grunst (2015). “Context-dependent relationships between multiple sexual pigments and paternal effort”. In: *Behavioral Ecology* 26, pp. 1170–1179. DOI: 10.1093/beheco/arv066.
- Haemaelaenen, Anni et al. (2015). “Host sex and age influence endoparasite burdens in the gray mouse lemur”. In: *Frontiers In Zoology* 12. DOI: 10.1186/s12983-015-0118-9.
- Hammers, Martijn et al. (2015). “Ecological contrasts drive responses of wintering farmland birds to conservation management”. In: *Ecography* 38, pp. 813–821. DOI: 10.1111/ecog.01060.
- Hanselman, Dana H. et al. (2015). “Move it or lose it: movement and mortality of sablefish tagged in Alaska”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 72, pp. 238–251. DOI: 10.1139/cjfas-2014-0251.
- Hare, Jonathan A. et al. (2015). “Re-evaluating the effect of wind on recruitment in Gulf of Maine Atlantic Cod (*Gadus morhua*) using an environmentally-explicit stock recruitment model”. In: *Fisheries Oceanography* 24, pp. 90–105. DOI: 10.1111/fog.12095.
- Harford, William J., Caroline Ton, and Elizabeth A. Babcock (2015). “Simulated mark-recovery for spatial assessment of a spiny lobster (*Panulirus*

- argus) fishery”. In: *Fisheries Research* 165, pp. 42–53. DOI: 10.1016/j.fishres.2014.12.024.
- Harland, H., C. D. MacLeod, and R. Poulin (2015). “Non-linear effects of ocean acidification on the transmission of a marine intertidal parasite”. In: *Marine Ecology Progress Series* 536, pp. 55–64. DOI: 10.3354/meps11416.
- Harrison, Xavier A. (2015). “A comparison of observation-level random effect and Beta-Binomial models for modelling overdispersion in Binomial data in ecology AND evolution”. In: *Peerj* 3. DOI: 10.7717/peerj.1114.
- He, Ji X., James R. Bence, Charles P. Madenjian, et al. (2015). “Coupling age-structured stock assessment and fish bioenergetics models: a system of time-varying models for quantifying piscivory patterns during the rapid trophic shift in the main basin of Lake Huron”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 72, pp. 7–23. DOI: 10.1139/cjfas-2014-0161.
- Hillary, Richard M. and J. Paige Eveson (2015). “Length-based Brownie mark-recapture models: Derivation and application to Indian Ocean skipjack tuna”. In: *Fisheries Research* 163, pp. 141–151. DOI: 10.1016/j.fishres.2014.06.004.
- Hochmuth, Jennifer D. et al. (2015). “Rapid Adaptation of a *Daphnia magna* Population to Metal Stress Is Associated with Heterozygote Excess”. In: *Environmental Science And Technology* 49, pp. 9298–9307. DOI: 10.1021/acs.est.5b00724.
- Hordyk, Adrian et al. (2015). “A novel length-based empirical estimation method of spawning potential ratio (SPR), and tests of its performance, for small-scale, data-poor fisheries”. In: *Ices Journal Of Marine Science* 72, pp. 217–231. DOI: 10.1093/icesjms/fsu004.
- Hurtado-Ferro, Felipe et al. (2015). “Looking in the rear-view mirror: bias and retrospective patterns in integrated, age-structured stock assessment models”. In: *Ices Journal Of Marine Science* 72, pp. 99–110. DOI: 10.1093/icesjms/fsu198.
- Ianelli, James N. and Diana L. Stram (2015). “Estimating impacts of the pollock fishery bycatch on western Alaska Chinook salmon”. In: *Ices Journal Of Marine Science* 72, pp. 1159–1172. DOI: 10.1093/icesjms/fsu173.
- Ichinokawa, Momoko et al. (2015). “Effective time closures: quantifying the conservation benefits of input control for the Pacific chub mackerel fishery”. In: *Ecological Applications* 25, pp. 1566–1584. DOI: 10.1890/14-1216.1.

- Inclan, Diego J., Pierfilippo Cerretti, et al. (2015). "Organic farming enhances parasitoid diversity at the local and landscape scales". In: *Journal Of Applied Ecology* 52, pp. 1102–1109. DOI: 10.1111/1365-2664.12457.
- Isaia, Marco et al. (2015). "Stand maturity affects positively ground-dwelling arthropods in a protected beech forest". In: *Annals Of Forest Science* 72, pp. 415–424. DOI: 10.1007/s13595-014-0441-x.
- Jane, Stephen F. et al. (2015). "Distance, flow and PCR inhibition: eDNA dynamics in two headwater streams". In: *Molecular Ecology Resources* 15, pp. 216–227. DOI: 10.1111/1755-0998.12285.
- Jardim, Ernesto et al. (2015). "What if stock assessment is as simple as a linear model? The a4a initiative". In: *Ices Journal Of Marine Science* 72, pp. 232–236. DOI: 10.1093/icesjms/fsu050.
- Jenkins, David G. (2015). "Estimating ecological production from biomass". In: *Ecosphere* 6. DOI: 10.1890/ES14-00409.1.
- Jenkins, Lindsay H. et al. (2015). "Woody regeneration response to over a decade of deer population reductions in Indiana state parks". In: *Journal Of The Torrey Botanical Society* 142, pp. 205–219. DOI: 10.3159/TORREY-D-14-00047.1.
- Jones, Michael L., Travis O. Brenden, and Brian J. Irwin (2015). "Re-examination of sea lamprey control policies for the St. Marys River: completion of an adaptive management cycle". In: *Canadian Journal Of Fisheries And Aquatic Sciences* 72, pp. 1538–1551. DOI: 10.1139/cjfas-2014-0567.
- Jonsson, Annelie M. et al. (2015). "Sown flower strips in southern Sweden increase abundances of wild bees and hoverflies in the wider landscape". In: *Biological Conservation* 184, pp. 51–58. DOI: 10.1016/j.biocon.2014.12.027.
- Kelly, Ruth, Chris Harrod, et al. (2015). "Effects of *Elodea nuttallii* on temperate freshwater plants, microalgae and invertebrates: small differences between invaded and uninvaded areas". In: *Biological Invasions* 17, pp. 2123–2138. DOI: 10.1007/s10530-015-0865-8.
- Kinzey, Douglas, George M. Watters, and Christian S. Reiss (2015). "Selectivity and two biomass measures in an age-based assessment of Antarctic krill (*Euphausia superba*)". In: *Fisheries Research* 168, pp. 72–84. DOI: 10.1016/j.fishres.2015.03.023.
- Kotwicki, Stan, John K. Horne, et al. (2015). "Factors affecting the availability of walleye pollock to acoustic and bottom trawl survey gear". In: *Ices Journal Of Marine Science* 72, pp. 1425–1439. DOI: 10.1093/icesjms/fsv011.

- Lamerre, Justine et al. (2015). "Productivity of poplar short rotation coppice in an alley-cropping agroforestry system". In: *Agroforestry Systems* 89, pp. 933–942. DOI: 10.1007/s10457-015-9825-7.
- Le Rouzic, Arnaud et al. (2015). "Evolutionary Time-Series Analysis Reveals the Signature of Frequency-Dependent Selection on a Female Mating Polymorphism". In: *American Naturalist* 185, E182–E196. DOI: 10.1086/680982.
- Li, Yang, James R. Bence, and Travis O. Brenden (2015). "An evaluation of alternative assessment approaches for intermixing fish populations: a case study with Great Lakes lake whitefish". In: *Ices Journal Of Marine Science* 72, pp. 70–81. DOI: 10.1093/icesjms/fsu057.
- Lin, Yun et al. (2015). "Age-associated telomere attrition of lymphocytes in vivo is co-ordinated with changes in telomerase activity, composition of lymphocyte subsets and health conditions". In: *Clinical Science* 128, pp. 367–377. DOI: 10.1042/CS20140481.
- Lumley, Alyson J., Lukasz Michalczyk, et al. (2015). "Sexual selection protects against extinction". In: *Nature* 522, pp. 470–+. DOI: 10.1038/nature14419.
- Luncz, Lydia V. and Christophe Boesch (2015). "The Extent of Cultural Variation Between Adjacent Chimpanzee (*Pan troglodytes verus*) Communities; A Microecological Approach". In: *American Journal Of Physical Anthropology* 156, pp. 67–75. DOI: 10.1002/ajpa.22628.
- Mabille, Geraldine et al. (2015). "Sheep farming and large carnivores: What are the factors influencing claimed losses?" In: *Ecosphere* 6. DOI: 10.1890/ES14-00444.1.
- Magnusson, M. et al. (2015). "Spatial and temporal variation of hantavirus bank vole infection in managed forest landscapes". In: *Ecosphere* 6. DOI: 10.1890/ES15-00039.1.
- Mair, Colette et al. (2015). "A Bayesian generalized random regression model for estimating heritability using overdispersed count data". In: *Genetics Selection Evolution* 47. DOI: 10.1186/s12711-015-0125-5.
- Martinez-Varea, Alicia et al. (2015). "The Maternal Cytokine and Chemokine Profile of Naturally Conceived Gestations Is Mainly Preserved during In Vitro Fertilization and Egg Donation Pregnancies". In: *Journal Of Immunology Research*. DOI: 10.1155/2015/128616.
- Maunder, Mark N., Richard B. Deriso, and Charles H. Hanson (2015). "Use of state-space population dynamics models in hypothesis testing: advantages over simple log-linear regressions for modeling survival, illustrated

- with application to longfin smelt (*Spirinchus thaleichthys*)". In: *Fisheries Research* 164, pp. 102–111. DOI: 10.1016/j.fishres.2014.10.017.
- Maunder, Mark N. and Kevin R. Piner (2015). "Contemporary fisheries stock assessment: many issues still remain". In: *Ices Journal Of Marine Science* 72, pp. 7–18. DOI: 10.1093/icesjms/fsu015.
- Merkling, Thomas et al. (2015). "Identifying the selective pressures underlying offspring sex-ratio adjustments: a case study in a wild seabird". In: *Behavioral Ecology* 26, pp. 916–925. DOI: 10.1093/beheco/arv032.
- Meyer-Gutbrod, Erin L., Charles H. Greene, et al. (2015). "Climate-associated changes in prey availability drive reproductive dynamics of the North Atlantic right whale population". In: *Marine Ecology Progress Series* 535, pp. 243–258. DOI: 10.3354/meps11372.
- Mitchell, Numi et al. (2015). "Space use by resident and transient coyotes in an urban-rural landscape mosaic". In: *Wildlife Research* 42, pp. 461–469. DOI: 10.1071/WR15020.
- Moor, C. L. de and D. S. Butterworth (2015). "Assessing the South African sardine resource: two stocks rather than one?" In: *African Journal Of Marine Science* 37, pp. 41–51. DOI: 10.2989/1814232X.2015.1009166.
- Moreno-Fernandez, Daniel et al. (2015). "Alternative approaches to assessing the natural regeneration of Scots pine in a Mediterranean forest". In: *Annals Of Forest Science* 72, pp. 569–583. DOI: 10.1007/s13595-015-0479-4.
- Moreno-Opo, Ruben et al. (2015). "Is It Necessary Managing Carnivores to Reverse the Decline of Endangered Prey Species? Insights from a Removal Experiment of Mesocarnivores to Benefit Demographic Parameters of the Pyrenean Capercaillie". In: *Plos One* 10. DOI: 10.1371/journal.pone.0139837.
- Morken, N. -H. et al. (2015). "Obstetric and Neonatal Outcome of Pregnancies Fathered by Males on Immunosuppression After Solid Organ Transplantation". In: *American Journal Of Transplantation* 15, pp. 1666–1673. DOI: 10.1111/ajt.13159.
- Morrow, Michael E. et al. (2015). "Indirect effects of red imported fire ants on Attwater's prairie-chicken brood survival". In: *Journal Of Wildlife Management* 79, pp. 898–906. DOI: 10.1002/jwmg.915.
- Moser, Dietmar et al. (2015). "Changes in plant life-form, pollination syndrome and breeding system at a regional scale promoted by land use intensity". In: *Diversity And Distributions* 21, pp. 1319–1328. DOI: 10.1111/ddi.12353.

- Moura Barboza, Carlos Alberto de, Cesar C. Martins, and Paulo da Cunha Lana (2015). “Dissecting the distribution of brittle stars along a sewage pollution gradient indicated by organic markers”. In: *Marine Pollution Bulletin* 100, pp. 438–444. DOI: 10.1016/j.marpolbul.2015.08.008.
- Nielsen, Karina, Lars Stenseng, Ole B. Andersen, et al. (2015). “Validation of CryoSat-2 SAR mode based lake levels”. In: *Remote Sensing Of Environment* 171, pp. 162–170. DOI: 10.1016/j.rse.2015.10.023.
- Oedekoven, Cornelia S., Jeffrey L. Laake, and Hans J. Skaug (2015). “Distance sampling with a random scale detection function”. In: *Environmental And Ecological Statistics* 22, pp. 725–737. DOI: 10.1007/s10651-015-0316-9.
- Ogawa, Masahiro et al. (2015). “How do biparental species optimally provision young when begging is honest?” In: *Behavioral Ecology* 26, pp. 885–899. DOI: 10.1093/beheco/arv028.
- Oigard, Tor Arne and Hans J. Skaug (2015). “Fitting state-space models to seal populations with scarce data”. In: *Ices Journal Of Marine Science* 72, pp. 1462–1469. DOI: 10.1093/icesjms/fsu195.
- Orden, Mirjam L. van et al. (2015). “Five-Year Mental Health Care Use by Patients Referred to Collaborative Care or to Specialized Care”. In: *Psychiatric Services* 66, pp. 840–844. DOI: 10.1176/appi.ps.201400238.
- Owen, Kylie, Joseph D. Warren, et al. (2015). “Effect of prey type on the fine-scale feeding behaviour of migrating east Australian humpback whales”. In: *Marine Ecology Progress Series* 541, pp. 231–244. DOI: 10.3354/meps11551.
- Panikian, Garo, James Cussens, and Jonathan W. Pitchford (2015). “Identification and quantification of heteroscedasticity in stock-recruitment relationships”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 72, pp. 1259–1271. DOI: 10.1139/cjfas-2014-0549.
- Park, Mia G. et al. (2015). “Negative effects of pesticides on wild bee communities can be buffered by landscape context”. In: *Proceedings Of The Royal Society B-Biological Sciences* 282. DOI: 10.1098/rspb.2015.0299.
- Parker, Alison J., Jennifer L. Tran, et al. (2015). “Pollen packing affects the function of pollen on corbiculate bees but not non-corbiculate bees”. In: *Arthropod-Plant Interactions* 9, pp. 197–203. DOI: 10.1007/s11829-015-9358-z.
- Pike, Thomas W. (2015). “Interference coloration as an anti-predator defence”. In: *Biology Letters* 11. DOI: 10.1098/rsbl.2015.0159.

- Planillo, Aimara, Stephanie Kramer-Schadt, and Juan E. Malo (2015). “Transport Infrastructure Shapes Foraging Habitat in a Raptor Community”. In: *Plos One* 10. DOI: 10.1371/journal.pone.0118604.
- Potts, Danielle D., Heather A. Dawson, and Michael L. Jones (2015). “Validation of a relationship between statolith size and age of larval Great Lakes sea lamprey (*Petromyzon marinus*)”. In: *Environmental Biology Of Fishes* 98, pp. 1859–1869. DOI: 10.1007/s10641-015-0403-7.
- Pozgayova, Milica et al. (2015). “Lazy males and hardworking females? Sexual conflict over parental care in a brood parasite host and its consequences for chick growth”. In: *Behavioral Ecology And Sociobiology* 69, pp. 1053–1061. DOI: 10.1007/s00265-015-1918-9.
- Pruetz, J. D. et al. (2015). “New evidence on the tool-assisted hunting exhibited by chimpanzees (*Pan troglodytes verus*) in a savannah habitat at Fongoli, Senegal”. In: *Royal Society Open Science* 2. DOI: 10.1098/rsos.140507.
- Rakhimberdiev, Eldar et al. (2015). “Seasonal mortality and sequential density dependence in a migratory bird”. In: *Journal Of Avian Biology* 46, pp. 332–341. DOI: 10.1111/jav.00701.
- Redmond, Miranda D. et al. (2015). “Woodland recovery following drought-induced tree mortality across an environmental stress gradient”. In: *Global Change Biology* 21, pp. 3685–3695. DOI: 10.1111/gcb.12976.
- Requena, Gustavo S. and Glauco Machado (2015). “Effects of egg attendance on male mating success in a harvestman with exclusive paternal care”. In: *Behavioral Ecology* 26, pp. 926–935. DOI: 10.1093/beheco/arv035.
- Rigall, Lucie, Andrew J. J. MacIntosh, et al. (2015). “Multimodal Advertisement of Pregnancy in Free-Ranging Female Japanese Macaques (*Macaca fuscata*)”. In: *Plos One* 10. DOI: 10.1371/journal.pone.0135127.
- Roa-Ureta, Ruben H. et al. (2015). “Hierarchical statistical framework to combine generalized depletion models and biomass dynamic models in the stock assessment of the Chilean sea urchin (*Loxechinus albus*) fishery”. In: *Fisheries Research* 171, pp. 59–67. DOI: 10.1016/j.fishres.2014.12.006.
- Robinson, William M. L., Douglas S. Butterworth, and Eva E. Plaganyi (2015). “Quantifying the projected impact of the South African sardine fishery on the Robben Island penguin colony”. In: *Ices Journal Of Marine Science* 72, pp. 1822–1833. DOI: 10.1093/icesjms/fsv035.
- Rozman, Andrej et al. (2015). “Forest regeneration dynamics following bark beetle outbreak in Norway spruce stands: Influence of meso-relief, forest

- edge distance and deer browsing”. In: *Forest Ecology And Management* 353, pp. 196–207. DOI: 10.1016/j.foreco.2015.04.028.
- Schar, Sami et al. (2015). “Reduced entomopathogen abundance in *Myrmica* ant nests-testing a possible immunological benefit of myrmecophily using *Galleria mellonella* as a model”. In: *Royal Society Open Science* 2. DOI: 10.1098/rsos.150474.
- Schuerman, William L., Antje Meyer, and James M. McQueen (2015). “Do We Perceive Others Better than Ourselves? A Perceptual Benefit for Noise-Vocoded Speech Produced by an Average Speaker”. In: *Plos One* 10. DOI: 10.1371/journal.pone.0129731.
- Sette, C. M., V. T. Vredenburg, and A. G. Zink (2015). “Reconstructing historical and contemporary disease dynamics: A case study using the California slender salamander”. In: *Biological Conservation* 192, pp. 20–29. DOI: 10.1016/j.biocon.2015.08.039.
- Siddle, Katherine J. et al. (2015). “Bacterial Infection Drives the Expression Dynamics of microRNAs and Their isomiRs”. In: *Plos Genetics* 11. DOI: 10.1371/journal.pgen.1005064.
- Sinclair, James S., Katrina J. Furlanetto, and Shelley E. Arnott (2015). “Dispersal acts as both bane and balm for invaded zooplankton communities”. In: *Journal Of Plankton Research* 37, pp. 462–471. DOI: 10.1093/plankt/fbv007.
- Sippel, Tim et al. (2015). “Using movement data from electronic tags in fisheries stock assessment: A review of models, technology and experimental design”. In: *Fisheries Research* 163, pp. 152–160. DOI: 10.1016/j.fishres.2014.04.006.
- Staudacher, H., S. B. J. Menken, and A. T. Groot (2015). “Effects of immune challenge on the oviposition strategy of noctuid moth”. In: *Journal Of Evolutionary Biology* 28, pp. 1568–1577. DOI: 10.1111/jeb.12677.
- Stenberg, C. et al. (2015). “Long-term effects of an offshore wind farm in the North Sea on fish communities”. In: *Marine Ecology Progress Series* 528, pp. 257–265. DOI: 10.3354/meps11261.
- Stevenson, Ben C., David L. Borchers, et al. (2015). “A general framework for animal density estimation from acoustic detections across a fixed microphone array”. In: *Methods In Ecology And Evolution* 6, pp. 38–48. DOI: 10.1111/2041-210X.12291.
- Szipl, Georgine, Markus Boeckle, et al. (2015). “With whom to dine? Ravens’ responses to food-associated calls depend on individual characteristics

- of the caller". In: *Animal Behaviour* 99, pp. 33–42. DOI: 10.1016/j.anbehav.2014.10.015.
- Szuwalski, Cody S. and Andre E. Punt (2015). "Can an aggregate assessment reflect the dynamics of a spatially structured stock? Snow crab in the eastern Bering Sea as a case study". In: *Fisheries Research* 164, pp. 135–142. DOI: 10.1016/j.fishres.2014.10.020.
- Takkis, Krista, Thomas Tscheulin, Panagiotis Tsalkatis, et al. (2015). "Climate change reduces nectar secretion in two common Mediterranean plants". In: *Aob Plants* 7. DOI: 10.1093/aobpla/plv111.
- Thorson, James T., Allan C. Hicks, and Richard D. Methot (2015). "Random effect estimation of time-varying factors in Stock Synthesis". In: *Ices Journal Of Marine Science* 72, pp. 178–185. DOI: 10.1093/icesjms/fst211.
- Vandergoot, Christopher S. and Travis O. Brenden (2015). "Accuracy and precision of fishery and demographic estimates from a spatial tag-recovery model when inter-regional movements are treated as fixed". In: *Fisheries Research* 164, pp. 8–25. DOI: 10.1016/j.fishres.2014.10.005.
- Vaudor, Lise et al. (2015). "How sampling influences the statistical power to detect changes in abundance: an application to river restoration". In: *Freshwater Biology* 60, pp. 1192–1207. DOI: 10.1111/fwb.12513.
- Walker, Steven C. (2015). "Indirect gradient analysis by Markov-chain Monte Carlo". In: *Plant Ecology* 216, pp. 697–708. DOI: 10.1007/s11258-015-0467-7.
- Wang, Sheng-Ping et al. (2015). "Influence of model misspecification, temporal changes, and data weighting in stock assessment models: Application to swordfish (*Xiphias gladius*) in the Indian Ocean". In: *Fisheries Research* 166, pp. 119–128. DOI: 10.1016/j.fishres.2014.08.004.
- Watkins, Carson J. et al. (2015). "Patterns of Fish Assemblage Structure and Habitat Use among Main- and Side-Channel Environments in the Lower Kootenai River, Idaho". In: *Transactions Of The American Fisheries Society* 144, pp. 1340–1355. DOI: 10.1080/00028487.2015.1069756.
- Wetzel, William C. and Donald R. Strong (2015). "Host selection by an insect herbivore with spatially variable density dependence". In: *Oecologia* 179, pp. 777–784. DOI: 10.1007/s00442-015-3378-3.
- Wood, Chelsea L. et al. (2015). "Productivity and fishing pressure drive variability in fish parasite assemblages of the Line Islands, equatorial Pacific". In: *Ecology* 96, pp. 1383–1398. DOI: 10.1890/13-2154.1.
- Worthington, T. A. et al. (2015). "The effects of a thermal discharge on the macroinvertebrate community of a large British river: implications for

- climate change”. In: *Hydrobiologia* 753, pp. 81–95. DOI: 10.1007/s10750-015-2197-1.
- Wyman, Katherine E. and Francesca J. Cuthbert (2015). “Species Identity and Nest Location Predict Agonistic Interactions at a Breeding Colony of Double-crested Cormorants (*Phalacrocorax auritus*) and Great Blue Herons (*Ardea herodias*)”. In: *Waterbirds* 38, pp. 201–207. DOI: 10.1675/063.038.0210.
- Yong, Lengxob et al. (2015). “Intrasexual competition and throat color evolution in female three-spined sticklebacks”. In: *Behavioral Ecology* 26, pp. 1030–1038. DOI: 10.1093/beheco/arv037.
- Zarybnicka, Marketa et al. (2015). “Reproductive responses of temperate and boreal Tengmalm’s Owl *Aegolius funereus* populations to spatial and temporal variation in prey availability”. In: *Ibis* 157, pp. 369–383. DOI: 10.1111/ibi.12244.
- Zee, Els M. van der et al. (2015). “Habitat modification drives benthic trophic diversity in an intertidal soft-bottom ecosystem”. In: *Journal Of Experimental Marine Biology And Ecology* 465, pp. 41–48. DOI: 10.1016/j.jembe.2015.01.001.

Publication Year 2014

- Ahrens, R. N. M. and W. E. Pine (2014). “Informing Recovery Goals Based on Historical Population Size and Extant Habitat: A Case Study of the Gulf Sturgeon”. In: *Marine And Coastal Fisheries* 6, pp. 274–286. DOI: 10.1080/19425120.2014.976679.
- Ala-Honkola, Outi et al. (2014). “Copulation duration, but not paternity share, potentially mediates inbreeding avoidance in *Drosophila montana*”. In: *Behavioral Ecology And Sociobiology* 68, pp. 2013–2021. DOI: 10.1007/s00265-014-1807-7.
- Anderson, Sean C. et al. (2014). “ss3sim: An R Package for Fisheries Stock Assessment Simulation with Stock Synthesis”. In: *Plos One* 9. DOI: 10.1371/journal.pone.0092725.
- Arancibia Gutierrez, Beatriz et al. (2014). “NESTED RELATIVES CLAUSES PROCESSING, WORKING MEMORY, AND AGING”. In: *Rla-Revista De Linguistica Teorica Y Aplicada* 52, pp. 155–179.
- Barbeaux, Steven J., John K. Horne, and James N. Ianelli (2014). “A novel approach for estimating location and scale specific fishing exploitation rates of eastern Bering Sea walleye pollock (*Theragra chalcogramma*)”. In: *Fisheries Research* 153, pp. 69–82. DOI: 10.1016/j.fishres.2014.01.004.
- Berg, Casper W., Anders Nielsen, and Kasper Kristensen (2014). “Evaluation of alternative age-based methods for estimating relative abundance from survey data in relation to assessment models”. In: *Fisheries Research* 151, pp. 91–99. DOI: 10.1016/j.fishres.2013.10.005.
- Biuw, Martin et al. (2014). “Long-term Impacts of Contrasting Management of Large Ungulates in the Arctic Tundra-Forest Ecotone: Ecosystem Structure and Climate Feedback”. In: *Ecosystems* 17, pp. 890–905. DOI: 10.1007/s10021-014-9767-3.
- Boyd, Charlotte, Andre E. Punt, et al. (2014). “Movement models provide insights into variation in the foraging effort of central place foragers”. In: *Ecological Modelling* 286, pp. 13–25. DOI: 10.1016/j.ecolmodel.2014.03.015.
- Braun, Michael (2014). “trust Optim : An R Package for Trust Region Optimization with Sparse Hessians”. In: *Journal Of Statistical Software* 60.
- Brondeel, Ruben et al. (2014). “Use of healthcare services in the residence and workplace neighbourhood: The effect of spatial accessibility to health-

- care services". In: *Health And Place* 30, pp. 127–133. DOI: 10.1016/j.healthplace.2014.09.004.
- Bryson, Elizabeth S., Geoffrey C. Trussell, and Patrick J. Ewanchuk (2014). "Broad-scale geographic variation in the organization of rocky intertidal communities in the Gulf of Maine". In: *Ecological Monographs* 84, pp. 579–597. DOI: 10.1890/13-1106.1.
- Buckley, James and Jon R. Bridle (2014). "Loss of adaptive variation during evolutionary responses to climate change". In: *Ecology Letters* 17, pp. 1316–1325. DOI: 10.1111/ele.12340.
- Cadigan, N. G., M. J. Morgan, and J. Bratley (2014). "Improved estimation and forecasts of stock maturities using generalised linear mixed models with auto-correlated random effects". In: *Fisheries Management And Ecology* 21, pp. 343–356. DOI: 10.1111/fme.12080.
- Carvalho, Felipe, Robert Ahrens, Debra Murie, Jose M. Ponciano, et al. (2014). "Incorporating specific change points in catchability in fisheries stock assessment models: An alternative approach applied to the blue shark (*Prionace glauca*) stock in the south Atlantic Ocean". In: *Fisheries Research* 154, pp. 135–146. DOI: 10.1016/j.fishres.2014.01.022.
- Chantrey, Julian et al. (2014). "European red squirrel population dynamics driven by squirrelpox at a gray squirrel invasion interface". In: *Ecology And Evolution* 4, pp. 3788–3799. DOI: 10.1002/ece3.1216.
- Chiyo, Patrick I. et al. (2014). "The influence of forage, protected areas, and mating prospects on grouping patterns of male elephants". In: *Behavioral Ecology* 25, pp. 1494–1504. DOI: 10.1093/beheco/aru152.
- Choney, Gary E. et al. (2014). "Swan grazing on seagrass: abundance but not grazing pressure varies over an annual cycle in a temperate estuary". In: *Marine And Freshwater Research* 65, pp. 738–749. DOI: 10.1071/MF13126.
- Citta, John J., Lori T. Quakenbush, and Brian D. Taras (2014). "Estimation of calf:cow ratios of Pacific walruses for use in population modeling and monitoring". In: *Marine Mammal Science* 30, pp. 20–43. DOI: 10.1111/mms.12013.
- Colton, A. R. et al. (2014). "An evaluation of the synchronization in the dynamics of blue crab (*Callinectes sapidus*) populations in the western Atlantic". In: *Fisheries Oceanography* 23, pp. 132–146. DOI: 10.1111/fog.12048.
- Correia, A. C. et al. (2014). "Carbon sink strength of a Mediterranean cork oak understorey: how do semi-deciduous and evergreen shrubs face sum-

- mer drought?” In: *Journal Of Vegetation Science* 25, pp. 411–426. DOI: 10.1111/jvs.12102.
- Di Virgilio, Agustina, Guillermo C. Amico, and Juan Manuel Morales (2014). “Behavioral traits of the arboreal marsupial *Dromiciops gliroides* during *Tristerix corymbosus* fruiting season”. In: *Journal Of Mammalogy* 95, pp. 1189–1198. DOI: 10.1644/13-MAMM-A-281.
- Drury, J. P. and G. F. Grether (2014). “Interspecific aggression, not interspecific mating, drives character displacement in the wing coloration of male rubyspot damselflies (*Hetaerina*)”. In: *Proceedings Of The Royal Society B-Biological Sciences* 281. DOI: 10.1098/rspb.2014.1737.
- Elvarsson, B. P. et al. (2014). “A bootstrap method for estimating bias and variance in statistical fisheries modelling frameworks using highly disparate datasets”. In: *African Journal Of Marine Science* 36, pp. 99–110. DOI: 10.2989/1814232X.2014.897253.
- Fagerli, Camilla With et al. (2014). “Predators of the destructive sea urchin *Strongylocentrotus droebachiensis* on the Norwegian coast”. In: *Marine Ecology Progress Series* 502, pp. 207–218. DOI: 10.3354/meps10701.
- Fielder, David G. and James R. Bence (2014). “Integration of Auxiliary Information in Statistical Catch-at-Age (SCA) Analysis of the Saginaw Bay Stock of Walleye in Lake Huron”. In: *North American Journal Of Fisheries Management* 34, pp. 970–987. DOI: 10.1080/02755947.2014.938141.
- Fitzpatrick, Luisa J. et al. (2014). “Male-female relatedness and patterns of male reproductive investment in guppies”. In: *Biology Letters* 10. DOI: 10.1098/rsbl.2014.0166.
- Foth, Justyn R. et al. (2014). “Aquatic Invertebrate Abundance and Biomass in Arkansas, Mississippi, and Missouri Bottomland Hardwood Forests During Winter”. In: *Journal Of Fish And Wildlife Management* 5, pp. 243–251. DOI: 10.3996/092013-JFWM-061.
- Fuller, Lauren et al. (2014). “Ground-dwelling spider diversity in rare European oak and yew woodlands and the impact of grazing”. In: *Biodiversity And Conservation* 23, pp. 1911–1929. DOI: 10.1007/s10531-014-0695-5.
- Garner, Steven B., III Patterson William F., Clay E. Porch, and Joseph H. Tarnecki (2014). “Experimental Assessment of Circle Hook Performance and Selectivity in the Northern Gulf of Mexico Recreational Reef Fish Fishery”. In: *Marine And Coastal Fisheries* 6, pp. 235–246. DOI: 10.1080/19425120.2014.952463.

- Gazey, William J. et al. (2014). "Accounting for Fishing Mortality When Comparing Density-Dependent with Density-Independent Mortality in Gulf of Mexico Red Snapper: Response to Comment". In: *North American Journal Of Fisheries Management* 34, pp. 352–358. DOI: 10.1080/02755947.2014.880763.
- Geurts, K., M. W. Mwatawala, and M. De Meyer (2014). "Dominance of an invasive fruit fly species, *Bactrocera invadens*, along an altitudinal transect in Morogoro, Eastern Central Tanzania". In: *Bulletin Of Entomological Research* 104, pp. 288–294. DOI: 10.1017/S0007485313000722.
- Grear, Jason S. et al. (2014). "The effectiveness of permethrin-treated deer stations for control of the Lyme disease vector *Ixodes scapularis* on Cape Cod and the islands: a five-year experiment". In: *Parasites And Vectors* 7. DOI: 10.1186/1756-3305-7-292.
- Greene, Lydia K. and Christine M. Drea (2014). "Love is in the air: sociality and pair bondedness influence sifaka reproductive signalling". In: *Animal Behaviour* 88, pp. 147–156. DOI: 10.1016/j.anbehav.2013.11.019.
- Harrison, Xavier A. (2014). "Using observation-level random effects to model overdispersion in count data in ecology and evolution". In: *Peerj* 2. DOI: 10.7717/peerj.616.
- Heiduschka, G. et al. (2014). "The effect of resveratrol in combination with irradiation and chemotherapy Study using Merkel cell carcinoma cell lines". In: *Strahlentherapie Und Onkologie* 190, pp. 75–80. DOI: 10.1007/s00066-013-0445-8.
- Heuschele, Jan et al. (2014). "Non-consumptive effects of predator presence on copepod reproduction: insights from a mesocosm experiment". In: *Marine Biology* 161, pp. 1653–1666. DOI: 10.1007/s00227-014-2449-z.
- Hohenstein, Sven and Reinhold Kliegl (2014). "Semantic Preview Benefit During Reading". In: *Journal Of Experimental Psychology-Learning Memory And Cognition* 40, pp. 166–190. DOI: 10.1037/a0033670.
- Hulson, Peter-John F. and Dana H. Hanselman (2014). "Tradeoffs between bias, robustness, and common sense when choosing selectivity forms". In: *Fisheries Research* 158, pp. 63–73. DOI: 10.1016/j.fishres.2013.12.016.
- Johnson, Nicholas S., William D. Swink, et al. (2014). "Survival and metamorphosis of low-density populations of larval sea lampreys (*Petromyzon marinus*) in streams following lampricide treatment". In: *Journal Of Great Lakes Research* 40, pp. 155–163. DOI: 10.1016/j.jglr.2013.12.005.

- Kedem, Hadar et al. (2014). “Multiple effects of host-species diversity on coexisting host-specific and host-opportunistic microbes”. In: *Ecology* 95, pp. 1173–1183. DOI: 10.1890/13-0678.1.
- Kelly, Ruth, Katie Leach, et al. (2014). “Combining global climate and regional landscape models to improve prediction of invasion risk”. In: *Diversity And Distributions* 20, pp. 884–894. DOI: 10.1111/ddi.12194.
- Kitzes, Justin and Adina Merenlender (2014). “Large Roads Reduce Bat Activity across Multiple Species”. In: *Plos One* 9. DOI: 10.1371/journal.pone.0096341.
- Kotwicki, Stan, James N. Ianelli, and Andre E. Punt (2014). “Correcting density-dependent effects in abundance estimates from bottom-trawl surveys”. In: *Ices Journal Of Marine Science* 71, pp. 1107–1116. DOI: 10.1093/icesjms/fst208.
- Kristoffersen, Anja B. et al. (2014). “Large scale modelling of salmon lice (*Lepeophtheirus salmonis*) infection pressure based on lice monitoring data from Norwegian salmonid farms”. In: *Epidemics* 9, pp. 31–39. DOI: 10.1016/j.epidem.2014.09.007.
- Laszlo, Zoltan, Laszlo Rakosy, and Bela Tothmeresz (2014). “Landscape and local variables benefit rare species and common ones differently”. In: *Journal Of Insect Conservation* 18, pp. 1203–1213. DOI: 10.1007/s10841-014-9734-5.
- Le Saout, Soizic et al. (2014). “Short-term effects of hunting on naive black-tailed deer (*Odocoileus hemionus sitkensis*): behavioural response and consequences on vegetation growth”. In: *Canadian Journal Of Zoology* 92, pp. 915–925. DOI: 10.1139/cjz-2014-0122.
- Lee, Hui-Hua, Kevin R. Piner, et al. (2014). “Use of likelihood profiling over a global scaling parameter to structure the population dynamics model: An example using blue marlin in the Pacific Ocean”. In: *Fisheries Research* 158, pp. 138–146. DOI: 10.1016/j.fishres.2013.12.017.
- Legault, Christopher M. (2014). “The ability of two age composition error distributions to estimate selectivity and spawning stock biomass in simulated stock assessments”. In: *Fisheries Research* 158, pp. 172–180. DOI: 10.1016/j.fishres.2013.12.007.
- Leopardas, Venus, Wilfredo Uy, and Masahiro Nakaoka (2014). “Benthic macrofaunal assemblages in multispecific seagrass meadows of the southern Philippines: Variation among vegetation dominated by different seagrass species”. In: *Journal Of Experimental Marine Biology And Ecology* 457, pp. 71–80. DOI: 10.1016/j.jembe.2014.04.006.

- Lestang, Simon de (2014). “The orientation and migratory dynamics of the western rock lobster, *Panulirus cygnus*, in Western Australia”. In: *Ices Journal Of Marine Science* 71, pp. 1052–1063. DOI: 10.1093/icesjms/fst205.
- Mammola, Stefano and Marco Isaia (2014). “Niche differentiation in *Meta bourneti* and *M-menardi* (Araneae, Tetragnathidae) with notes on the life history”. In: *International Journal Of Speleology* 43, pp. 343–353. DOI: 10.5038/1827-806X.43.3.11.
- Martorell, Carlos and Robert P. Freckleton (2014). “Testing the roles of competition, facilitation and stochasticity on community structure in a species-rich assemblage”. In: *Journal Of Ecology* 102, pp. 74–85. DOI: 10.1111/1365-2745.12173.
- McIntyre, Patrick J. and Sharon Y. Strauss (2014). “Phenotypic and trans-generational plasticity promote local adaptation to sun and shade environments”. In: *Evolutionary Ecology* 28, pp. 229–246. DOI: 10.1007/s10682-013-9670-y.
- Miller, Alicia S. et al. (2014). “Retrospective analysis of Atlantic salmon (*Salmo salar*) marine growth and condition in the northwest Atlantic based on tag-recovery data”. In: *Fisheries Oceanography* 23, pp. 103–115. DOI: 10.1111/fog.12045.
- Morello, Elisabetta B. et al. (2014). “Model to manage and reduce crown-of-thorns starfish outbreaks”. In: *Marine Ecology Progress Series* 512, pp. 167–183. DOI: 10.3354/meps10858.
- Mori, Boyd A. and Maya L. Evenden (2014). “Efficacy and Mechanisms of Communication Disruption of the Red Clover Casebearer Moth (*Coleophora deauratella*) with Complete and Partial Pheromone Formulations”. In: *Journal Of Chemical Ecology* 40, pp. 577–589. DOI: 10.1007/s10886-014-0461-x.
- Mormede, S. et al. (2014). “SPATIALLY EXPLICIT POPULATION DYNAMICS MODELS FOR ANTARCTIC TOOTHFISH IN THE ROSS SEA REGION”. In: *Ccamlr Science* 21, pp. 19–37.
- Mueller, J. C. et al. (2014). “Behaviour-related DRD4 polymorphisms in invasive bird populations”. In: *Molecular Ecology* 23, pp. 2876–2885. DOI: 10.1111/mec.12763.
- Newell, Felicity L., Tiffany-Ahren Beachy, et al. (2014a). “Foraging behavior of Cerulean Warblers during the breeding and non-breeding seasons: evidence for the breeding currency hypothesis”. In: *Journal Of Field Ornithology* 85, pp. 310–320. DOI: 10.1111/jof.o.12070.

- Newell, Felicity L., Tiffany-Ahren Beachy, et al. (2014b). “Foraging behavior of migrant warblers in mixed-species flocks in Venezuelan shade coffee: interspecific differences, tree species selection, and effects of drought”. In: *Journal Of Field Ornithology* 85, pp. 134–151. DOI: 10.1111/jof.o.12056.
- Nielsen, Anders and Casper W. Berg (2014). “Estimation of time-varying selectivity in stock assessments using state-space models”. In: *Fisheries Research* 158, pp. 96–101. DOI: 10.1016/j.fishres.2014.01.014.
- Nystrand, M. and D. K. Dowling (2014). “Dose-dependent effects of an immune challenge at both ultimate and proximate levels in *Drosophila melanogaster*”. In: *Journal Of Evolutionary Biology* 27, pp. 876–888. DOI: 10.1111/jeb.12364.
- Nystuen, Kristin O. et al. (2014). “Rodent population dynamics affect seedling recruitment in alpine habitats”. In: *Journal Of Vegetation Science* 25, pp. 1004–1014. DOI: 10.1111/jvs.12163.
- Oigard, Tor Arne, Tore Haug, and Kjell Tormod Nilssen (2014). “From pup production to quotas: current status of harp seals in the Greenland Sea”. In: *Ices Journal Of Marine Science* 71, pp. 537–545. DOI: 10.1093/icesjms/fst155.
- Oloo, Francis et al. (2014). “Standardizing Visual Control Devices for Tsetse Flies: East African Species *Glossina fuscipes fuscipes* and *Glossina tachinoides*”. In: *Plos Neglected Tropical Diseases* 8. DOI: 10.1371/journal.pntd.0003334.
- Perles, Stephanie J. et al. (2014). “Evaluation of a Regional Monitoring Program’s Statistical Power to Detect Temporal Trends in Forest Health Indicators”. In: *Environmental Management* 54, pp. 641–655. DOI: 10.1007/s00267-014-0313-z.
- Pirutinsky, Steven (2014). “DOES RELIGIOUSNESS INCREASE SELF-CONTROL AND REDUCE CRIMINAL BEHAVIOR? A Longitudinal Analysis of Adolescent Offenders”. In: *Criminal Justice And Behavior* 41, pp. 1290–1307. DOI: 10.1177/0093854814531962.
- Plaganyi, Eva E. et al. (2014). “Ecosystem modelling provides clues to understanding ecological tipping points”. In: *Marine Ecology Progress Series* 512, pp. 99–113. DOI: 10.3354/meps10909.
- Punt, Andre E. and Martin Dorn (2014). “Comparisons of meta-analytic methods for deriving a probability distribution for the steepness of the stock-recruitment relationship”. In: *Fisheries Research* 149, pp. 43–54. DOI: 10.1016/j.fishres.2013.09.015.

- Reeve, Al J. et al. (2014). "Interplay of temperature and light influences wild guppy (*Poecilia reticulata*) daily reproductive activity". In: *Biological Journal Of The Linnean Society* 111, pp. 511–520. DOI: 10.1111/bij.12217.
- Reich, Robin M., John E. Lundquist, and Robert E. Acciavatti (2014). "Influence of Climatic Conditions and Elevation on the Spatial Distribution and Abundance of Trypodendron ambrosia Beetles (Coleoptera: Curculionidae: Scolytinae) in Alaska". In: *Forest Science* 60, pp. 308–316. DOI: 10.5849/forsci.12-092.
- Robinson, Jason M. et al. (2014). "Comparing methods for estimating larval sea lamprey (*Petromyzon marinus*) density in the St. Marys River for the purposes of control". In: *Journal Of Great Lakes Research* 40, pp. 739–747. DOI: 10.1016/j.jglr.2014.05.012.
- Rowntree, Jennifer K. et al. (2014). "The genetics of indirect ecological effects-plant parasites and aphid herbivores". In: *Frontiers In Genetics* 5. DOI: 10.3389/fgene.2014.00072.
- Schar, S. and D. R. Nash (2014). "Evidence that microgynes of *Myrmica rubra* ants are social parasites that attack old host colonies". In: *Journal Of Evolutionary Biology* 27, pp. 2396–2407. DOI: 10.1111/jeb.12482.
- Schroback, Peggy, Sean Pascoe, and Louisa Cogan (2014). "IMPACTS OF INTRODUCED AQUACULTURE SPECIES ON MARKETS FOR NATIVE MARINE AQUACULTURE PRODUCTS: THE CASE OF EDIBLE OYSTERS IN AUSTRALIA". In: *Aquaculture Economics And Management* 18, pp. 248–272. DOI: 10.1080/13657305.2014.926465.
- Schueller, Amy M., Erik H. Williams, and Robin T. Cheshire (2014). "A proposed, tested, and applied adjustment to account for bias in growth parameter estimates due to selectivity". In: *Fisheries Research* 158, pp. 26–39. DOI: 10.1016/j.fishres.2013.10.023.
- Sharma, Rishi et al. (2014). "Investigating the influence of length-frequency data on the stock assessment of Indian Ocean bigeye tuna". In: *Fisheries Research* 158, pp. 50–62. DOI: 10.1016/j.fishres.2014.01.012.
- Shotwell, S. Kalei, Dana H. Hanselman, and Igor M. Belkin (2014). "Toward biophysical synergy: Investigating advection along the Polar Front to identify factors influencing Alaska sablefish recruitment". In: *Deep-Sea Research Part Ii-Topical Studies In Oceanography* 107, pp. 40–53. DOI: 10.1016/j.dsr2.2012.08.024.

- Thorson, James T. (2014). “Standardizing compositional data for stock assessment”. In: *Ices Journal Of Marine Science* 71, pp. 1117–1128. DOI: 10.1093/icesjms/fst224.
- Trnka, Alfred and Tomas Grim (2014). “Dynamic risk assessment: does a nearby breeding nest predator affect nest defence of its potential victim?” In: *Journal Of Ethology* 32, pp. 103–110. DOI: 10.1007/s10164-014-0400-x.
- Tsai, Wen-Pei et al. (2014). “Demographic analysis of the shortfin mako shark, *Isurus oxyrinchus*, in the Northwest Pacific using a two-sex stage-based matrix model”. In: *Ices Journal Of Marine Science* 71, pp. 1604–1618. DOI: 10.1093/icesjms/fsu056.
- Tsehaye, Iyob, Michael L. Jones, James R. Bence, et al. (2014). “A multi-species statistical age-structured model to assess predator-prey balance: application to an intensively managed Lake Michigan pelagic fish community”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 71, pp. 627–644. DOI: 10.1139/cjfas-2013-0313.
- Tsehaye, Iyob, Michael L. Jones, Travis O. Brenden, et al. (2014). “Changes in the Salmonine Community of Lake Michigan and Their Implications for Predator-Prey Balance”. In: *Transactions Of The American Fisheries Society* 143, pp. 420–437. DOI: 10.1080/00028487.2013.862176.
- Vale, R. T. R. et al. (2014). “Maximum Likelihood Estimation for Model M_t, M_α for Capture-Recapture Data with Misidentification”. In: *Biometrics* 70, pp. 962–971. DOI: 10.1111/biom.12195.
- Vandergoot, Christopher S. and Travis O. Brenden (2014). “Spatially Varying Population Demographics and Fishery Characteristics of Lake Erie Walleyes Inferred from a Long-Term Tag Recovery Study”. In: *Transactions Of The American Fisheries Society* 143, pp. 188–204. DOI: 10.1080/00028487.2013.837095.
- Vasdekis, Vassilis G. S., Dimitris Rizopoulos, and Irini Moustaki (2014). “Weighted pairwise likelihood estimation for a general class of random effects models”. In: *Biostatistics* 15, pp. 677–689. DOI: 10.1093/biostatistics/kxu018.
- Vincenzi, Simone, Marc Mangel, et al. (2014). “Determining Individual Variation in Growth and Its Implication for Life-History and Population Processes Using the Empirical Bayes Method”. In: *Plos Computational Biology* 10. DOI: 10.1371/journal.pcbi.1003828.

Wojdak, Jeremy M. et al. (2014). “Host Density and Competency Determine the Effects of Host Diversity on Trematode Parasite Infection”. In: *Plos One* 9. DOI: 10.1371/journal.pone.0105059.

Publication Year 2013

- Allington, Ginger R. H. et al. (2013). “Niche opportunities and invasion dynamics in a desert annual community”. In: *Ecology Letters* 16, pp. 158–166. DOI: 10.1111/ele.12023.
- Amat, Maria E., Jonathan Silvertown, and Pablo Vargas (2013). “Strong Spatial Genetic Structure Reduces Reproductive Success in the Critically Endangered Plant Genus *Pseudomisopates*”. In: *Journal Of Heredity* 104, pp. 692–703. DOI: 10.1093/jhered/est042.
- Boden, Matthew Tyler et al. (2013). “The effects of cannabis use expectancies on self-initiated cannabis cessation”. In: *Addiction* 108, pp. 1649–1657. DOI: 10.1111/add.12233.
- Bolker, Benjamin M. et al. (2013). “Strategies for fitting nonlinear ecological models in R, AD Model Builder, and BUGS”. In: *Methods In Ecology And Evolution* 4, pp. 501–512. DOI: 10.1111/2041-210X.12044.
- Brooks, Mollie E., Michael W. McCoy, and Benjamin M. Bolker (2013). “A Method for Detecting Positive Growth Autocorrelation without Marking Individuals”. In: *Plos One* 8. DOI: 10.1371/journal.pone.0076389.
- Cattelan, Manuela and Cristiano Varin (2013). “Hybrid Pairwise Likelihood Analysis of Animal Behavior Experiments”. In: *Biometrics* 69, pp. 1002–1011. DOI: 10.1111/biom.12090.
- Cooper, Wade T. et al. (2013). “Assessing stock reproductive potential in species with indeterminate fecundity: Effects of age truncation and size-dependent reproductive timing”. In: *Fisheries Research* 138, pp. 31–41. DOI: 10.1016/j.fishres.2012.05.016.
- Cox, Sean P., Allen R. Kronlund, and Ashleen J. Benson (2013). “The roles of biological reference points and operational control points in management procedures for the sablefish (*Anoplopoma fimbria*) fishery in British Columbia, Canada”. In: *Environmental Conservation* 40, pp. 318–328. DOI: 10.1017/S0376892913000271.
- Curti, Kiersten L. et al. (2013). “Evaluating the performance of a multispecies statistical catch-at-age model”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 70, pp. 470–484. DOI: 10.1139/cjfas-2012-0229.
- DuVal, Emily H. (2013). “Does cooperation increase helpers’ later success as breeders? A test of the skills hypothesis in the cooperatively displaying lance-tailed manakin”. In: *Journal Of Animal Ecology* 82, pp. 884–893. DOI: 10.1111/1365-2656.12057.

- Eberhardt, Ayelen T. et al. (2013). “Parasitism and Physiological Trade-Offs in Stressed Capybaras”. In: *Plos One* 8. DOI: 10.1371/journal.pone.0070382.
- Farewell, Daniel M. and Vernon T. Farewell (2013). “Dirichlet negative multinomial regression for overdispersed correlated count data”. In: *Biostatistics* 14, pp. 395–404. DOI: 10.1093/biostatistics/kxs050.
- Fay, Gavin and Andre E. Punt (2013). “Methods for estimating spatial trends in Steller sea lion pup production using the Kalman filter”. In: *Ecological Applications* 23, pp. 1455–1474. DOI: 10.1890/12-1645.1.
- Forrest, Robyn E., Murdoch K. McAllister, et al. (2013). “Modelling the effects of density-dependent mortality in juvenile red snapper caught as bycatch in Gulf of Mexico shrimp fisheries: Implications for management”. In: *Fisheries Research* 146, pp. 102–120. DOI: 10.1016/j.fishres.2013.04.002.
- Gast, Christopher M. et al. (2013). “Random Effects Models and Multistage Estimation Procedures for Statistical Population Reconstruction of Small Game Populations”. In: *Plos One* 8. DOI: 10.1371/journal.pone.0065244.
- Gonzalez, Edgar J. and Carlos Martorell (2013). “Reconstructing shifts in vital rates driven by long-term environmental change: a new demographic method based on readily available data”. In: *Ecology And Evolution* 3, pp. 2273–2284. DOI: 10.1002/ece3.549.
- Hammen, Tessa van der et al. (2013). “Population ecology of turbot and brill: What can we learn from two rare flatfish species?” In: *Journal Of Sea Research* 84, pp. 96–108. DOI: 10.1016/j.seares.2013.07.001.
- Irwin, Brian J. et al. (2013). “Estimating Spatial and Temporal Components of Variation for Fisheries Count Data Using Negative Binomial Mixed Models”. In: *Transactions Of The American Fisheries Society* 142, pp. 171–183. DOI: 10.1080/00028487.2012.728163.
- Jonsdottir, Ingibjoerg G., Arni Magnusson, and Unnur Skuladottir (2013). “Influence of increased cod abundance and temperature on recruitment of northern shrimp (*Pandalus borealis*)”. In: *Marine Biology* 160, pp. 1203–1211. DOI: 10.1007/s00227-013-2172-1.
- Karsten, Rune Juelsborg et al. (2013). “Regeneration in canopy gaps of tierra-firme forest in the Peruvian Amazon: Comparing reduced impact logging and natural, unmanaged forests”. In: *Forest Ecology And Management* 310, pp. 663–671. DOI: 10.1016/j.foreco.2013.09.006.

- Laake, Jeff L., Devin S. Johnson, and Paul B. Conn (2013). “marked: an R package for maximum likelihood and Markov Chain Monte Carlo analysis of capture-recapture data”. In: *Methods In Ecology And Evolution* 4, pp. 885–890. DOI: 10.1111/2041-210X.12065.
- Lourenco, Rui et al. (2013). “Tawny owl vocal activity is constrained by predation risk”. In: *Journal Of Avian Biology* 44, pp. 461–468. DOI: 10.1111/j.1600-048X.2013.00157.x.
- Magnusson, Arni, Andre E. Punt, and Ray Hilborn (2013). “Measuring uncertainty in fisheries stock assessment: the delta method, bootstrap, and MCMC”. In: *Fish And Fisheries* 14, pp. 325–342. DOI: 10.1111/j.1467-2979.2012.00473.x.
- Maunder, Mark N. and Andre E. Punt (2013). “A review of integrated analysis in fisheries stock assessment”. In: *Fisheries Research* 142, pp. 61–74. DOI: 10.1016/j.fishres.2012.07.025.
- Miller, Timothy J. (2013). “A comparison of hierarchical models for relative catch efficiency based on paired-gear data for US Northwest Atlantic fish stocks”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 70, pp. 1306–1316. DOI: 10.1139/cjfas-2013-0136.
- Miura, Kazutoyo et al. (2013). “Qualification of Standard Membrane-Feeding Assay with Plasmodium falciparum Malaria and Potential Improvements for Future Assays”. In: *Plos One* 8. DOI: 10.1371/journal.pone.0057909.
- Molton, Kyle J., Travis O. Brenden, and James R. Bence (2013). “Harvest levels that conserve spawning biomass can provide larger and more stable and sustainable yields in intermixed fisheries”. In: *Fisheries Research* 147, pp. 264–283. DOI: 10.1016/j.fishres.2013.07.004.
- Moor, C. L. de, D. S. Butterworth, and J. C. Coetzee (2013). “Can anchovy age structure be estimated from length distribution data collected during surveys?” In: *African Journal Of Marine Science* 35, pp. 335–342. DOI: 10.2989/1814232X.2013.830991.
- Negro, Matteo et al. (2013). “Differential responses of ground dwelling arthropods to ski-piste restoration by hydroseeding”. In: *Biodiversity And Conservation* 22, pp. 2607–2634. DOI: 10.1007/s10531-013-0544-y.
- Newell, Felicity L., Aaron N. K. Haiman, et al. (2013). “OCCURRENCE OF POLYGYNY AND DOUBLE BROODING IN THE EASTERN WOOD-PEWEE”. In: *Wilson Journal Of Ornithology* 125, pp. 251–259. DOI: 10.1676/12-132.1.

- Newell, Felicity L., James Sheehan, et al. (2013). "Comparison of point counts and territory mapping for detecting effects of forest management on song-birds". In: *Journal Of Field Ornithology* 84, pp. 270–286. DOI: 10.1111/jofo.12026.
- Okamura, H. et al. (2013). "Marginal increment analysis: a new statistical approach of testing for temporal periodicity in fish age verification". In: *Journal Of Fish Biology* 82, pp. 1239–1249. DOI: 10.1111/jfb.12062.
- Paschetta, Mauro et al. (2013). "Grazing history influences biodiversity: a case study on ground-dwelling arachnids (Arachnida: Araneae, Opiliones) in the Natural Park of Alpi Marittime (NW Italy)". In: *Journal Of Insect Conservation* 17, pp. 339–356. DOI: 10.1007/s10841-012-9515-y.
- Pedersen, Martin W. and Kevin C. Weng (2013). "Estimating individual animal movement from observation networks". In: *Methods In Ecology And Evolution* 4, pp. 920–929. DOI: 10.1111/2041-210X.12086.
- Pontual, Helene de et al. (2013). "New insights on European hake biology and population dynamics from a sustained tagging effort in the Bay of Biscay". In: *Ices Journal Of Marine Science* 70, pp. 1416–1428. DOI: 10.1093/icesjms/fst102.
- Preininger, Doris et al. (2013). "Divergent Receiver Responses to Components of Multimodal Signals in Two Foot-Flagging Frog Species". In: *Plos One* 8. DOI: 10.1371/journal.pone.0055367.
- Prichard, Carson G. and James R. Bence (2013). "Estimating wounding of lake trout by sea lamprey in the upper Great Lakes: Allowing for changing size-specific patterns". In: *Journal Of Great Lakes Research* 39, pp. 110–119. DOI: 10.1016/j.jglr.2012.12.005.
- Punt, Andre E. and Mark N. Maunder (2013). "Stock Synthesis: Advancing stock assessment application and research through the use of a general stock assessment computer program Preface". In: *Fisheries Research* 142, pp. 1–2. DOI: 10.1016/j.fishres.2012.11.001.
- Rice, Mindy B. et al. (2013). "Analysis of regional species distribution models based on radio-telemetry datasets from multiple small-scale studies". In: *Journal Of Wildlife Management* 77, pp. 821–831. DOI: 10.1002/jwmg.496.
- Robinson, Jason M. et al. (2013). "A spatial age-structured model for describing sea lamprey (*Petromyzon marinus*) population dynamics". In: *Canadian Journal Of Fisheries And Aquatic Sciences* 70, pp. 1709–1722. DOI: 10.1139/cjfas-2012-0375.

- Stevenson, Ben C. and Russell B. Millar (2013). “Promising the moon? Evaluation of indigenous and lunar fishing calendars using semiparametric generalized mixed models of recreational catch data”. In: *Environmental And Ecological Statistics* 20, pp. 591–608. DOI: 10.1007/s10651-013-0236-5.
- Stewart, Ian J., Allan C. Hicks, et al. (2013). “A comparison of stock assessment uncertainty estimates using maximum likelihood and Bayesian methods implemented with the same model framework”. In: *Fisheries Research* 142, pp. 37–46. DOI: 10.1016/j.fishres.2012.07.003.
- Taylor, Ian G. et al. (2013). “A stock-recruitment relationship based on pre-recruit survival, illustrated with application to spiny dogfish shark”. In: *Fisheries Research* 142, pp. 15–21. DOI: 10.1016/j.fishres.2012.04.018.

Publication Year 2012

- Berger, Aaron M., Michael L. Jones, et al. (2012). "Accounting for spatial population structure at scales relevant to life history improves stock assessment: The case for Lake Erie walleye *Sander vitreus*". In: *Fisheries Research* 115, pp. 44–59. DOI: 10.1016/j.fishres.2011.11.006.
- Brenden, Travis O., James R. Bence, and Emily B. Szalai (2012). "An Age-Structured Integrated Assessment of Chinook Salmon Population Dynamics in Lake Huron's Main Basin since 1968". In: *Transactions Of The American Fisheries Society* 141, pp. 919–933. DOI: 10.1080/00028487.2012.675910.
- Brenden, Travis O. and Yingming Zhao (2012). "Simulation-based evaluation of the accuracy in indirectly estimating gillnet selectivity". In: *Fisheries Research* 134, pp. 64–72. DOI: 10.1016/j.fishres.2012.08.005.
- Ford, Jessica H., Mark V. Bravington, and Jooke Robbins (2012). "Incorporating individual variability into mark-recapture models". In: *Methods In Ecology And Evolution* 3, pp. 1047–1054. DOI: 10.1111/j.2041-210X.2012.00243.x.
- Fournier, David A. et al. (2012). "AD Model Builder: using automatic differentiation for statistical inference of highly parameterized complex nonlinear models". In: *Optimization Methods And Software* 27, pp. 233–249. DOI: 10.1080/10556788.2011.597854.
- Gutierrez, Nicolas L. et al. (2012). "Eco-Label Conveys Reliable Information on Fish Stock Health to Seafood Consumers". In: *Plos One* 7. DOI: 10.1371/journal.pone.0043765.
- Lee, Hui-Hua, Mark N. Maunder, et al. (2012). "Can steepness of the stock-recruitment relationship be estimated in fishery stock assessment models?" In: *Fisheries Research* 125, pp. 254–261. DOI: 10.1016/j.fishres.2012.03.001.
- Molton, Kyle J., Travis O. Brenden, and James R. Bence (2012). "Control rule performance for intermixing lake whitefish populations in the 1836 Treaty waters of the Great Lakes: A simulation-based evaluation". In: *Journal Of Great Lakes Research* 38, pp. 686–698. DOI: 10.1016/j.jglr.2012.09.014.
- Munyandorero, Joseph (2012). "A recruitment-mortality model in the precautionary management toolkit of African tropical inland, single-species fisheries". In: *Fisheries Research* 127, pp. 26–33. DOI: 10.1016/j.fishres.2012.04.017.

- Nesslage, Genevieve M. and Michael J. Wilberg (2012). “Performance of Surplus Production Models with Time-Varying Parameters for Assessing Multispecies Assemblages”. In: *North American Journal Of Fisheries Management* 32, pp. 1137–1145. DOI: 10.1080/02755947.2012.720646.
- Oigard, Tor Arne, Anne Kirstine Frie, et al. (2012). “Modelling the abundance of grey seals (*Halichoerus grypus*) along the Norwegian coast”. In: *Ices Journal Of Marine Science* 69, pp. 1436–1447. DOI: 10.1093/icesjms/fss103.
- Pincin, Jennifer S. and Michael J. Wilberg (2012). “Surplus Production Model Accuracy in Populations Affected by a No-Take Marine Protected Area”. In: *Marine And Coastal Fisheries* 4, pp. 511–525. DOI: 10.1080/19425120.2012.685145.
- Poorten, Brett T. van, Carl J. Walters, and Nathan G. Taylor (2012). “A Field-based Bioenergetics Model for Estimating Time-Varying Food Consumption and Growth”. In: *Transactions Of The American Fisheries Society* 141, pp. 943–961. DOI: 10.1080/00028487.2012.675919.
- Thorson, James T., Jason M. Cope, et al. (2012). “Spawning biomass reference points for exploited marine fishes, incorporating taxonomic and body size information”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 69, pp. 1556–1568. DOI: 10.1139/F2012-077.
- Thorson, James T., Andre E. Punt, and Ronel Nel (2012). “Evaluating population recovery for sea turtles under nesting beach protection while accounting for nesting behaviours and changes in availability”. In: *Journal Of Applied Ecology* 49, pp. 601–610. DOI: 10.1111/j.1365-2664.2012.02143.x.
- Trenkel, Verena M., Mark V. Bravington, and Pascal Lorange (2012). “A random effects population dynamics model based on proportions-at-age and removal data for estimating total mortality”. In: *Canadian Journal Of Fisheries And Aquatic Sciences* 69, pp. 1881–1893. DOI: 10.1139/f2012-103.