

Citations of Fournier et al. (2011) and 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 and there are some duplicates, probably caused by both articles cited in the same paper.

References

- Abba, A. M., E. Zufiaurre, M. Codesido, and D. N. Bilenca (2016). Habitat use by armadillos in agroecosystems of central argentina: does plot identity matter? *JOURNAL of MAMMALOGY* 97, 1265–1271.
- Abong'o, B., X. Yu, M. J. Donnelly, M. Geier, G. Gibson, J. Gimnig, F. ter Kuile, N. F. Lobo, E. Ochomo, S. Munga, M. Ombok, A. Samuels, S. J. Torr, and F. M. Hawkes (2018). Host decoy trap (hdt) with cattle odour is highly effective for collection of exophagic malaria vectors. *PARASITES AND VECTORS* 11, –.
- Adamic, M., J. Diaci, A. Rozman, and D. Hladnik (2017). Long-term use of uneven-aged silviculture in mixed mountain dinaric forests: a comparison of old-growth and managed stands. *FORESTRY* 90, 279–291.
- Aeberhard, W. H., J. M. Flemming, and A. Nielsen (2018a). Review of state-space models for fisheries science. *ANNUAL REVIEW of STATISTICS and ITS APPLICATION, VOL 5* 5, 215–235.
- Aeberhard, W. H., J. M. Flemming, and A. Nielsen (2018b). Review of state-space models for fisheries science. *ANNUAL REVIEW of STATISTICS and ITS APPLICATION, VOL 5* 5, 215–235.
- Agol, E. and K. Deck (2016). Transit timing to first order in eccentricity. *ASTROPHYSICAL JOURNAL* 818, –.
- Aguirrebengoa, M., M. Garcia-Planas, C. Mueller, and A. Gonzalez-Megias (2018). Transgenerational effects of ungulates and pre-dispersal seed predators on offspring success and resistance to herbivory. *PLOS ONE* 13, –.
- Ahmed, K. E. M., H. G. Froyso, O. A. Karlsen, J. V. Sagen, G. Mellgren, S. Verhaegen, E. Ropstad, A. Goksoyr, and R. Kellmann (2018). Lc-ms/ms

- based profiling and dynamic modelling of the steroidogenesis pathway in adrenocarcinoma h295r cells. *TOXICOLOGY in VITRO* 52, 332–341.
- 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. *MARINE and COASTAL FISHERIES* 6, 274–286.
- Ailloud, L. E., M. V. Laretta, A. R. Hanke, W. J. Golet, R. J. Allman, M. R. Siskey, D. H. Secor, and J. M. Hoenig (2017). Improving growth estimates for western atlantic bluefin tuna using an integrated modeling approach. *FISHERIES RESEARCH* 191, 17–24.
- Aires-da Silva, A. M., M. N. Maunder, K. M. Schaefer, and D. W. Fuller (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. *FISHERIES RESEARCH* 163, 119–126.
- Ala-Honkola, O., P. Veltsos, H. Anderson, and M. G. Ritchie (2014). Copulation duration, but not paternity share, potentially mediates inbreeding avoidance in *drosophila montana*. *BEHAVIORAL ECOLOGY and SOCIOBIOLOGY* 68, 2013–2021.
- Albertsen, C. M., A. Nielsen, and U. H. Thygesen (2017). Choosing the observational likelihood in state-space stock assessment models. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 74, 779–789.
- Albertsen, C. M., A. Nielsen, and U. H. Thygesen (2018). Connecting single-stock assessment models through correlated survival. *ICES JOURNAL of MARINE SCIENCE* 75, 235–244.
- Albertsen, C. M., K. Whoriskey, D. Yurkowski, A. Nielsen, and J. M. Fleming (2015). Fast fitting of non-gaussian state-space models to animal movement data via template model builder. *ECOLOGY* 96, 2598–2604.
- 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. *FISHERIES RESEARCH* 210, 224–227.

- Alexiades, A. V., A. S. Flecker, and C. E. Kraft (2017). Nonnative fish stocking alters stream ecosystem nutrient dynamics. *ECOLOGICAL APPLICATIONS* 27, 956–965.
- Allen, S. D., W. H. Satterthwaite, D. G. Hankin, D. J. Cole, and M. S. Mohr (2017). Temporally varying natural mortality: Sensitivity of a virtual population analysis and an exploration of alternatives. *FISHERIES RESEARCH* 185, 185–197.
- Alonso-Fernandez, A., J. Otero, R. Banon, J. M. Campelos, J. Santos, and G. Mucientes (2017). Sex ratio variation in an exploited population of common octopus: ontogenic shifts and spatio-temporal dynamics. *HYDROBIOLOGIA* 794, 1–16.
- Alonso-Fernandez, A., J. Otero, R. Banon, J. Manuel Campelos, F. Quintero, J. Ribo, F. Filgueira, L. Juncal, F. Lamas, A. Gancedo, and J. Molares (2019). Inferring abundance trends of key species from a highly developed small-scale fishery off ne atlantic. *FISHERIES RESEARCH* 209, 101–116.
- Andersson, J., E. D. Gomez, S. Michon, and J.-M. Roberge (2018). Tree cavity densities and characteristics in managed and unmanaged swedish boreal forest. *SCANDINAVIAN JOURNAL of FOREST RESEARCH* 33, 233–244.
- Andersson, P., J. Ehrlén, and P. A. Hambäck (2016). Plant patch structure influences plant fitness via antagonistic and mutualistic interactions but in different directions. *OECOLOGIA* 180, 1175–1182.
- Andres Torrella, S., R. Ginzburg, and L. Galetto (2015). Forest fragmentation in the argentine chaco: recruitment and population patterns of dominant tree species. *PLANT ECOLOGY* 216, 1499–1510.
- Aponte, E. A., D. G. Tschan, K. E. Stephan, and J. Heinzle (2018). Inhibition failures and late errors in the antisaccade task: influence of cue delay. *JOURNAL of NEUROPHYSIOLOGY* 120, 3001–3016.
- Arancibia Gutierrez, B., M. Veliz, B. Riff, and R. Roa-Ureta (2014). Nested relatives clauses processing, working memory, and aging. *RLA-REVISTA DE LINGUISTICA TEORICA Y APLICADA* 52, 155–179.

- Archer, E. K., N. C. Bennett, C. G. Faulkes, and H. Lutermann (2016). Digging for answers: contributions of density- and frequency-dependent factors on ectoparasite burden in a social mammal. *OECOLOGIA* 180, 429–438.
- Archer, E. K., N. C. Bennett, K. Junker, C. G. Faulkes, and H. Lutermann (2017). The distribution of gastrointestinal parasites in two populations of common mole-rats (*Cryptomys hottentotus hottentotus*). *JOURNAL of PARASITOLOGY* 103, 786–790.
- Argyropoulos, C., A. Etheridge, N. Sakhanenko, and D. Galas (2017). Modeling bias and variation in the stochastic processes of small rna sequencing. *NUCLEIC ACIDS RESEARCH* 45, –.
- Asar, O., J. Ritchie, P. A. Kalra, and P. J. Diggle (2016). Short-term and long-term effects of acute kidney injury in chronic kidney disease patients: A longitudinal analysis. *BIOMETRICAL JOURNAL* 58, 1552–1566.
- Assis, R. L., F. Wittmann, M. T. F. Piedade, and T. Haugaasen (2015). Effects of hydroperiod and substrate properties on tree alpha diversity and composition in amazonian floodplain forests. *PLANT ECOLOGY* 216, 41–54.
- Atkinson, E. M., A. W. Bateman, L. M. Dill, M. Krkosek, J. D. Reynolds, and S. C. Godwin (2018). Oust the louse: leaping behaviour removes sea lice from wild juvenile sockeye salmon *Oncorhynchus nerka*. *JOURNAL of FISH BIOLOGY* 93, 263–271.
- Atwater, D. Z., R. A. Fletcher, C. C. Dickinson, A. H. Paterson, and J. N. Barney (2018). Evidence for fine-scale habitat specialisation in an invasive weed. *JOURNAL of PLANT ECOLOGY* 11, 189–199.
- Auger-Methe, M., C. M. Albertsen, I. D. Jonsen, A. E. Derocher, D. C. Lidgard, K. R. Studholme, W. D. Bowen, G. T. Crossin, and J. M. Fleming (2017a). Spatiotemporal modelling of marine movement data using template model builder (tmb). *MARINE ECOLOGY PROGRESS SERIES* 565, 237–249.
- Auger-Methe, M., C. M. Albertsen, I. D. Jonsen, A. E. Derocher, D. C. Lidgard, K. R. Studholme, W. D. Bowen, G. T. Crossin, and J. M. Fleming (2017b). Spatiotemporal modelling of marine movement data using

- template model builder (tmb). *MARINE ECOLOGY PROGRESS SERIES* 565, 237–249.
- Auger-Methe, M., C. Field, C. M. Albertsen, A. E. Derocher, M. A. Lewis, I. D. Jonsen, and J. M. Flemming (2016a). State-space models’ dirty little secrets: even simple linear gaussian models can have estimation problems. *SCIENTIFIC REPORTS* 6, –.
- Auger-Methe, M., C. Field, C. M. Albertsen, A. E. Derocher, M. A. Lewis, I. D. Jonsen, and J. M. Flemming (2016b). State-space models’ dirty little secrets: even simple linear gaussian models can have estimation problems. *SCIENTIFIC REPORTS* 6, –.
- Austel, N., J. Schubert, S. Gadau, H. Jungnickel, L. T. Budnik, and A. Luch (2017). Influence of fumigants on sunflower seeds: Characteristics of fumigant desorption and changes in volatile profiles. *JOURNAL of HAZARDOUS MATERIALS* 337, 138–147.
- Austin, L. V., A. Silvis, W. M. Ford, M. Muthersbaugh, and K. E. Powers (2018). Bat activity following restoration prescribed burning in the central appalachian upland and riparian habitats. *NATURAL AREAS JOURNAL* 38, 183–195.
- Auty, D., J. Moore, A. Achim, A. Lyon, S. Mochan, and B. Gardiner (2018). Effects of early respacing on the density and microfibril angle of sitka spruce wood. *FORESTRY* 91, 307–319.
- Aviron, S., S. Poggi, Y.-D. Varennes, and A. Lefevre (2016). Local landscape heterogeneity affects crop colonization by natural enemies of pests in protected horticultural cropping systems. *AGRICULTURE ECOSYSTEMS AND ENVIRONMENT* 227, 1–10.
- Bacci, G., M. Cerri, L. Lastrucci, F. Ferranti, V. Ferri, B. Foggi, D. Gigante, R. Venanzoni, D. Viciani, A. Mengoni, L. Reale, and A. Coppi (2018). Applying predictive models to decipher rhizobacterial modifications in common reed die-back affected populations. *SCIENCE of the TOTAL ENVIRONMENT* 642, 708–722.
- Bagwill, A. L., M. B. Lovern, T. A. Worthington, L. M. Smith, and S. T. Mcmurry (2016). Effects of water loss on new mexico spadefoot toad (spea

- multiplicata) development, spleen cellularity, and corticosterone levels. *JOURNAL of EXPERIMENTAL ZOOLOGY PART a-ECOLOGICAL GENETICS and PHYSIOLOGY* 325, 548–561.
- Baktoft, H., K. O. Gjelland, F. Okland, and U. H. Thygesen (2017). Positioning of aquatic animals based on time-of-arrival and random walk models using yaps (yet another positioning solver). *SCIENTIFIC REPORTS* 7, –.
- Baldacchino, F., F. Bussola, D. Arnoldi, M. Marcantonio, F. Montarsi, G. Capelli, R. Rosa, and A. Rizzoli (2017). An integrated pest control strategy against the asian tiger mosquito in northern italy: a case study. *PEST MANAGEMENT SCIENCE* 73, 87–93.
- Baldacchino, F., M. Marcantonio, M. Manica, G. Marini, R. Zorer, L. Delucchi, D. Arnoldi, F. Montarsi, G. Capelli, A. Rizzoli, and R. Rosa (2017). Mapping of aedes albopictus abundance at a local scale in italy. *REMOTE SENSING* 9, –.
- Balzan, M. V. (2017). Flowering banker plants for the delivery of multiple agroecosystem services. *ARTHROPOD-PLANT INTERACTIONS* 11, 743–754.
- Balzan, M. V., G. Bocci, and A.-C. Moonen (2016). Landscape complexity and field margin vegetation diversity enhance natural enemies and reduce herbivory by lepidoptera pests on tomato crop. *BIOCONTROL* 61, 141–154.
- Banks, S. C., L. McBurney, D. Blair, I. D. Davies, and D. B. Lindenmayer (2017). Where do animals come from during post-fire population recovery? implications for ecological and genetic patterns in post-fire landscapes. *ECOGRAPHY* 40, 1325–1338.
- Barbeaux, S. J., J. K. Horne, and J. N. Ianelli (2014). A novel approach for estimating location and scale specific fishing exploitation rates of eastern bering sea walleye pollock (theragra chalcogramma). *FISHERIES RESEARCH* 153, 69–82.
- Barber, A. L. A., D. Randi, C. A. Mueller, and L. Huber (2016). The processing of human emotional faces by pet and lab dogs: Evidence for lateralization and experience effects. *PLOS ONE* 11, –.

- Barrett, H. C., C. D. Peterson, and W. E. Frankenhuis (2016). Mapping the cultural learnability landscape of danger. *CHILD DEVELOPMENT* 87, 770–781.
- Barthel, A., H. Staudacher, A. Schmaltz, D. G. Heckel, and A. T. Groot (2015). Sex-specific consequences of an induced immune response on reproduction in a moth. *BMC EVOLUTIONARY BIOLOGY* 15, –.
- Bartual, A. M., G. Bocci, S. Marini, and A. C. Moonen (2018). Local and landscape factors affect sunflower pollination in a mediterranean agroecosystem. *PLOS ONE* 13, –.
- Barua, S., A. Magnusson, and N. M. Humayun (2018a). Assessment of offshore shrimp stocks of bangladesh based on commercial shrimp trawl logbook data. *INDIAN JOURNAL of FISHERIES* 65, 1–6.
- Barua, S., A. Magnusson, and N. M. Humayun (2018b). Assessment of offshore shrimp stocks of bangladesh based on commercial shrimp trawl logbook data. *INDIAN JOURNAL of FISHERIES* 65, 1–6.
- Basciani, R., F. Kroeninger, E. Gyax, H. Jenni, D. Reineke, M. Stucki, N. Hagenbuch, T. Carrel, B. Eberle, and G. Erdoes (2016). Cerebral microembolization during aortic valve replacement using minimally invasive or conventional extracorporeal circulation: A randomized trial. *ARTIFICIAL ORGANS* 40, E280–E291.
- Bassett, O. D., L. D. Prior, C. M. Slijkerman, D. Jamieson, and D. M. J. S. Bowman (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. *FOREST ECOLOGY and MANAGEMENT* 342, 39–48.
- Bastias, D. A., M. Alejandra Martinez-Ghersa, J. A. Newman, S. D. Card, W. J. Mace, and P. E. Gundel (2018). The plant hormone salicylic acid interacts with the mechanism of anti-herbivory conferred by fungal endophytes in grasses. *PLANT CELL and ENVIRONMENT* 41, 395–405.
- Batori, Z., A. Vojtko, T. Farkas, A. Szabo, K. Havadtoi, A. E. Vojtko, C. Tolgyesi, V. Cseh, L. Erdos, I. E. Maak, and G. Keppel (2017). Large- and small-scale environmental factors drive distributions of cool-adapted plants in karstic microrefugia. *ANNALS of BOTANY* 119, 301–309.

- Bautista, C., J. Naves, E. Revilla, N. Fernandez, J. Albrecht, A. K. Scharf, R. Rigg, A. A. Karamanlidis, K. Jerina, D. Huber, S. Palazon, R. Kont, P. Ciucci, C. Groff, A. Dutsov, J. Seijas, P.-I. Quenette, A. Olszanska, M. Shkvyria, M. Adamec, J. Ozolins, M. Jonozovic, and N. Selva (2017). Patterns and correlates of claims for brown bear damage on a continental scale. *JOURNAL of APPLIED ECOLOGY* 54, 282–292.
- Bejarano, S., K. Lohr, S. Hamilton, and C. Manfrino (2015). Relationships of invasive lionfish with topographic complexity, groupers, and native prey fishes in little cayman. *MARINE BIOLOGY* 162, 253–266.
- Belden, L. K., M. C. Hughey, E. A. Rebollar, T. P. Umile, S. C. Loftus, E. A. Burzynski, K. P. C. Minbiole, L. L. House, R. V. Jensen, M. H. Becker, J. B. Walke, D. Medina, R. Ibanez, and R. N. Harris (2015). Panamanian frog species host unique skin bacterial communities. *FRONTIERS in MICROBIOLOGY* 6, –.
- Bell, B. M. and K. Kristensen (2018). Newton step methods for ad of an objective defined using implicit functions. *OPTIMIZATION METHODS AND SOFTWARE* 33, 907–923.
- Bence, J. R., C. P. Madenjian, J. X. He, D. G. Fielder, S. A. Pothoven, N. E. Dobiesz, J. E. Johnson, M. P. Ebener, R. A. Cottrill, L. C. Mohr, and S. R. Koproski (2016). Reply to comments by riley and dunlop on he et al. (2015). *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 73, 865–868.
- Benhaiem, S., L. Marescot, H. Hofer, M. L. East, J.-D. Lebreton, S. Kramer-Schadt, and O. Gimenez (2018). Robustness of eco-epidemiological capture-recapture parameter estimates to variation in infection state uncertainty. *FRONTIERS in VETERINARY SCIENCE* 5, –.
- Berg, C. W. and A. Nielsen (2016a). Accounting for correlated observations in an age-based state-space stock assessment model. *ICES JOURNAL of MARINE SCIENCE* 73, 1788–1797.
- Berg, C. W. and A. Nielsen (2016b). Accounting for correlated observations in an age-based state-space stock assessment model. *ICES JOURNAL of MARINE SCIENCE* 73, 1788–1797.

- Berger, A. M., D. R. Goethel, P. D. Lynch, I. Quinn, Terrance, S. Mormede, J. McKenzie, and A. Dunn (2017a). Space oddity: The mission for spatial integration. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 74, 1698–1716.
- Berger, A. M., D. R. Goethel, P. D. Lynch, I. Quinn, Terrance, S. Mormede, J. McKenzie, and A. Dunn (2017b). Space oddity: The mission for spatial integration. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 74, 1698–1716.
- Bernaldez-Sanchez, E., E. Garcia-Vinas, I. Sanchez-Donoso, and J. A. Leonard (2017). Bone loss from carcasses in mediterranean ecosystems. *PALAIOS* 32, 288–294.
- Berthier, D., M. Peylhard, G.-K. Dayo, L. Flori, S. Sylla, S. Bolly, H. Sakande, I. Chantal, and S. Thevenon (2015). A comparison of phenotypic traits related to trypanotolerance in five west african cattle breeds highlights the value of shorthorn taurine breeds. *PLOS ONE* 10, –.
- Bhattacharya, M., K. Isvaran, and R. Balakrishnan (2017). A statistical approach to understanding reproductive isolation in two sympatric species of tree crickets. *JOURNAL of EXPERIMENTAL BIOLOGY* 220, 1222–1232.
- Blaszczyk, M. B. (2017). Boldness towards novel objects predicts predator inspection in wild vervet monkeys. *ANIMAL BEHAVIOUR* 123, 91–100.
- Blowes, S. A., M. S. Pratchett, and S. R. Connolly (2017). No change in subordinate butterflyfish diets following removal of behaviourally dominant species. *CORAL REEFS* 36, 213–222.
- Bogdziewicz, M., J. M. Espelta, A. Munoz, J. M. Aparicio, and R. Bonal (2018). Effectiveness of predator satiation in masting oaks is negatively affected by conspecific density. *OECOLOGIA* 186, 983–993.
- Bolstad, G. H., K. Hindar, G. Robertsen, B. Jonsson, H. Saegrov, O. H. Diserud, P. Fiske, A. J. Jensen, K. Urdal, T. F. Naesje, B. T. Barlaup, B. Floro-Larsen, H. Lo, E. Niemela, and S. Karlsson (2017). Gene flow from domesticated escapes alters the life history of wild atlantic salmon. *NATURE ECOLOGY AND EVOLUTION* 1, –.

- Bona, F., A. Doretto, E. Falasco, V. La Morgia, E. Piano, R. Ajassa, and S. Fenoglio (2016). Increased sediment loads in alpine streams: An integrated field study. *RIVER RESEARCH and APPLICATIONS* 32, 1316–1326.
- Bonnot, N. C., A. J. M. Hewison, N. Morellet, J.-M. Gaillard, L. Debeffe, O. Couriot, B. Cargnelutti, Y. Chaval, B. Lourtet, P. Kjellander, and C. Vanpe (2017). Stick or twist: roe deer adjust their flight behaviour to the perceived trade-off between risk and reward. *ANIMAL BEHAVIOUR* 124, 35–46.
- Booksmythe, I., M. L. Head, J. S. Keogh, and M. D. Jennions (2016). Fitness consequences of artificial selection on relative male genital size. *NATURE COMMUNICATIONS* 7, –.
- Botterill-James, T., B. Halliwell, S. McKeown, J. Sillince, T. Uller, E. Wapstra, and G. M. While (2017). Family aggression in a social lizard. *SCIENTIFIC REPORTS* 7, –.
- Bourgeois, S., J. Kaden, H. Senn, N. Bunnefeld, K. J. Jeffery, E. F. Akomo-Okoue, R. Ogden, and R. McEwing (2019). Improving cost-efficiency of faecal genotyping: New tools for elephant species. *PLOS ONE* 14, –.
- Boyd, C., R. Castillo, J. Hunt, George L., A. E. Punt, G. R. VanBlaricom, H. Weimerskirch, and S. Bertrand (2015). Predictive modelling of habitat selection by marine predators with respect to the abundance and depth distribution of pelagic prey. *JOURNAL of ANIMAL ECOLOGY* 84, 1575–1588.
- Brandes, M., U. Heimbach, and B. Ulber (2018a). Effects of thiacloprid, tau-fluvalinate and lambda-cyhalothrin on overwintered pollen beetles (*brassicogethes aeneus* (fabricius)) and their offspring in oilseed rape. *ARTHROPOD-PLANT INTERACTIONS* 12, 823–833.
- Brandes, M., U. Heimbach, and B. Ulber (2018b). Impact of insecticides on oilseed rape bud infestation with eggs and larvae of pollen beetle (*brassicogethes aeneus* (fabricius)). *ARTHROPOD-PLANT INTERACTIONS* 12, 811–821.
- Braun, M. (2014). trust optim : An r package for trust region optimization with sparse hessians. *JOURNAL of STATISTICAL SOFTWARE* 60, –.

- Breck, S. W., S. A. Poessel, P. Mahoney, and J. K. Young (2019). The intrepid urban coyote: a comparison of bold and exploratory behavior in coyotes from urban and rural environments. *SCIENTIFIC REPORTS* 9, 1–10.
- Brenden, T. O., J. R. Bence, W. Liu, I. Tsehay, and K. T. Scribner (2015). Comparison of the accuracy and consistency of likelihood-based estimation routines for genetic stock identification. *METHODS in ECOLOGY and EVOLUTION* 6, 817–827.
- Brenden, T. O., I. Tsehay, J. R. Bence, J. Kanefsky, and K. T. Scribner (2018). Indexing recruitment for source populations contributing to mixed fisheries by incorporating age in genetic stock identification models. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 75, 934–954.
- Briard, L., J.-L. Deneubourg, and O. Petit (2017). How stallions influence the dynamic of collective movements in two groups of domestic horses, from departure to arrival. *BEHAVIOURAL PROCESSES* 142, 56–63.
- Briard, L., C. Dorn, and O. Petit (2015). Personality and affinities play a key role in the organisation of collective movements in a group of domestic horses. *ETHOLOGY* 121, 888–902.
- Brooks, L. E. and K. G. Field (2017). Global model fitting to compare survival curves for faecal indicator bacteria and ruminant-associated genetic markers. *JOURNAL of APPLIED MICROBIOLOGY* 122, 1704–1713.
- Brooks, M. E., C. Clements, J. Pemberton, and A. Ozgul (2017). Estimation of individual growth trajectories when repeated measures are missing. *AMERICAN NATURALIST* 190, 377–388.
- Brooks, M. E., K. Kristensen, K. J. van Benthem, A. Magnusson, C. W. Berg, A. Nielsen, H. J. Skaug, M. Machler, and B. M. Bolker (2017). glmmTMB balances speed and flexibility among packages for zero-inflated generalized linear mixed modeling. *R JOURNAL* 9, 378–400.
- Brown, J. and A. York (2017). Fire, food and sexual deception in the neighbourhood of some australian orchids. *AUSTRAL ECOLOGY* 42, 468–478.

- Brown, N. E. M., M. Milazzo, S. P. S. Rastrick, J. M. Hall-Spencer, T. W. Therriault, and C. D. G. Harley (2018). Natural acidification changes the timing and rate of succession, alters community structure, and increases homogeneity in marine biofouling communities. *GLOBAL CHANGE BIOLOGY* 24, E112–E127.
- Browne, D., C. Minto, R. Cosgrove, B. Burke, D. McDonald, R. Officer, and M. Keatinge (2017). A general catch comparison method for multi-gear trials: application to a quad-rig trawling fishery for nephrops. *ICES JOURNAL of MARINE SCIENCE* 74, 1458–1468.
- Brugman, V. A., M. E. England, J. Stoner, L. Tugwell, L. E. Harrup, A. J. Wilson, J. M. Medlock, J. G. Logan, A. R. Fooks, P. P. C. Mertens, N. Johnson, and S. Carpenter (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. *PARASITES AND VECTORS* 10, –.
- Budischak, S. A., D. O’Neal, A. E. Jolles, and V. O. Ezenwa (2018). Differential host responses to parasitism shape divergent fitness costs of infection. *FUNCTIONAL ECOLOGY* 32, 324–333.
- Bufford, J. L. and O. G. Gaoue (2015). Defoliation by pastoralists affects savanna tree seedling dynamics by limiting the facilitative role of canopy cover. *ECOLOGICAL APPLICATIONS* 25, 1319–1329.
- Burgar, J. M., V. L. Stokes, and M. D. Craig (2017). Habitat features act as unidirectional and dynamic filters to bat use of production landscapes. *BIOLOGICAL CONSERVATION* 209, 280–288.
- Byers, B. E., M. E. Akresh, and D. I. King (2016). Song and male quality in prairie warblers. *ETHOLOGY* 122, 660–670.
- Cadigan, N. G. and S. E. Campana (2017). Hierarchical model-based estimation of population growth curves for redfish (*sebastes mentella* and *sebastes fasciatus*) off the eastern coast of canada. *ICES JOURNAL of MARINE SCIENCE* 74, 687–697.
- 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. *FISHERIES MANAGEMENT and ECOLOGY* 21, 343–356.
- Cadigan, N. G., E. Wade, and A. Nielsen (2017). A spatiotemporal model for snow crab (*chionoecetes opilio*) stock size in the southern gulf of st. lawrence. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 74, 1808–1820.
- Campbell, A. J., A. Wilby, P. Sutton, and F. Wackers (2017). Getting more power from your flowers: Multi-functional flower strips enhance pollinators and pest control agents in apple orchards. *INSECTS* 8, –.
- Campos, C. M., V. E. Campos, F. Miguel, and M. I. Cona (2016). Management of protected areas and its effect on an ecosystem function: Removal of *prosopis flexuosa* seeds by mammals in argentinian drylands. *PLOS ONE* 11, –.
- Canales, C. M., J. B. Company, and P. 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. *FISHERIES RESEARCH* 183, 360–370.
- Canavan, S., L. A. Meyerson, J. G. Packer, P. Pysek, N. Maurel, V. Lozano, D. M. Richardson, G. Brundu, K. Canavan, A. Cicatelli, J. Cuda, W. Dawson, F. Essl, F. Guarino, W.-Y. Guo, M. van Kleunen, H. Kreft, C. Lambertini, J. Pergl, H. Skalova, R. J. Soreng, V. Visser, M. S. Vorontsova, P. Weigelt, M. Winter, and J. R. U. Wilson (2019). Tall-statured grasses: a useful functional group for invasion science. *BIOLOGICAL INVASIONS* 21, 37–58.
- Cantoni, E., J. M. Flemming, and A. H. Welsh (2017). A random-effects hurdle model for predicting bycatch of endangered marine species. *ANNALS of APPLIED STATISTICS* 11, 2178–2199.
- Cao, J., J. T. Thorson, R. A. Richards, and Y. Chen (2017). Spatiotemporal index standardization improves the stock assessment of northern shrimp in the gulf of maine. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 74, 1781–1793.

- Cappa, F., V. Campos, S. Giannoni, and N. Andino (2017). The effects of poaching and habitat structure on anti-predator behavioral strategies: A guanaco population in a high cold desert as case study. *PLOS ONE* 12, –.
- Caputo, B., A. Ienco, M. Manica, V. Petrarca, R. Rosa, and A. della Torre (2015). New adhesive traps to monitor urban mosquitoes with a case study to assess the efficacy of insecticide control strategies in temperate areas. *PARASITES AND VECTORS* 8, –.
- Carman, K. and D. G. Jenkins (2016). Comparing diversity to flower-bee interaction networks reveals unsuccessful foraging of native bees in disturbed habitats. *BIOLOGICAL CONSERVATION* 202, 110–118.
- Caro, J., M. Delibes-Mateos, A. Estrada, R. Borralho, L. Gordinho, L. Reino, P. Beja, and B. Arroyo (2015). Effects of hunting management on mediterranean farmland birds. *BIRD CONSERVATION INTERNATIONAL* 25, 166–181.
- Carruthers, T., L. Kell, and C. Palma (2018). Accounting for uncertainty due to data processing in virtual population analysis using bayesian multiple imputation. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 75, 883–896.
- Carvalho, F., R. Ahrens, D. Murie, K. Bigelow, A. Aires-Da-Silva, M. N. Maunder, and F. Hazin (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. *ICES JOURNAL of MARINE SCIENCE* 72, 1715–1730.
- Carvalho, F., R. Ahrens, D. Murie, J. M. Ponciano, A. Aires-Da-Silva, M. N. Maunder, and F. Hazind (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. *FISHERIES RESEARCH* 154, 135–146.
- Carvalho, J. S., C. F. J. Meyer, L. Vicente, and T. A. Marques (2015). Where to nest? ecological determinants of chimpanzee nest abundance and distribution at the habitat and tree species scale. *AMERICAN JOURNAL of PRIMATOLOGY* 77, 186–199.

- Casey, J. M., A. H. Baird, S. J. Brandl, M. O. Hoogenboom, J. R. Rizzari, A. J. Frisch, C. E. Mirbach, and S. R. Connolly (2017). A test of trophic cascade theory: fish and benthic assemblages across a predator density gradient on coral reefs. *OECOLOGIA* 183, 161–175.
- Cavieres, J. and O. Nicolis (2018). Using a spatio-temporal bayesian approach to estimate the relative abundance index of yellow squat lobster (*cervimunida johni*) off chile. *FISHERIES RESEARCH* 208, 97–104.
- Chang, A. L., A. K. Deck, L. J. Sullivan, S. G. Morgan, and M. C. Ferner (2018). Upstream-downstream shifts in peak recruitment of the native olympia oyster in san francisco bay during wet and dry years. *ESTUARIES and COASTS* 41, 65–78.
- Chartrand, K. M., M. Szabo, S. Sinutok, M. A. Rasheed, and P. J. Ralph (2018). Living at the margins - the response of deep-water seagrasses to light and temperature renders them susceptible to acute impacts. *MARINE ENVIRONMENTAL RESEARCH* 136, 126–138.
- Checon, H. H., G. N. Corte, C. F. Silva, Y. Schaeffer-Novelli, and A. C. Z. Amaral (2017). Mangrove vegetation decreases density but does not affect species richness and trophic structure of intertidal polychaete assemblages. *HYDROBIOLOGIA* 795, 169–179.
- Chen, N., E. J. Cosgrove, R. Bowman, J. W. Fitzpatrick, and A. G. Clark (2016). Genomic consequences of population decline in the endangered florida scrub-jay. *CURRENT BIOLOGY* 26, 2974–2979.
- Chen, S., A. A. Cunningham, G. Wei, J. Yang, Z. Liang, J. Wang, M. Wu, F. Yan, H. Xiao, X. A. Harrison, N. Pettorelli, and S. T. Turvey (2018). Determining threatened species distributions in the face of limited data: Spatial conservation prioritization for the chinese giant salamander (*andrias davidianus*). *ECOLOGY and EVOLUTION* 8, 3098–3108.
- Chen, Y., C. Hong, Y. Ning, and X. Su (2016). Meta-analysis of studies with bivariate binary outcomes: a marginal beta-binomial model approach. *STATISTICS in MEDICINE* 35, 21–40.
- Chen, Y., Y. Liu, J. Ning, L. Nie, H. Zhu, and H. Chu (2017). A composite likelihood method for bivariate meta-analysis in diagnostic systematic

- reviews. *STATISTICAL METHODS in MEDICAL RESEARCH* 26, 914–930.
- Chiyo, P. I., J. W. Wilson, E. A. Archie, P. C. Lee, C. J. Moss, and S. C. Alberts (2014). The influence of forage, protected areas, and mating prospects on grouping patterns of male elephants. *BEHAVIORAL ECOLOGY* 25, 1494–1504.
- Choney, G. E., K. McMahon, P. S. Lavery, and N. Collier (2014). Swan grazing on seagrass: abundance but not grazing pressure varies over an annual cycle in a temperate estuary. *MARINE and FRESHWATER RESEARCH* 65, 738–749.
- Choppin, S., W. Trost, T. Dondaine, B. Millet, D. Drapier, M. Verin, G. Robert, and D. Grandjean (2016). Alteration of complex negative emotions induced by music in euthymic patients with bipolar disorder. *JOURNAL of AFFECTIVE DISORDERS* 191, 15–23.
- Christian Montes-Medina, A., A. Salinas-Melgoza, and K. Renton (2016). Contextual flexibility in the vocal repertoire of an amazon parrot. *FRONTIERS in ZOOLOGY* 13, –.
- Chuard, P. J. C., G. E. Brown, and J. W. A. Grant (2016). The effects of adult sex ratio on mating competition in male and female guppies (*poecilia reticulata*) in two wild populations. *BEHAVIOURAL PROCESSES* 129, 1–10.
- Citores, L., L. Ibaibarriaga, and E. Jardim (2018). Uncertainty estimation and model selection in stock assessment models with non-parametric effects on fishing mortality. *ICES JOURNAL of MARINE SCIENCE* 75, 585–595.
- Citta, J. J., L. T. Quakenbush, and B. D. Taras (2014). Estimation of calf:cow ratios of pacific walruses for use in population modeling and monitoring. *MARINE MAMMAL SCIENCE* 30, 20–43.
- Clawson, M. V., J. R. Skalski, J. M. Lady, C. A. Hagen, J. J. Millspaugh, D. Budeau, and J. P. Severson (2017). Performing statistical population reconstruction using program poprecon 2.0. *WILDLIFE SOCIETY BULLETIN* 41, 581–589.

- Clay, T. A., J. C. Mangel, J. Alfaro-Shigueto, D. J. Hodgson, and B. J. Godley (2018). Distribution and habitat use of a cryptic small cetacean, the burmeister’s porpoise, monitored from a small-scale fishery platform. *FRONTIERS in MARINE SCIENCE* 5, –.
- Colton, A. R., M. J. Wilberg, V. J. Coles, and T. J. Miller (2014). An evaluation of the synchronization in the dynamics of blue crab (*callinectes sapidus*) populations in the western atlantic. *FISHERIES OCEANOGRAPHY* 23, 132–146.
- Conn, P. B., J. T. Thorson, and D. S. Johnson (2017). Confronting preferential sampling when analysing population distributions: diagnosis and model-based triage. *METHODS in ECOLOGY and EVOLUTION* 8, 1535–1546.
- Conrad, J. L., A. J. Bibian, K. L. Weinersmith, D. De Carion, M. J. Young, P. Crain, E. L. Hestir, M. J. Santos, and A. Sih (2016). Novel species interactions in a highly modified estuary: Association of largemouth bass with brazilian waterweed egeria densa. *TRANSACTIONS of the AMERICAN FISHERIES SOCIETY* 145, 249–263.
- Coombes, L., G. Chan, D. Allen, and D. R. Foxcroft (2016). Mixed-methods evaluation of the good behaviour game in english primary schools. *JOURNAL of COMMUNITY AND APPLIED SOCIAL PSYCHOLOGY* 26, 369–387.
- Corria-Ainslie, R., J. J. Camarero, and M. Toledo (2015). Environmental heterogeneity and dispersal processes influence post-logging seedling establishment in a chiquitano dry tropical forest. *FOREST ECOLOGY and MANAGEMENT* 349, 122–133.
- Corriero, G., C. Pierri, S. Accoroni, G. Alabiso, G. Bavestrello, E. Barbone, M. Bastianini, A. M. Bazzoni, F. B. Aubry, F. Boero, M. C. Buia, M. Cabrini, E. Camatti, F. Cardone, B. Cataletto, R. C. Vietti, E. Cere, T. Cibic, P. Colangelo, A. De Olazabal, G. D’onghia, S. Finotto, N. Fiore, D. Fornasaro, S. Frascchetti, M. C. Gambi, A. Giangrande, C. Gravili, R. Guglielmo, C. Longo, M. Lorenti, A. Luglie, P. Maiorano, M. G. Mazzocchi, M. Mercurio, F. Mastrototaro, M. Mistri, M. Monti, C. Munari, L. Musco, C. Nonnis-Marzano, B. M. Padedda, F. P. Patti,

- A. Petrocelli, S. Piraino, G. Portacci, A. Pugnetti, S. Pulina, T. Romagnoli, I. Rosati, D. Sarno, C. T. Satta, N. Sechi, S. Schiaparelli, B. Scipione, L. Sion, A. Terlizzi, V. Tirelli, C. Totti, A. Tursi, N. Ungaro, A. Zingone, V. Zupo, and A. Basset (2016). Ecosystem vulnerability to alien and invasive species: a case study on marine habitats along the italian coast. *AQUATIC CONSERVATION-MARINE and FRESHWATER ECOSYSTEMS* 26, 392–409.
- Cosgrove, R., D. Browne, C. Minto, P. Tyndall, M. Oliver, M. Montgomerie, and M. McHugh (2019). A game of two halves: Bycatch reduction in nephrops mixed fisheries. *FISHERIES RESEARCH* 210, 31–40.
- Costa Lima Pequeno, P. A., E. Franklin, R. A. Norton, J. W. de Moraes, and D. R. Guilherme (2017). Spatial abundance pattern of a common soil arthropod changes suddenly with season in a tropical rainforest. *PEDOBIOLOGIA* 63, 46–51.
- Cote, D., J.-M. Nicolas, F. Whoriskey, A. M. Cook, J. Broome, P. M. Regular, and D. Baker (2019). Characterizing snow crab (*chionoecetes opilio*) movements in the sydney bight (nova scotia, canada): a collaborative approach using multiscale acoustic telemetry. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 76, 334–346.
- Cox, A. R., S. E. Arnott, and H. P. Riessen (2018). Nonlinear effects of aqueous calcium concentration on antipredator response in daphnia. *HYDROBIOLOGIA* 820, 79–89.
- Craiu, R. V. and T. Duchesne (2018). A scalable and efficient covariate selection criterion for mixed effects regression models with unknown random effects structure. *COMPUTATIONAL STATISTICS AND DATA ANALYSIS* 117, 154–161.
- Cunningham, C. J., T. A. Branch, T. H. Dann, M. Smith, J. E. Seeb, L. W. Seeb, and R. Hilborn (2018). A general model for salmon run reconstruction that accounts for interception and differences in availability to harvest. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 75, 439–451.
- Curkovic, T., J. Vergara, J. E. Araya, and A. Contreras (2017). Selective attraction of *vespula germanica* (hymenoptera: Vespidae) to feeding baits

- enhanced with isobutanol and acetic acid. *CHILEAN JOURNAL of AGRICULTURAL AND ANIMAL SCIENCES* 33, 195–201.
- Cusick, J. A., M. de Villa, E. H. Duval, and J. A. Cox (2018). How do helpers help? helper contributions throughout the nesting cycle in the cooperatively breeding brown-headed nuthatch. *BEHAVIORAL ECOLOGY and SOCIOBIOLOGY* 72, –.
- da Silva, P. G., M. I. Medina Hernandez, and J. Heino (2018). Disentangling the correlates of species and site contributions to beta diversity in dung beetle assemblages. *DIVERSITY and DISTRIBUTIONS* 24, 1674–1686.
- Dalrymple, U., R. Arambepola, P. W. Gething, and E. Cameron (2018). How long do rapid diagnostic tests remain positive after anti-malarial treatment? *MALARIA JOURNAL* 17, –.
- Dalrymple, U., E. Cameron, S. Bhatt, D. J. Weiss, S. Gupta, and P. W. Gething (2017). Quantifying the contribution of plasmodium falciparum malaria to febrile illness amongst african children. *ELIFE* 6, –.
- Damiano, M. D. and M. J. Wilberg (2019). Population dynamics of eastern oysters in the choptank river complex, maryland during 1989-2015. *FISHERIES RESEARCH* 212, 196–207.
- Dauber, J., S. Cass, D. Gabriel, K. Harte, S. Astroem, E. O’Rourke, and J. C. Stout (2015). Yield-biodiversity trade-off in patchy fields of miscanthus x giganteus. *GLOBAL CHANGE BIOLOGY BIOENERGY* 7, 455–467.
- David, M., R. Pinxten, T. Martens, and M. Eens (2015). Exploration behavior and parental effort in wild great tits: partners matter. *BEHAVIORAL ECOLOGY and SOCIOBIOLOGY* 69, 1085–1095.
- Davis, B., S. Van der Feest, and H. Yi (2018). Speech sound characteristics of early words: influence of phonological factors across vocabulary development. *JOURNAL of CHILD LANGUAGE* 45, 673–702.
- Davis, B. L., F. Chenu, and H. Yi (2018). Phonological selection patterns in early words: A preliminary cross-linguistic investigation. *CANADIAN JOURNAL of LINGUISTICS-REVUE CANADIENNE DE LINGUISTIQUE* 63, 556–579.

- Davis, N. E., J. Di Stefano, G. Coulson, J. Whelan, and J. Wright (2016). Vegetation management influences habitat use by mammalian herbivores in shrub-encroached grassy woodland. *WILDLIFE RESEARCH* 43, 438–447.
- Dawson, D. E., J. H. Keung, M. G. Napoles, M. R. Vella, S. Chen, M. W. Sanderson, and C. Lanzas (2018). Investigating behavioral drivers of seasonal shiga-toxigenic escherichia coli (stec) patterns in grazing cattle using an agent-based model. *PLOS ONE* 13, –.
- de Lestang, S. (2014). The orientation and migratory dynamics of the western rock lobster, *panulirus cygnus*, in western australia. *ICES JOURNAL of MARINE SCIENCE* 71, 1052–1063.
- de Lestang, S. (2018). Could warming oceans and increased lobster biomass rates be affecting growth rates in australia’s largest lobster fishery? *BULLETIN of MARINE SCIENCE* 94, 1055–1075.
- de Moor, C. L. and D. S. Butterworth (2015). Assessing the south african sardine resource: two stocks rather than one? *AFRICAN JOURNAL of MARINE SCIENCE* 37, 41–51.
- de Moor, C. L., D. S. Butterworth, and C. D. van der Lingen (2017). The quantitative use of parasite data in multistock modelling of south african sardine (*sardinops sagax*). *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 74, 1895–1903.
- de Moura Barboza, C. A., C. C. Martins, and P. d. C. Lana (2015). Dissecting the distribution of brittle stars along a sewage pollution gradient indicated by organic markers. *MARINE POLLUTION BULLETIN* 100, 438–444.
- de Souza-Campana, D. R., R. R. Silva, T. T. Fernandes, O. G. de Moraes Silva, L. P. Saad, and M. S. de Castro Morini (2017). Twigs in the leaf litter as ant habitats in different vegetation habitats in southeastern brazil. *TROPICAL CONSERVATION SCIENCE* 10, –.
- de Szechy, M. T. M., V. d. S. Koutsoukos, and C. A. de Moura Barboza (2017). Long-term decline of brown algal assemblages from southern brazil under the influence of a nuclear power plant. *ECOLOGICAL INDICATORS* 80, 258–267.

- de Valpine, P., D. Turek, C. J. Paciorek, C. Anderson-Bergman, D. T. Lang, and R. Bodik (2017a). Programming with models: Writing statistical algorithms for general model structures with nimble. *JOURNAL of COMPUTATIONAL and GRAPHICAL STATISTICS* 26, 403–413.
- de Valpine, P., D. Turek, C. J. Paciorek, C. Anderson-Bergman, D. T. Lang, and R. Bodik (2017b). Programming with models: Writing statistical algorithms for general model structures with nimble. *JOURNAL of COMPUTATIONAL and GRAPHICAL STATISTICS* 26, 403–413.
- de Zwaan, D. R. and K. Martin (2018). Substrate and structure of ground nests have fitness consequences for an alpine songbird. *IBIS* 160, 790–804.
- Deal, N. D. S., I. Gravolin, and B. B. M. Wong (2016). The influence of parental status on courtship effort in a paternal caring fish. *ETHOLOGY* 122, 902–911.
- Dermauw, V., S. Meas, B. Chea, T. Onkelinx, S. Sorn, D. Holl, J. Charlier, J. Vercruysse, and P. Dorny (2017). Effects of anthelmintic treatment and feed supplementation on parasite infections and morbidity parameters in cambodian cattle. *VETERINARY PARASITOLOGY* 235, 113–122.
- Desjardins, C. D. (2016). Modeling zero-inflated and overdispersed count data: An empirical study of school suspensions. *JOURNAL of EXPERIMENTAL EDUCATION* 84, 449–472.
- Di Virgilio, A., G. C. Amico, and J. M. Morales (2014). Behavioral traits of the arboreal marsupial dromiciops gliroides during tristerix corymbosus fruiting season. *JOURNAL of MAMMALOGY* 95, 1189–1198.
- Diaz, D., S. Mallol, A. M. Parma, and R. Goni (2016). A 25-year marine reserve as proxy for the unfished condition of an exploited species. *BIOLOGICAL CONSERVATION* 203, 97–107.
- Dichmont, C. M., R. A. Deng, and A. E. Punt (2016). How many of australia’s stock assessments can be conducted using stock assessment packages? *MARINE POLICY* 74, 279–287.
- Dichmont, C. M., R. A. Deng, A. E. Punt, J. Brodziak, Y.-J. Chang, J. M. Cope, J. N. Ianelli, C. M. Legault, J. Methot, Richard D., C. E. Porch,

- M. H. Prager, and K. W. Shertzer (2016). A review of stock assessment packages in the united states. *FISHERIES RESEARCH* 183, 447–460.
- Diego Ibanez-Alamo, J., E. Rubio, Y. Benedetti, and F. Morelli (2017). Global loss of avian evolutionary uniqueness in urban areas. *GLOBAL CHANGE BIOLOGY* 23, 2990–2998.
- Dinsdale, D. and M. Salibian-Barrera (2019). Methods for preferential sampling in geostatistics. *JOURNAL of the ROYAL STATISTICAL SOCIETY SERIES C-APPLIED STATISTICS* 68, 181–198.
- Diquelou, M. C., G. R. MacFarlane, and A. S. Griffin (2018). Investigating responses to control: a comparison of common myna behaviour across areas of high and low trapping pressure. *BIOLOGICAL INVASIONS* 20, 3591–3604.
- DiRenzo, G. V., C. Che-Castaldo, A. Rugenski, R. Brenes, M. R. Whiles, C. M. Pringle, S. S. Kilham, and K. R. Lips (2017). Disassembly of a tadpole community by a multi-host fungal pathogen with limited evidence of recovery. *ECOLOGICAL APPLICATIONS* 27, 309–320.
- Dolder, P. J., J. T. Thorson, and C. Minto (2018). Spatial separation of catches in highly mixed fisheries. *SCIENTIFIC REPORTS* 8, –.
- Donovan, M. K., A. M. Friedlander, P. Usseglio, W. Goodell, I. Iglesias, E. M. Schemmel, K. A. Stamoulis, A. Filous, J. Giddens, K. Kamikawa, H. Koike, K. McCoy, and C. B. Wall (2016). Effects of gear restriction on the abundance of juvenile fishes along sandy beaches in hawai’i. *PLOS ONE* 11, –.
- Doogan, N. J., S. Cooper, A. J. Quisenberry, T. M. Brasky, C. R. Browning, E. G. Klein, A. Hinton, H. N. Nagaraja, W. Xi, and M. E. Wewers (2018). The role of travel distance and price promotions in tobacco product purchase quantity. *HEALTH AND PLACE* 51, 151–157.
- Doonan, I., K. Large, A. Dunn, S. Rasmussen, C. Marsh, and S. Mormede (2016). Casal2: New zealand’s integrated population modelling tool. *FISHERIES RESEARCH* 183, 498–505.
- Dorji, T., K. A. Hopping, S. Wang, S. Piao, T. Tarchene, and J. A. Klein (2018). Grazing and spring snow counteract the effects of warming on an

- alpine plant community in tibet through effects on the dominant species. *AGRICULTURAL and FOREST METEOROLOGY* 263, 188–197.
- Dorji, T., S. R. Moe, J. A. Klein, S. Wang, and O. Totland (2016). Performance of two alpine plant species along environmental gradients in an alpine meadow ecosystem in central tibet. *ECOLOGICAL RESEARCH* 31, 417–426.
- Dorken, M. E., R. P. Freckleton, and J. R. Pannell (2017). Small-scale and regional spatial dynamics of an annual plant with contrasting sexual systems. *JOURNAL of ECOLOGY* 105, 1044–1057.
- Douglas, C. M. S., G. Cowlishaw, X. A. Harrison, J. Henschel, N. Pettorelli, and M. Mulligan (2018). Identifying the determinants of tree distributions along a large ephemeral river. *ECOSPHERE* 9, –.
- Drury, J. P., C. N. Anderson, and G. F. Grether (2015). Seasonal polyphenism in wing coloration affects species recognition in rubyspot damselflies (hetaerina spp.). *JOURNAL of EVOLUTIONARY BIOLOGY* 28, 1439–1452.
- Du, S. N. N., E. S. McCallum, M. Vaseghi-Shanjani, J. A. Choi, T. R. Wariner, S. Balshine, and G. R. Scott (2018). Metabolic costs of exposure to wastewater effluent lead to compensatory adjustments in respiratory physiology in bluegill sunfish. *ENVIRONMENTAL SCIENCE AND TECHNOLOGY* 52, 801–811.
- Dubs, F., A. Vergnes, E. Mirlicourtois, I. Le Viol, C. Kerbirou, J. GoulNIK, S. Belghali, L. Bentze, S. Barot, and E. Porcher (2018). Positive effects of wheat variety mixtures on aboveground arthropods are weak and variable. *BASIC and APPLIED ECOLOGY* 33, 66–78.
- Dudek, B. M., M. N. Kochert, J. G. Barnes, P. H. Bloom, J. M. Papp, R. W. Gerhold, K. E. Purple, K. V. Jacobson, C. R. Preston, C. R. Vennum, J. W. Watson, and J. A. Heath (2018). Prevalence and risk factors of trichomonas gallinae and trichomonosis in golden eagle (aquila chrysaetos) nestlings in western north america. *JOURNAL of WILDLIFE DISEASES* 54, 755–764.

- Dufour, V., C. Pasquaretta, P. Gayet, and E. H. M. Sterck (2017). The extraordinary nature of barney’s drumming: A complementary study of ordinary noise making in chimpanzees. *FRONTIERS in NEUROSCIENCE* 11, –.
- Dukai, B. v. T., D. B. Lindenmayer, and S. C. Banks (2018). Environmental influences on growth and reproductive maturation of a keystone forest tree: Implications for obligate seeder susceptibility to frequent fire. *FOREST ECOLOGY and MANAGEMENT* 411, 108–119.
- Dunlop, R. A., M. J. Noad, R. D. McCauley, E. Kniest, D. Paton, and D. H. Cato (2015). The behavioural response of humpback whales (megaptera novaeangliae) to a 20 cubic inch air gun. *AQUATIC MAMMALS* 41, 412–433.
- Dworkin, E. R., J. Cadigan, T. Hughes, C. Lee, and D. Kaysen (2018). Sexual identity of drinking companions, drinking motives, and drinking behaviors among young sexual minority women: An analysis of daily data. *PSYCHOLOGY of ADDICTIVE BEHAVIORS* 32, 540–551.
- Dworkin, E. R., S. E. Ullman, C. Stappenbeck, C. D. Brill, and D. Kaysen (2018). Proximal relationships between social support and ptsd symptom severity: A daily diary study of sexual assault survivors. *DEPRESSION and ANXIETY* 35, 43–49.
- Dwyer-Lindgren, L., A. Bertozzi-Villa, R. Stubbs, C. Morozoff, J. P. Mackenbach, F. J. van Lenthe, A. H. Mokdad, and C. J. L. Murray (2017). Inequalities in life expectancy among us counties, 1980 to 2014 temporal trends and key drivers. *JAMA INTERNAL MEDICINE* 177, 1003–1011.
- Dwyer-Lindgren, L., A. Bertozzi-Villa, R. W. Stubbs, C. Morozoff, M. J. Kutz, C. Huynh, R. M. Barber, K. A. Shackelford, J. P. Mackenbach, F. J. van Lenthe, A. D. Flaxman, M. Naghavi, A. H. Mokdad, and C. J. L. Murray (2016). Us county-level trends in mortality rates for major causes of death, 1980-2014. *JAMA-JOURNAL of the AMERICAN MEDICAL ASSOCIATION* 316, 2385–2401.
- Dwyer-Lindgren, L., A. Bertozzi-Villa, R. W. Stubbs, C. Morozoff, S. Shirude, M. Naghavi, A. H. Mokdad, and C. J. L. Murray (2017). Trends and patterns of differences in chronic respiratory disease mortality among

- us counties, 1980-2014. *JAMA-JOURNAL of the AMERICAN MEDICAL ASSOCIATION* 318, 1136–1149.
- Dwyer-Lindgren, L., A. Bertozzi-Villa, R. W. Stubbs, C. Morozoff, S. Shirude, J. Unutzer, M. Naghavi, A. H. Mokdad, and C. J. L. Murray (2018). Trends and patterns of geographic variation in mortality from substance use disorders and intentional injuries among us counties, 1980-2014. *JAMA-JOURNAL of the AMERICAN MEDICAL ASSOCIATION* 319, 1013–1023.
- Dwyer-Lindgren, L., J. P. Mackenbach, F. J. van Lenthe, A. D. Flaxman, and A. H. Mokdad (2016). Diagnosed and undiagnosed diabetes prevalence by county in the us, 1999-2012. *DIABETES CARE* 39, 1556–1562.
- Dwyer-Lindgren, L., J. P. Mackenbach, F. J. van Lenthe, and A. H. Mokdad (2017). Self-reported general health, physical distress, mental distress, and activity limitation by us county, 1995-2012. *POPULATION HEALTH METRICS* 15, –.
- Dwyer-Lindgren, L., E. R. Squires, S. Teeple, G. Ikilezi, D. A. Roberts, D. V. Colombara, S. K. Allen, S. M. Kamande, N. Graetz, A. D. Flaxman, C. El Bcheraoui, K. Asbjornsdottir, G. Asimwe, A. Augusto, O. Augusto, B. Chilundo, C. De Schacht, S. Gimbel, C. Kamya, F. Namugaya, F. Masiye, C. Mauieia, Y. Miangotar, H. Mimche, A. Sabonete, H. Sarma, K. Sherr, M. Simuyemba, A. C. Sinyangwe, J. Uddin, B. H. Wagenaar, and S. S. Lim (2018). Small area estimation of under-5 mortality in bangladesh, cameroon, chad, mozambique, uganda, and zambia using spatially misaligned data. *POPULATION HEALTH METRICS* 16, –.
- Dwyer-Lindgren, L., R. W. Stubbs, A. Bertozzi-Villa, C. Morozoff, C. Callender, S. B. Finegold, S. Shirude, A. D. Flaxman, A. Laurent, E. Kern, J. S. Duchin, D. Fleming, A. H. Mokdad, and C. J. L. Murray (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. *LANCET PUBLIC HEALTH* 2, E400–E410.
- Dyer, J. J., T. A. Worthington, and S. K. Brewer (2015). Response of crayfish to hyporheic water availability and excess sedimentation. *HYDROBIOLOGIA* 747, 147–157.

- El Bcheraoui, C., A. H. Mokdad, L. Dwyer-Lindgren, A. Bertozzi-Villa, R. W. Stubbs, C. Morozoff, S. Shirude, M. Naghavi, and C. J. L. Murray (2018). Trends and patterns of differences in infectious disease mortality among us counties, 1980-2014. *JAMA-JOURNAL of the AMERICAN MEDICAL ASSOCIATION* 319, 1248–1260.
- Eldering, M., A. Bompard, K. Miura, W. Stone, I. Morlais, A. Cohuet, G.-J. van Gemert, P. M. Brock, S. R. Rijpma, M. van de Vegte-Bolmer, W. Graumans, R. Siebelink-Stoter, D. F. Da, C. A. Long, M. J. Morin, R. W. Sauerwein, T. S. Churcher, and T. Bousema (2017). Comparative assessment of an. gambiae and an. stephensi mosquitoes to determine transmission-reducing activity of antibodies against p-falciparum sexual stage antigens. *PARASITES AND VECTORS* 10, –.
- Elston, J., V. Rolland, and S. E. Trauth (2016). Urban ditch characteristics associated with turtle abundance and species richness. *HERPETOLOGICAL CONSERVATION and BIOLOGY* 11, 132–141.
- Elvarsson, B. P., L. Taylor, V. M. Trenkel, V. Kupca, and G. Stefansson (2014). A bootstrap method for estimating bias and variance in statistical fisheries modelling frameworks using highly disparate datasets. *AFRICAN JOURNAL of MARINE SCIENCE* 36, 99–110.
- Essono, P. Y. B., F.-X. Dechaume-Moncharmont, J. Mavoungou, R. O. Mba, G. Duvallet, and F. Bretagnolle (2015). Distribution and abundance of hematophagous flies (glossinidae, stomoxys, and tabanidae) in two national parks of gabon. *PARASITE* 22, –.
- Fairchild, T. P., M. S. Fowler, S. Pahl, and J. N. Griffin (2018). Multiple dimensions of biodiversity drive human interest in tide pool communities. *SCIENTIFIC REPORTS* 8, –.
- Fanali, L. Z., L. Franco-Belussi, C. R. Bonini-Domingos, and C. de Oliveira (2018). Effects of benzo[a]pyrene on the blood and liver of physalaemus cuvieri and leptodactylus fuscus (anura: Leptodactylidae). *ENVIRONMENTAL POLLUTION* 237, 93–102.
- Fangel, K., K. M. Brum, S. Christensen-Dalsgaard, O. Aas, and T. Anker-Nilssen (2017). Incidental bycatch of northern fulmars in the small-vessel

- demersal longline fishery for greenland halibut in coastal norway 2012-2014. *ICES JOURNAL of MARINE SCIENCE* 74, 332–342.
- Fay, G., J. S. Link, S. I. Large, and R. J. Gamble (2015). Management performance of ecological indicators in the georges bank finfish fishery. *ICES JOURNAL of MARINE SCIENCE* 72, 1285–1296.
- Fayolle, S., C. Bertrand, M. Logez, and E. Franquet (2015). Does mosquito control by bti spraying affect the phytoplankton community? a 5-year study in camargue temporary wetlands (france). *ANNALES DE LIMNOLOGIE-INTERNATIONAL JOURNAL of LIMNOLOGY* 51, 189–198.
- Fayolle, S., C. Bertrand, M. Logez, and E. Franquet (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). *ANNALES DE LIMNOLOGIE-INTERNATIONAL JOURNAL of LIMNOLOGY* 52, 1–11.
- Feder, A. F., S.-Y. Rhee, S. P. Holmes, R. W. Shafer, D. A. Petrov, and P. S. Pennings (2016). More effective drugs lead to harder selective sweeps in the evolution of drug resistance in hiv-1. *ELIFE* 5, –.
- Feenstra, J., A. E. Punt, and R. 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. *FISHERIES RESEARCH* 191, 164–178.
- Feltham, H., K. Park, J. Minderman, and D. Goulson (2015). Experimental evidence that wildflower strips increase pollinator visits to crops. *ECOLOGICAL and EVOLUTION* 5, 3523–3530.
- Fernandez-de Una, L., S. Rossi, I. Aranda, P. Fonti, B. D. Gonzalez-Gonzalez, I. Canellas, and G. Gea-Izquierdo (2017). Xylem and leaf functional adjustments to drought in *pinus sylvestris* and *quercus pyrenaica* at their elevational boundary. *FRONTIERS in PLANT SCIENCE* 8, –.
- Ferreira, A. C., J. W. Atwell, D. J. Whittaker, E. D. Ketterson, and G. C. Cardoso (2016). Communication value of mistakes in dark-eyed junco song. *AMERICAN NATURALIST* 188, 289–305.

- Fidej, G., A. Rozman, T. A. Nagel, I. Dakskobler, and J. Diaci (2016). Influence of salvage logging on forest recovery following intermediate severity canopy disturbances in mixed beech dominated forests of slovenia. *IForest-BIOGEOSCIENCES and FORESTRY* 9, 430–436.
- Fielder, D. G., M. L. Jones, and J. 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. *NORTH AMERICAN JOURNAL of FISHERIES MANAGEMENT* 36, 407–420.
- Finda, M. F., A. J. Limwagu, H. S. Ngowo, N. S. Matowo, J. K. Swai, E. Kaindoa, and F. O. Okumu (2018). Dramatic decreases of malaria transmission intensities in ifakara, south-eastern tanzania since early 2000s. *MALARIA JOURNAL* 17, –.
- Firth, J. A., B. L. Verhelst, R. A. Crates, C. J. Garroway, and B. C. Sheldon (2018). Spatial, temporal and individual-based differences in nest-site visits and subsequent reproductive success in wild great tits. *JOURNAL of AVIAN BIOLOGY* 49, –.
- Fisch, N. C., J. R. Bence, J. T. Myers, E. K. Berglund, and D. L. Yule (2019). A comparison of age- and size-structured assessment models applied to a stock of cisco in thunder bay, ontario. *FISHERIES RESEARCH* 209, 86–100.
- Fischer, M., V. Cabello, S. Popp, S. Krackow, L. Hommers, J. Deckert, K.-P. Lesch, and A. G. Schmitt-Boehrer (2017). Rsk2 knockout affects emotional behavior in the intellicage. *BEHAVIOR GENETICS* 47, 434–448.
- Flacio, E., L. Engeler, M. Tonolla, and P. Mueller (2016). Spread and establishment of aedes albopictus in southern switzerland between 2003 and 2014: an analysis of oviposition data and weather conditions. *PARASITES AND VECTORS* 9, –.
- 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. *OECOLOGIA* 183, 1041–1051.

- Forrest, R. E., K. R. Holt, and A. R. Kronlund (2018). Performance of alternative harvest control rules for two pacific groundfish stocks with uncertain natural mortality: Bias, robustness and trade-offs. *FISHERIES RESEARCH* 206, 259–286.
- Forrestal, F. C., C. P. Goodyear, and M. Schirripa (2019). Applications of the longline simulator (llsim) using us pelagic longline logbook data and atlantic blue marlin. *FISHERIES RESEARCH* 211, 331–337.
- Forrestal, F. C., M. Schirripa, C. P. Goodyear, H. Arrizabalaga, E. A. Babcock, R. Coelho, W. Ingram, M. Lauretta, M. Ortiz, R. Sharma, and J. Walter (2019). Testing robustness of cpue standardization and inclusion of environmental variables with simulated longline catch datasets. *FISHERIES RESEARCH* 210, 1–13.
- Foth, J. R., J. N. Straub, R. M. Kaminski, J. B. Davis, and T. D. Leininger (2014). Aquatic invertebrate abundance and biomass in arkansas, mississippi, and missouri bottomland hardwood forests during winter. *JOURNAL of FISH and WILDLIFE MANAGEMENT* 5, 243–251.
- Fournier, D. A., H. J. Skaug, J. Ancheta, J. Ianelli, A. Magnusson, M. N. Maunder, A. Nielsen, and J. Sibert (2011). Ad model builder: using automatic differentiation for statistical inference of highly parameterized complex nonlinear models. *Optimization Methods and Software* 27, 233–249.
- Francis, R. I. C. C. (2017). Revisiting data weighting in fisheries stock assessment models. *FISHERIES RESEARCH* 192, 5–15.
- Francis, R. I. C. C., A. M. Aires-da Silva, M. N. Maunder, K. M. Schaefer, and D. W. Fuller (2016). Estimating fish growth for stock assessments using both age-length and tagging-increment data. *FISHERIES RESEARCH* 180, 113–118.
- Franco-Belussi, L., C. De Oliveira, and H. N. Skoeld (2018). Regulation of eye and jaw colouration in three-spined stickleback *gasterosteus aculeatus*. *JOURNAL of FISH BIOLOGY* 92, 1788–1804.
- Franco-Belussi, L., L. Z. Fanali, and C. De Oliveira (2018). Uv-b affects the immune system and promotes nuclear abnormalities in pigmented and non-pigmented bullfrog tadpoles. *JOURNAL of PHOTOCHEMISTRY and PHOTOBIOLOGY B-BIOLOGY* 180, 109–117.

- Frank, H. K., C. D. Mendenhall, S. D. Judson, G. C. Daily, and E. A. Hadly (2016). Anthropogenic impacts on costa rican bat parasitism are sex specific. *ECOLOGY and EVOLUTION* 6, 4898–4909.
- Franz, M., L. B. Goodman, G. R. Van de Walle, N. Osterrieder, and A. D. Greenwood (2017). A point mutation in a herpesvirus co-determines neuropathogenicity and viral shedding. *VIRUSES-BASEL* 9, –.
- Freitas, M. O., V. Abilhoa, V. J. Giglio, M. Hostim-Silva, R. L. de Moura, R. B. Francini-Filho, and C. V. Minte-Vera (2015). Diet and reproduction of the goliath grouper, *epinephelus itajara* (actinopterygii: Perciformes: Serranidae), in eastern brazil. *ACTA ICHTHYOLOGICA ET PISCATORIA* 45, 1–11.
- Freitas, M. O., M. Previero, C. V. Minte-Vera, H. L. Spach, R. B. Francini-Filho, and R. L. Moura (2018). Reproductive biology and management of two commercially important groupers in the sw atlantic. *ENVIRONMENTAL BIOLOGY of FISHES* 101, 79–94.
- French, S. K. and S. J. McCauley (2018). Canopy cover affects habitat selection by adult dragonflies. *HYDROBIOLOGIA* 818, 129–143.
- Fresneau, N. and W. Muller (2016). Information warfare in avian families: sex-specific begging responses to need and social environment in canary nestlings. *ANIMAL BEHAVIOUR* 115, 137–143.
- Frishkoff, L. O., E. A. Hadly, and G. C. Daily (2015). Thermal niche predicts tolerance to habitat conversion in tropical amphibians and reptiles. *GLOBAL CHANGE BIOLOGY* 21, 3901–3916.
- Fuller, L., M. Newman, S. Irwin, T. Kelly, and J. O’Halloran (2014). Ground-dwelling spider diversity in rare european oak and yew woodlands and the impact of grazing. *BIODIVERSITY and CONSERVATION* 23, 1911–1929.
- Fursdon, J. B., J. M. Martin, M. G. Bertram, T. K. Lehtonen, and B. B. M. Wong (2019). The pharmaceutical pollutant fluoxetine alters reproductive behaviour in a fish independent of predation risk. *SCIENCE of the TOTAL ENVIRONMENT* 650, 642–652.

- Gaichas, S. K., M. Fogarty, G. Fay, R. Gamble, S. Lucey, and L. Smith (2017). Combining stock, multispecies, and ecosystem level fishery objectives within an operational management procedure: simulations to start the conversation. *ICES JOURNAL of MARINE SCIENCE* 74, 552–565.
- Gallant, D., L. Leger, E. Tremblay, D. Berteaux, N. Lecomte, and L. Vasseur (2016). Linking time budgets to habitat quality suggests that beavers (*castor canadensis*) are energy maximizers. *CANADIAN JOURNAL of ZOOLOGY* 94, 671–676.
- Gamelon, M., J. Tufto, A. L. K. Nilsson, K. Jerstad, O. W. Rostad, N. C. Stenseth, and B.-E. Saether (2018). Environmental drivers of varying selective optima in a small passerine: A multivariate, multiepisodic approach. *EVOLUTION* 72, 2325–2342.
- Garbett, R., M. Herremans, G. Maude, R. P. Reading, and A. Amar (2018). Raptor population trends in northern botswana: A re-survey of road transects after 20 years. *BIOLOGICAL CONSERVATION* 224, 87–99.
- Garcia-Hernandez, S. and G. Machado (2017). Effectiveness of maternal egg attendance in an exclusively cave-dwelling harvestman (arachnida: Opiliones). *JOURNAL of ZOOLOGY* 302, 228–235.
- Garner, S. B., I. Patterson, William F., and C. E. Porch (2017). Experimental assessment of circle vs. j hook performance and selectivity in the northern gulf of mexico recreational reef fish fishery. *ICES JOURNAL of MARINE SCIENCE* 74, 1437–1447.
- Garner, S. B., I. Patterson, William F., C. E. Porch, and J. H. Tarnecki (2014). Experimental assessment of circle hook performance and selectivity in the northern gulf of mexico recreational reef fish fishery. *MARINE and COASTAL FISHERIES* 6, 235–246.
- Gatti, F. D., T. H. Araujo Rodrigues, L. A. Dias Figueiredo, and M. A. Alves Carneiro (2018). Longhorn beetle (coleoptera: Cerambycidae) assemblage and the structural heterogeneity of habitat at the brazilian atlantic forest. *ENVIRONMENTAL ENTOMOLOGY* 47, 1413–1419.
- Gazey, W. J., B. J. Gallaway, J. G. Cole, and D. A. Fournier (2014). Accounting for fishing mortality when comparing density-dependent with

- density-independent mortality in gulf of mexico red snapper: Response to comment. *NORTH AMERICAN JOURNAL of FISHERIES MANAGEMENT* 34, 352–358.
- Geisner, I. M., M. A. Lewis, I. C. Rhew, A. J. Mittmann, M. E. Larimer, and C. M. Lee (2017). Does one day of drinking matter? 21st birthday drinking predicts subsequent drinking and consequences. *ADDICTIVE BEHAVIORS* 64, 57–61.
- Gerber, L. and R. Furrer (2015). Pitfalls in the implementation of bayesian hierarchical modeling of areal count data: An illustration using bym and leroux models. *JOURNAL of STATISTICAL SOFTWARE* 63, 1–32.
- 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. *BULLETIN of ENTOMOLOGICAL RESEARCH* 104, 288–294.
- Gezon, Z. J., D. W. Inouye, and R. E. Irwin (2016). Phenological change in a spring ephemeral: implications for pollination and plant reproduction. *GLOBAL CHANGE BIOLOGY* 22, 1779–1793.
- Gijbels, P., T. Ceulemans, W. Van den Ende, and O. Honnay (2015). Experimental fertilization increases amino acid content in floral nectar, fruit set and degree of selfing in the orchid *gymnadenia conopsea*. *OECOLOGIA* 179, 785–795.
- Gleiser, G., I. J. Chybicki, S. C. Gonzalez-Martinez, and M. A. Aizen (2018). Phenological match drives pollen-mediated gene flow in a temporally dimorphic tree. *PLANT BIOLOGY* 20, 93–100.
- Godwin, J. L., L. G. Spurgin, T. Michalczyk, O. Y. Martin, A. J. Lumley, T. Chapman, and M. J. G. Gage (2018). Lineages evolved under stronger sexual selection show superior ability to invade conspecific competitor populations. *EVOLUTION LETTERS* 2, 511–523.
- Godwin, J. L., R. Vasudeva, L. Michalczyk, O. Y. Martin, A. J. Lumley, T. Chapman, and M. J. G. Gage (2017). Experimental evolution reveals that sperm competition intensity selects for longer, more costly sperm. *EVOLUTION LETTERS* 1, 102–113.

- Goedknecht, M. A., A.-K. Schuster, C. Buschbaum, R. Gergs, A. S. Jung, P. C. Luttikhuizen, J. van der Meer, K. Troost, K. M. Wegner, and D. W. Thielges (2017). Spillover but no spillback of two invasive parasitic copepods from invasive pacific oysters (*crassostrea gigas*) to native bivalve hosts. *BIOLOGICAL INVASIONS* 19, 365–379.
- Goethel, D. R. and A. M. Berger (2017). Accounting for spatial complexities in the calculation of biological reference points: effects of misdiagnosing population structure for stock status indicators. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 74, 1878–1894.
- Goethel, D. R., C. M. Legault, and S. 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. *ICES JOURNAL of MARINE SCIENCE* 72, 164–177.
- Goethel, D. R., C. M. Legault, and S. X. Cadrin (2015b). Testing the performance of a spatially explicit tag-integrated stock assessment model of yellowtail flounder (*limanda ferruginea*) through simulation analysis. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 72, 582–601.
- Gonzalez, E. J., C. Martorell, and B. M. Bolker (2016). Inverse estimation of integral projection model parameters using time series of population-level data. *METHODS in ECOLOGY and EVOLUTION* 7, 147–156.
- Gonzalez-Rivero, M., A. R. Harborne, A. Herrera-Reveles, Y. M. Bozec, A. Rogers, A. Friedman, A. Ganase, and O. Hoegh-Guldberg (2017). Linking fishes to multiple metrics of coral reef structural complexity using three-dimensional technology. *SCIENTIFIC REPORTS* 7, –.
- Goodsman, D. W., G. Groszkos, B. H. Aukema, C. Whitehouse, K. P. Bleiker, N. G. McDowell, R. S. Middleton, and C. Xu (2018). The effect of warmer winters on the demography of an outbreak insect is hidden by intraspecific competition. *GLOBAL CHANGE BIOLOGY* 24, 3620–3628.
- Goullaud, E. L., D. R. De Zwaan, and K. Martin (2018). Predation risk-induced adjustments in provisioning behavior for horned lark (*eremophila alpestris*) in british columbia. *WILSON JOURNAL of ORNITHOLOGY* 130, 180–190.

- Gouvras, A. N., F. Allan, S. Kinung’hi, M. Rabone, A. Emery, T. Angelo, T. Pennance, B. Webster, H. Nagai, and D. Rollinson (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. *PARASITES AND VECTORS* 10, –.
- Gravem, S. A. and S. G. Morgan (2019). Trait-mediated indirect effects in a natural tidepool system. *MARINE BIOLOGY* 166, –.
- Greene, D. U., R. A. McCleery, L. M. Wagner, and E. P. Garrison (2016). A comparison of four survey methods for detecting fox squirrels in the southeastern united states. *JOURNAL of FISH and WILDLIFE MANAGEMENT* 7, 99–106.
- Greene, L. K., E. A. McKenney, T. M. O’Connell, and C. M. Drea (2018). The critical role of dietary foliage in maintaining the gut microbiome and metabolome of folivorous sifakas. *SCIENTIFIC REPORTS* 8, –.
- Greggor, A. L., J. W. Jolles, A. Thornton, and N. S. Clayton (2016). Seasonal changes in neophobia and its consistency in rooks: the effect of novelty type and dominance position. *ANIMAL BEHAVIOUR* 121, 11–20.
- Grider, J. F., A. L. Larsen, J. A. Homyack, and M. C. Kalcounis-Rueppell (2016). Winter activity of coastal plain populations of bat species affected by white-nose syndrome and wind energy facilities. *PLOS ONE* 11, –.
- Griesser, M., P. Halvarsson, S. M. Drobniak, and C. Vila (2015). Fine-scale kin recognition in the absence of social familiarity in the siberian jay, a monogamous bird species. *MOLECULAR ECOLOGY* 24, 5726–5738.
- Griffin, L. P., C. R. Haak, J. W. Brownscombe, C. R. Griffin, and A. J. Danylchuk (2019). A comparison of juvenile bonefish diets in eleuthera, the bahamas, and florida, us. *ENVIRONMENTAL BIOLOGY of FISHES* 102, 147–157.
- Grimsditch, G., C. Pisapia, M. Huck, J. Karisa, D. Obura, and M. Sweet (2017). Variation in size frequency distribution of coral populations under different fishing pressures in two contrasting locations in the indian ocean. *MARINE ENVIRONMENTAL RESEARCH* 131, 146–155.

- Grinsted, L. and J. Field (2017a). Biological markets in cooperative breeders: quantifying outside options. *PROCEEDINGS of the ROYAL SOCIETY B-BIOLOGICAL SCIENCES* 284, –.
- Grinsted, L. and J. Field (2017b). Market forces influence helping behaviour in cooperatively breeding paper wasps. *NATURE COMMUNICATIONS* 8, –.
- Grof-Tisza, P., E. LoPresti, S. K. Heath, and R. Karban (2017). Plant structural complexity and mechanical defenses mediate predator-prey interactions in an odonate-bird system. *ECOLOGY and EVOLUTION* 7, 1650–1659.
- Grontvedt, R. N., A. B. Kristoffersen, and P. A. Jansen (2018). Reduced exposure of farmed salmon to salmon louse (*lepeophtheirus salmonis* l.) infestation by use of plankton nets: Estimating the shielding effect. *AQUACULTURE* 495, 865–872.
- Grunst, A. S. and M. L. Grunst (2015). Context-dependent relationships between multiple sexual pigments and paternal effort. *BEHAVIORAL ECOLOGY* 26, 1170–1179.
- Grunst, M. L., A. S. Grunst, V. A. Formica, R. A. Gonser, and E. M. Tuttle (2018). Multiple signaling functions of song in a polymorphic species with alternative reproductive strategies. *ECOLOGY and EVOLUTION* 8, 1369–1383.
- Gruss, A., C. Biggs, W. D. Heyman, and B. Erisman (2018). Prioritizing monitoring and conservation efforts for fish spawning aggregations in the us gulf of mexico. *SCIENTIFIC REPORTS* 8, –.
- Gruss, A., M. D. Drexler, C. H. Ainsworth, E. A. Babcock, J. H. Tarnecki, and M. S. Love (2018). Producing distribution maps for a spatially-explicit ecosystem mode using large monitoring and environmental databases and a combination of interpolation and extrapolation. *FRONTIERS in MARINE SCIENCE* 5, –.
- Gruss, A., H. A. Perryman, E. A. Babcock, S. R. Sagarese, J. T. Thorson, C. H. Ainsworth, E. J. Anderson, K. Brennan, M. D. Campbell, M. C. Christman, S. Cross, M. D. Drexler, J. M. Drymon, C. L. Gardner, D. S.

- Hanisko, J. Hendon, C. C. Koenig, M. Love, F. Martinez-Andrade, J. Morris, B. T. Noble, M. A. Nuttall, J. Osborne, C. Pattengill-Semmens, A. G. Pollack, T. T. Sutton, and T. S. Switzer (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. *REVIEWS in FISH BIOLOGY and FISHERIES* 28, 667–691.
- Gruss, A., J. T. Thorson, E. A. Babcock, and J. H. Tarnecki (2018). Producing distribution maps for informing ecosystem-based fisheries management using a comprehensive survey database and spatio-temporal models. *ICES JOURNAL of MARINE SCIENCE* 75, 158–177.
- Gudiel, A. A., S. C. Nieves, K. E. Reuter, and B. J. Sewall (2016). The effect of anthropogenic disturbance on non-native plant species in madagascar. *JOURNAL of TROPICAL ECOLOGY* 32, 543–554.
- Habig, B., P. I. Chiyo, and D. C. Lahti (2017). Male risk-taking is related to number of mates in a polygynous bird. *BEHAVIORAL ECOLOGY* 28, 541–548.
- Hablutzel, P. I., A. F. Gregoir, M. P. M. Vanhove, F. A. M. Volckaert, and J. A. M. Raeymaekers (2016). Weak link between dispersal and parasite community differentiation or immunogenetic divergence in two sympatric cichlid fishes. *MOLECULAR ECOLOGY* 25, 5451–5466.
- Haemaelaeninen, A., B. Raharivololona, P. Ravoniarimbina, and C. Kraus (2015). Host sex and age influence endoparasite burdens in the gray mouse lemur. *FRONTIERS in ZOOLOGY* 12, –.
- Hagen, I. J., A. J. Jensen, G. H. Bolstad, O. H. Diserud, K. Hindar, H. Lo, and S. Karlsson (2019). Supplementary stocking selects for domesticated genotypes. *NATURE COMMUNICATIONS* 10, –.
- Hall, L. E. and A. D. Chalfoun (2018). What to eat in a warming world: do increased temperatures necessitate hazardous duty pay? *OECOLOGIA* 186, 73–84.
- Hallikainen, V., H. Hokka, M. Hyppönen, P. Rautio, and S. Valkonen (2019). Natural regeneration after gap cutting in scots pine stands in northern finland. *SCANDINAVIAN JOURNAL of FOREST RESEARCH* 34, 115–125.

- Halstead, N. T., C. M. Hoover, A. Arakala, D. J. Civitello, G. A. De Leo, M. Gambhir, S. A. Johnson, N. Jouanard, K. A. Loerns, T. A. McMahon, R. A. Ndione, K. Nguyen, T. R. Raffel, J. V. Remais, G. Riveau, S. H. Sokolow, and J. R. Rohr (2018). Agrochemicals increase risk of human schistosomiasis by supporting higher densities of intermediate hosts. *NATURE COMMUNICATIONS* 9, –.
- Hammers, M., G. J. D. M. Muskens, R. J. M. van Kats, W. A. Teunissen, and D. Kleijn (2015). Ecological contrasts drive responses of wintering farmland birds to conservation management. *ECOGRAPHY* 38, 813–821.
- Hammers, M., G. J. D. M. Muskens, R. J. M. van Kats, W. A. Teunissen, and D. Kleijn (2016). Concentrating or scattering management in agricultural landscapes: Examining the effectiveness and efficiency of conservation measures. *AGRICULTURE ECOSYSTEMS AND ENVIRONMENT* 235, 51–60.
- Hanselman, D. H., J. Heifetz, K. B. Echave, and S. C. Dressel (2015). Move it or lose it: movement and mortality of sablefish tagged in alaska. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 72, 238–251.
- Hardesty-Moore, M., S. Deinet, R. Freeman, G. C. Titcomb, E. M. Dillon, K. Stears, M. Klope, A. Bui, D. Orr, H. S. Young, A. Miller-ter Kuile, L. F. Hughey, and D. J. McCauley (2018). Migration in the anthropocene: how collective navigation, environmental system and taxonomy shape the vulnerability of migratory species. *PHILOSOPHICAL TRANSACTIONS of the ROYAL SOCIETY B-BIOLOGICAL SCIENCES* 373, –.
- Hare, J. A., E. N. Brooks, M. C. Palmer, and J. H. Churchill (2015). Re-evaluating the effect of wind on recruitment in gulf of maine atlantic cod (*gadus morhua*) using an environmentally-explicit stock recruitment model. *FISHERIES OCEANOGRAPHY* 24, 90–105.
- Harford, W. J. and E. A. Babcock (2016). Aligning monitoring design with fishery decision-making: examples of management strategy evaluation for reef-associated fisheries. *AQUATIC LIVING RESOURCES* 29, –.
- Harford, W. J., C. Ton, and E. A. Babcock (2015). Simulated mark-recovery for spatial assessment of a spiny lobster (*panulirus argus*) fishery. *FISHERIES RESEARCH* 165, 42–53.

- Harland, H., C. D. MacLeod, and R. Poulin (2015). Non-linear effects of ocean acidification on the transmission of a marine intertidal parasite. *MARINE ECOLOGY PROGRESS SERIES* 536, 55–64.
- Harris, R. L., M. Boulet, K. E. Grogan, and C. M. Drea (2018). Costs of injury for scent signalling in a strepsirrhine primate. *SCIENTIFIC REPORTS* 8, –.
- Harrison, A. L., N. Petkov, D. Mitev, G. Popgeorgiev, B. Gove, and G. M. Hilton (2018). Scale-dependent habitat selection by wintering geese: implications for landscape management. *BIODIVERSITY and CONSERVATION* 27, 167–188.
- Harrison, X. A. (2015). A comparison of observation-level random effect and beta-binomial models for modelling overdispersion in binomial data in ecology. *PEERJ* 3, –.
- Harrup, L. E., S. Laban, B. V. Purse, Y. K. Reddy, Y. N. Reddy, S. M. Byregowda, N. Kumar, K. M. Purushotham, S. Kowalli, M. Prasad, G. Prasad, A. A. Bettis, R. De Keyser, J. Logan, C. Garros, D. Gopurenko, G. Bellis, K. Labuschagne, B. Mathieu, and S. Carpenter (2016). Dna barcoding and surveillance sampling strategies for culicoides biting midges (diptera: Ceratopogonidae) in southern india. *PARASITES AND VECTORS* 9, –.
- Hawkes, F., B. O. Manin, S. H. Ng, S. J. Torr, C. Drakeley, T. H. Chua, and H. M. Ferguson (2017). Evaluation of electric nets as means to sample mosquito vectors host-seeking on humans and primates. *PARASITES AND VECTORS* 10, –.
- He, J. X., J. R. Bence, C. P. Madenjian, S. A. Pothoven, N. E. Dobiesz, D. G. Fielder, J. E. Johnson, M. P. Ebener, R. A. Cottrill, L. C. Mohr, and S. R. Koproski (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. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 72, 7–23.
- He, J. X., J. R. Bence, E. F. Roseman, D. G. Fielder, and M. P. Ebener (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. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 73, 1092–1103.
- Hellmann, J. K. and I. M. Hamilton (2019). Intragroup social dynamics vary with the presence of neighbors in a cooperatively breeding fish. *CURRENT ZOOLOGY* 65, 21–31.
- Hennequin, A., A. Rochet-Capellan, S. Gerber, and M. Dohen (2018). Does the visual channel improve the perception of consonants produced by speakers of french with down syndrome? *JOURNAL of SPEECH LANGUAGE and HEARING RESEARCH* 61, 957–972.
- Henning, K., G. von Oheimb, W. Haerdtle, A. Fichtner, and S. Tischew (2017). The reproductive potential and importance of key management aspects for successful *Calluna vulgaris* rejuvenation on abandoned continental heaths. *ECOLOGY and EVOLUTION* 7, 2091–2100.
- Henriquez, V., R. Licandeo, L. A. Cubillos, and S. P. Cox (2016). Interactions between ageing error and selectivity in statistical catch-at-age models: simulations and implications for assessment of the chilean patagonian toothfish fishery. *ICES JOURNAL of MARINE SCIENCE* 73, 1074–1090.
- Hernandez, E., E. J. Questad, I. Meyer, Wallace M., and K. N. Suding (2019). The effects of nitrogen deposition and invasion on litter fuel quality and decomposition in a *Stipa pulchra* grassland. *JOURNAL of ARID ENVIRONMENTS* 162, 35–44.
- Hertel, A. G., S. M. J. G. Steyaert, A. Zedrosser, A. Myrnerud, H. K. Lodberg-Holm, H. W. Gelink, J. Kindberg, and J. E. Swenson (2016). Bears and berries: species-specific selective foraging on a patchily distributed food resource in a human-altered landscape. *BEHAVIORAL ECOLOGY and SOCIOBIOLOGY* 70, 831–842.
- Hesp, S., N. Caputi, J. Penn, M. Kangas, E. Sporer, B. Hogan, and J. Clement (2017). Improving fleet efficiency to maximise economic yield in a western australian prawn fishery. *MARINE POLICY* 86, 82–93.
- Hilborn, R., R. O. Amoroso, E. Bogazzi, O. P. Jensen, A. M. Parma, C. Szuwalski, and C. J. Walters (2017). When does fishing forage species affect their predators? *FISHERIES RESEARCH* 191, 211–221.

- Hill, E., S. Ex, C. Aldridge, and C. Prolic (2019). Overstory density, short growing seasons, and moisture limit engelmann spruce establishment over time in high-elevation managed stands. *CANADIAN JOURNAL of FOREST RESEARCH* 49, 64–75.
- Hillary, R. M. and J. P. Eveson (2015). Length-based brownie mark-recapture models: Derivation and application to indian ocean skipjack tuna. *FISHERIES RESEARCH* 163, 141–151.
- Hing, M. L., O. S. Klanten, M. Dowton, K. R. Brown, and M. Y. L. Wong (2018). Repeated cyclone events reveal potential causes of sociality in coral-dwelling gobioid fishes. *PLOS ONE* 13, –.
- Hochmuth, J. D., L. De Meester, C. M. S. Pereira, C. R. Janssen, and K. A. C. De Schampheleere (2015). Rapid adaptation of a daphnia magna population to metal stress is associated with heterozygote excess. *ENVIRONMENTAL SCIENCE AND TECHNOLOGY* 49, 9298–9307.
- Hocking, D. J., J. T. Thorson, K. O’Neil, and B. H. Letcher (2018). A geostatistical state-space model of animal densities for stream networks. *ECOLOGICAL APPLICATIONS* 28, 1782–1796.
- Hoffmann, G. C. S., M. O. Freitas, R. L. Moura, M. Previero, and V. Abilhoa (2017). Reproductive biology of haemulon plumierii in the south-western atlantic ocean’s most extensive reefs: implications for fisheries management. *JOURNAL of FISH BIOLOGY* 90, 2111–2124.
- Hofmeester, T. R., H. Sprong, P. A. Jansen, H. H. T. Prins, and S. E. van Wieren (2017). Deer presence rather than abundance determines the population density of the sheep tick, ixodes ricinus, in dutch forests. *PARASITES AND VECTORS* 10, –.
- Holmes, J. S., A. P. Mendizabal, D. S. De la Fuente, K. Mets, A. Cardenas, D. Armenteras, and L. M. Davalos (2018). Identifying municipal risk factors for leftist guerrilla violence in colombia. *PEACE ECONOMICS PEACE SCIENCE and PUBLIC POLICY* 24, –.
- Holsman, K. K., J. Ianelli, K. Aydin, A. E. Punt, and E. A. Mofitt (2016). A comparison of fisheries biological reference points estimated from temperature-specific multi-species and single-species climate-

- enhanced stock assessment models. *DEEP-SEA RESEARCH PART II-TOPICAL STUDIES in OCEANOGRAPHY* 134, 360–378.
- Honeycutt, R. K., W. H. Lowe, and B. R. Hossack (2016). Movement and survival of an amphibian in relation to sediment and culvert design. *JOURNAL of WILDLIFE MANAGEMENT* 80, 761–770.
- Hordyk, A., K. Ono, S. Valencia, N. Loneragan, and J. Prince (2015). A novel length-based empirical estimation method of spawning potential ratio (spr), and tests of its performance, for small-scale, data-poor fisheries. *ICES JOURNAL of MARINE SCIENCE* 72, 217–231.
- Horova, S. and L. Judas (2018). Monte carlo modelling of clinical accelerator beams and estimation of primary electron beam parameters. *RADIOPROTECTION* 53, 61–66.
- Houde, E. D., E. R. Annis, J. Harding, Lawrence W., M. E. Mallonee, and M. J. Wilberg (2016). Factors affecting the abundance of age-0 atlantic menhaden (*brevortia tyrannus*) in chesapeake bay. *ICES JOURNAL of MARINE SCIENCE* 73, 2238–2251.
- Houle, D., G. H. Bolstad, K. van der Linde, and T. F. Hansen (2017). Mutation predicts 40 million years of fly wing evolution. *NATURE* 548, 447–+.
- Hovel, R. A., J. T. Thorson, J. L. Carter, and T. P. Quinn (2017). Within-lake habitat heterogeneity mediates community response to warming trends. *ECOLOGY* 98, 2333–2342.
- Howard, I., E. Davis, G. Lippert, T. P. Quinn, and C. L. Wood (2019). Abundance of an economically important nematode parasite increased in puget sound between 1930 and 2016: Evidence from museum specimens confirms historical data. *JOURNAL of APPLIED ECOLOGY* 56, 190–200.
- Huang, L., L. Tang, B. Zhang, Z. Zhang, and H. Zhang (2016). Comparison of different computational implementations on fitting generalized linear mixed-effects models for repeated count measures. *JOURNAL of STATISTICAL COMPUTATION and SIMULATION* 86, 2392–2404.

- Hughey, M. C., J. Delia, and L. K. Belden (2017). Diversity and stability of egg-bacterial assemblages: The role of paternal care in the glassfrog *hyalinobatrachium colymbiophyllum*. *BIOTROPICA* 49, 792–802.
- Hughey, M. C., J. A. Pena, R. Reyes, D. Medina, L. K. Belden, and P. A. Burrowes (2017). Skin bacterial microbiome of a generalist puerto rican frog varies along elevation and land use gradients. *PEERJ* 5, –.
- Hulson, P.-J. F. and D. H. Hanselman (2014). Tradeoffs between bias, robustness, and common sense when choosing selectivity forms. *FISHERIES RESEARCH* 158, 63–73.
- Hulson, P.-J. F., D. H. Hanselman, and S. K. Shotwell (2017). Investigations into the distribution of sample sizes for determining age composition of multiple species. *FISHERY BULLETIN* 115, 326–342.
- Hurskainen, S., A. Jakalaniemi, V. Kaitala, T. Kull, M. Motlep, S. Ramula, and J. Tuomi (2017). Temporal cycles and spatial asynchrony in the reproduction and growth of a rare nectarless orchid, *cypripedium calceolus*. *BOTANICAL JOURNAL of the LINNEAN SOCIETY* 183, 316–326.
- Hurskainen, S., A. Jakalaniemi, S. Ramula, and J. Tuomi (2017). Tree removal as a management strategy for the lady’s slipper orchid, a flagship species for herb-rich forest conservation. *FOREST ECOLOGY and MANAGEMENT* 406, 12–18.
- Hurtado-Ferro, F., C. S. Szuwalski, J. L. Valero, S. C. Anderson, C. J. Cunningham, K. F. Johnson, R. Licandeo, C. R. McGilliard, C. C. Monnahan, M. L. Muradian, K. Ono, K. A. Vert-Pre, A. R. Whitten, and A. E. Punt (2015). Looking in the rear-view mirror: bias and retrospective patterns in integrated, age-structured stock assessment models. *ICES JOURNAL of MARINE SCIENCE* 72, 99–110.
- Hutton, T., E. I. van Putten, S. D. Pascoe, R. A. Deng, E. E. Plaganyi, and D. Dennis (2016). Trade-offs in transitions between indigenous and commercial fishing sectors: the torres strait tropical rock lobster fishery. *FISHERIES MANAGEMENT and ECOLOGY* 23, 463–477.
- Huynh, Q. C., T. Gedamke, C. E. Porch, J. M. Hoenig, J. F. Walter, M. Bryan, and J. Brodziak (2017). Estimating total mortality rates from

- mean lengths and catch rates in nonequilibrium situations. *TRANSACTIONS of the AMERICAN FISHERIES SOCIETY* 146, 803–815.
- Hyun, S. Y. (2018). A general production model with dependence between data from multiple surveys. *JOURNAL of APPLIED ICHTHYOLOGY* 34, 601–609.
- Ianelli, J., K. K. Holsman, A. E. Punt, and K. Aydin (2016). Multi-model inference for incorporating trophic and climate uncertainty into stock assessments. *DEEP-SEA RESEARCH PART II-TOPICAL STUDIES in OCEANOGRAPHY* 134, 379–389.
- Ianelli, J. N. and D. L. Stram (2015). Estimating impacts of the pollock fishery bycatch on western alaska chinook salmon. *ICES JOURNAL of MARINE SCIENCE* 72, 1159–1172.
- Ichinokawa, M., H. Okamura, C. Watanabe, A. Kawabata, and Y. Oozeki (2015). Effective time closures: quantifying the conservation benefits of input control for the pacific chub mackerel fishery. *ECOLOGICAL APPLICATIONS* 25, 1566–1584.
- 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. *CANADIAN JOURNAL of ZOOLOGY* 95, 547–554.
- Immonen, E., M. Collet, J. Goenaga, and G. Arnqvist (2016). Direct and indirect genetic effects of sex-specific mitonuclear epistasis on reproductive ageing. *HEREDITY* 116, 329–338.
- Inclan, D. J., P. Cerretti, D. Gabriel, T. G. Benton, S. M. Sait, W. E. Kunin, M. A. K. Gillespie, and L. Marini (2015). Organic farming enhances parasitoid diversity at the local and landscape scales. *JOURNAL of APPLIED ECOLOGY* 52, 1102–1109.
- Inclan, D. J., M. Dainese, P. Cerretti, D. Paniccchia, and L. Marini (2016). Spillover of tachinids and hoverflies from different field margins. *BASIC and APPLIED ECOLOGY* 17, 33–42.
- Indermaur, A., A. Theis, B. Egger, and W. Salzburger (2018). Mouth dimorphism in scale-eating cichlid fish from lake tanganyika advances individual fitness. *EVOLUTION* 72, 1962–1969.

- Isaia, M., M. Paschetta, M. Gobbi, M. Zapparoli, A. Chiarle, and A. V. Taglianti (2015). Stand maturity affects positively ground-dwelling arthropods in a protected beech forest. *ANNALS of FOREST SCIENCE* 72, 415–424.
- Jagger, P. and C. Perez-Heydrich (2016). Land use and household energy dynamics in malawi. *ENVIRONMENTAL RESEARCH LETTERS* 11, –.
- Jane, S. F., T. M. Wilcox, K. S. McKelvey, M. K. Young, M. K. Schwartz, W. H. Lowe, B. H. Letcher, and A. R. Whiteley (2015). Distance, flow and pcr inhibition: edna dynamics in two headwater streams. *MOLECULAR ECOLOGY RESOURCES* 15, 216–227.
- Jansen, T., K. Kristensen, T. P. Fairweather, P. Kainge, J. N. Kathena, M. D. Durholtz, J. E. Beyer, and U. H. Thygesen (2017). Geostatistical modelling of the spatial life history of post-larval deepwater hake merluccius paradoxus in the benguela current large marine ecosystem. *AFRICAN JOURNAL of MARINE SCIENCE* 39, 349–361.
- Jansen, T., K. Kristensen, P. Kainge, D. Durholtz, T. Stromme, U. H. Thygesen, M. R. Wilhelm, J. Kathena, T. P. Fairweather, S. Paulus, H. Degel, M. R. Lipinski, and J. E. Beyer (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. *FISHERIES RESEARCH* 179, 156–167.
- Jaramillo, M., M. Donaghy-Cannon, F. H. Vargas, and P. G. Parker (2016). The diet of the galapagos hawk (buteo galapagoensis) before and after goat eradication. *JOURNAL of RAPTOR RESEARCH* 50, 33–44.
- Jardim, E., C. P. Millar, I. Mosqueira, F. Scott, G. C. Osio, M. Ferretti, N. Alzorriz, and A. Orio (2015). What if stock assessment is as simple as a linear model? the a4a initiative. *ICES JOURNAL of MARINE SCIENCE* 72, 232–236.
- Jeliazkov, A., Y. Bas, C. Kerbiriou, J.-F. Julien, C. Penone, and I. Le Viol (2016). Large-scale semi-automated acoustic monitoring allows to detect temporal decline of bush-crickets. *GLOBAL ECOLOGY and CONSERVATION* 6, 208–218.

- Jenkins, D. G. (2015). Estimating ecological production from biomass. *ECOSPHERE* 6, –.
- Jenkins, L. H., B. D. Murray, M. A. Jenkins, and C. R. Webster (2015). Woody regeneration response to over a decade of deer population reductions in indian state parks. *JOURNAL of the TORREY BOTANICAL SOCIETY* 142, 205–219.
- Jesus Gil-Lopez, M., J. Gabriel Segarra-Moragues, and F. Ojeda (2018). Floristic distinctiveness and endemic richness of woody plants highlight the biodiversity value of the herriza among all mediterranean heathlands. *PLANT ECOLOGY AND DIVERSITY* 11, 111–119.
- Johansson, T., H. Gibb, J. Hjalten, and M. Dynesius (2017). Soil humidity, potential solar radiation and altitude affect boreal beetle assemblages in dead wood. *BIOLOGICAL CONSERVATION* 209, 107–118.
- Johnson, B. D., J. P. Gibbs, J. Bell, Thomas A., and K. T. Shoemaker (2016). Manipulation of basking sites for endangered eastern massasauga rattlesnakes. *JOURNAL of WILDLIFE MANAGEMENT* 80, 803–811.
- Johnson, K. F., E. Councill, J. T. Thorson, E. Brooks, R. D. Methot, and A. E. Punt (2016a). Can autocorrelated recruitment be estimated using integrated assessment models and how does it affect population forecasts? *FISHERIES RESEARCH* 183, 222–232.
- Johnson, K. F., E. Councill, J. T. Thorson, E. Brooks, R. D. Methot, and A. E. Punt (2016b). Can autocorrelated recruitment be estimated using integrated assessment models and how does it affect population forecasts? *FISHERIES RESEARCH* 183, 222–232.
- Johnson, N. S., T. O. Brenden, W. D. Swink, and M. A. Lipps (2016). Survival and metamorphosis of larval sea lamprey (*petromyzon marinus*) residing in lakes michigan and huron near river mouths. *JOURNAL of GREAT LAKES RESEARCH* 42, 1461–1469.
- Johnson, N. S., W. D. Swink, T. O. Brenden, J. W. Slade, T. B. Steeves, M. F. Fodale, and M. L. Jones (2014). Survival and metamorphosis of low-density populations of larval sea lampreys (*petromyzon marinus*) in streams following lampricide treatment. *JOURNAL of GREAT LAKES RESEARCH* 40, 155–163.

- Joiris, C. R., K. Boos, D. D'Hert, and D. A. Nachtsheim (2016). Low density of top predators (seabirds and marine mammals) in the high arctic pack ice. *SCIENTIFICA*, –.
- Jones, M. L., T. O. Brenden, and B. J. Irwin (2015). Re-examination of sea lamprey control policies for the st. marys river: completion of an adaptive management cycle. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 72, 1538–1551.
- Jonsen, I. (2016). Joint estimation over multiple individuals improves behavioural state inference from animal movement data. *SCIENTIFIC REPORTS* 6, –.
- Jonsen, I. D., C. R. McMahon, T. A. Patterson, M. Auger-Methe, R. Harcourt, M. A. Hindell, and S. Bestley (2019). Movement responses to environment: fast inference of variation among southern elephant seals with a mixed effects model. *ECOLOGY* 100, –.
- Jonsson, A. M., J. Ekroos, J. Danhardt, G. K. S. Andersson, O. Olsson, and H. G. Smith (2015). Sown flower strips in southern sweden increase abundances of wild bees and hoverflies in the wider landscape. *BIOLOGICAL CONSERVATION* 184, 51–58.
- Jorgensen, T., S. Lokkeborg, D. Furevik, O.-B. Humborstad, and F. De Carlo (2017). Floated cod pots with one entrance reduce probability of escape and increase catch rates compared with pots with two entrances. *FISHERIES RESEARCH* 187, 41–46.
- Jungblut, S., D. A. Nachtsheim, K. Boos, and C. R. Joiris (2017). Biogeography of top predators - seabirds and cetaceans - along four latitudinal transects in the atlantic ocean. *DEEP-SEA RESEARCH PART II-TOPICAL STUDIES in OCEANOGRAPHY* 141, 59–73.
- Kach, H., H. Mathe-Hubert, A. B. Dennis, and C. Vorburger (2018). Rapid evolution of symbiont-mediated resistance compromises biological control of aphids by parasitoids. *EVOLUTIONARY APPLICATIONS* 11, 220–230.
- Kai, M., J. T. Thorson, K. R. Piner, and M. N. Maunder (2017a). Predicting the spatio-temporal distributions of pelagic sharks in the western and central north pacific. *FISHERIES OCEANOGRAPHY* 26, 569–582.

- Kai, M., J. T. Thorson, K. R. Piner, and M. N. Maunder (2017b). Spatiotemporal variation in size-structured populations using fishery data: an application to shortfin mako (*isurus oxyrinchus*) in the pacific ocean. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 74, 1765–1780.
- Kai, M., J. T. Thorson, K. R. Piner, and M. N. Maunder (2017c). Spatiotemporal variation in size-structured populations using fishery data: an application to shortfin mako (*isurus oxyrinchus*) in the pacific ocean. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 74, 1765–1780.
- Kalberer, S., K. Meise, F. Trillmich, and O. Krueger (2018). Reproductive performance of a tropical apex predator in an unpredictable habitat. *BEHAVIORAL ECOLOGY and SOCIOBIOLOGY* 72, –.
- Kallioniemi, E., J. Astrom, G. M. Rusch, S. Dahle, S. Astrom, and J. O. Gjershaug (2017). Local resources, linear elements and mass-flowering crops determine bumblebee occurrences in moderately intensified farmlands. *AGRICULTURE ECOSYSTEMS AND ENVIRONMENT* 239, 90–100.
- Kammerer, M. A., D. J. Biddinger, N. K. Joshi, E. G. Rajotte, and D. A. Mortensen (2016). Modeling local spatial patterns of wild bee diversity in pennsylvania apple orchards. *LANDSCAPE ECOLOGY* 31, 2459–2469.
- Karban, R., P. Grof-Tisza, and J. D. Blande (2016). Chemotypic variation in volatiles and herbivory for sagebrush. *JOURNAL of CHEMICAL ECOLOGY* 42, 829–840.
- Karban, R., P. Grof-Tisza, and M. Holyoak (2017). Wet years have more caterpillars: interacting roles of plant litter and predation by ants. *ECOLOGY* 98, 2370–2378.
- Kathena, J. N., A. Kokkalis, M. W. Pedersen, J. E. Beyer, and U. H. Thygesen (2018). Data-moderate assessments of cape monkfish *lophius vomerinus* and west coast sole *austroglossus microlepis* in namibian waters. *AFRICAN JOURNAL of MARINE SCIENCE* 40, 293–302.
- Kathena, J. N., A. Nielsen, U. H. Thygesen, and C. W. Berg (2016). Hake species (*merluccius capensis* and *m. paradoxus*) assessment in the

- benguela current large marine ecosystem. *ENVIRONMENTAL DEVELOPMENT* 17, 193–201.
- Kegler, P., H. F. Kegler, A. Gaerdes, S. C. A. Ferse, M. Lukman, Y. R. Alfiansah, C. Hassenrueck, and A. Kunzmann (2017). Bacterial biofilm communities and coral larvae settlement at different levels of anthropogenic impact in the spermonde archipelago, indonesia. *FRONTIERS in MARINE SCIENCE* 4, –.
- Keijser, B. J. F., T. J. van den Broek, D. E. Slot, L. van Twillert, J. Kool, C. Thabuis, M. Ossendrijver, F. A. van der Weijden, and R. C. Montijn (2018). The impact of maltitol-sweetened chewing gum on the dental plaque biofilm microbiota composition. *FRONTIERS in MICROBIOLOGY* 9, –.
- Kelly, R., C. Harrod, C. A. Maggs, and N. Reid (2015). Effects of elodea nuttallii on temperate freshwater plants, microalgae and invertebrates: small differences between invaded and uninvaded areas. *BIOLOGICAL INVASIONS* 17, 2123–2138.
- Kelly, R., W. I. Montgomery, and N. Reid (2018). Differences in soil chemistry remain following wildfires on temperate heath and blanket bog sites of conservation concern. *GEODERMA* 315, 20–26.
- Kennedy, R. E., P. Sawyer, C. P. Williams, A. X. Lo, C. S. Ritchie, D. L. Roth, R. M. Allman, and C. J. Brown (2017). Life-space mobility change predicts 6-month mortality. *JOURNAL of the AMERICAN GERIATRICS SOCIETY* 65, 833–838.
- Kern, J. M., P. R. Laker, and A. N. Radford (2017). Contextual variation in the alarm call responses of dwarf mongooses, helogale parvula. *ANIMAL BEHAVIOUR* 127, 43–51.
- Ketzler, L. P., C. E. Comer, and D. J. Twedt (2018). Bat community response to silvicultural treatments in bottomland hardwood forests managed for wildlife in the mississippi alluvial valley. *FOREST ECOLOGY and MANAGEMENT* 417, 40–48.
- Kiebach, T., C. Scheidegger, and A. Bergamini (2017). Solitary trees increase the diversity of vascular plants and bryophytes in pastures. *AGRICULTURE ECOSYSTEMS AND ENVIRONMENT* 239, 293–303.

- Kim, K. and S.-Y. Hyun (2018). A length-based analysis of recruitment variability in the korean pollock population under data-limited conditions. *OCEAN SCIENCE JOURNAL* 53, 535–555.
- Kinzey, D., G. M. Watters, and C. S. Reiss (2015). Selectivity and two biomass measures in an age-based assessment of antarctic krill (*euphausia superba*). *FISHERIES RESEARCH* 168, 72–84.
- Kinzey, D., G. M. Watters, and C. S. Reiss (2018). Parameter estimation using randomized phases in an integrated assessment model for antarctic krill. *PLOS ONE* 13, –.
- Klanderud, K., E. Meineri, J. Topper, P. Michel, and V. Vandvik (2017). Biotic interaction effects on seedling recruitment along bioclimatic gradients: testing the stress-gradient hypothesis. *JOURNAL of VEGETATION SCIENCE* 28, 347–356.
- Kleppe, T. S. (2018). Modified cholesky riemann manifold hamiltonian monte carlo: exploiting sparsity for fast sampling of high-dimensional targets. *STATISTICS and COMPUTING* 28, 795–817.
- Kleyheeg, E., M. Klaassen, and M. B. Soons (2016). Seed dispersal potential by wild mallard duck as estimated from digestive tract analysis. *FRESH-WATER BIOLOGY* 61, 1746–1758.
- Kneebone, J., M. Winton, A. Danylchuk, J. Chisholm, and G. B. Skomal (2018). An assessment of juvenile sand tiger (*carcharias taurus*) activity patterns in a seasonal nursery using accelerometer transmitters. *ENVIRONMENTAL BIOLOGY of FISHES* 101, 1739–1756.
- Knegt, B., J. Jansa, O. Franken, D. J. P. Engelmoer, G. D. A. Werner, H. Buecking, and E. T. Kiers (2016). Host plant quality mediates competition between arbuscular mycorrhizal fungi. *FUNGAL ECOLOGY* 20, 233–240.
- Koenig, A. M. and B. H. Ousterhout (2018). Behavioral syndrome persists over metamorphosis in a pond-breeding amphibian. *BEHAVIORAL ECOLOGY and SOCIOBIOLOGY* 72, –.
- Konrad, C., J. Brattey, and N. G. Cadigan (2016). Modelling temporal and spatial variability in tag reporting-rates for newfoundland cod (*gadus*

- morhua). *ENVIRONMENTAL and ECOLOGICAL STATISTICS* 23, 387–403.
- Kotwicki, S., J. K. Horne, A. E. Punt, and J. N. Ianelli (2015). Factors affecting the availability of walleye pollock to acoustic and bottom trawl survey gear. *ICES JOURNAL of MARINE SCIENCE* 72, 1425–1439.
- Koziol-McLain, J., C. McLean, M. Rohan, R. Sisk, T. Dobbs, S. Nada-Raja, D. Wilson, and A. C. Vandal (2016). Participant recruitment and engagement in automated ehealth trial registration: Challenges and opportunities for recruiting women who experience violence. *JOURNAL of MEDICAL INTERNET RESEARCH* 18, –.
- Krapu, C. and M. Borsuk (2019). Probabilistic programming: A review for environmental modellers. *ENVIRONMENTAL MODELLING AND SOFTWARE* 114, 40–48.
- Krieg, C. A. and T. Getty (2016). Not just for males: females use song against male and female rivals in a temperate zone songbird. *ANIMAL BEHAVIOUR* 113, 39–47.
- Krishnadas, M. and L. S. Comita (2018). Influence of soil pathogens on early regeneration success of tropical trees varies between forest edge and interior. *OECOLOGIA* 186, 259–268.
- Kristensen, K., A. Nielsen, C. Berg, H. Skaug, , and B. Bell (2016). Tmb: Automatic differentiation and laplace approximation. *J. Stat. Softw.* 70, 1–21.
- Kristensen, K., A. Nielsen, C. W. Berg, H. Skaug, and B. M. Bell (2016). Tmb: Automatic differentiation and laplace approximation. *JOURNAL of STATISTICAL SOFTWARE* 70, 1–21.
- Kuczynski, L., B. G. Rector, A. Kiedrowicz, M. Lewandowski, W. Szydlo, and A. Skoracka (2016). Thermal niches of two invasive genotypes of the wheat curl mite *aceria tosichella*: Congruence between physiological and geographical distribution data. *PLOS ONE* 11, –.
- Kulfan, J., K. Dvorackova, P. Zach, M. Parak, and M. Svitok (2016). Distribution of lepidopteran larvae on norway spruce: Effects of slope and crown aspect. *ENVIRONMENTAL ENTOMOLOGY* 45, 436–445.

- Kumar, R., N. G. Cadigan, and M. J. Morgan (2019). Recruitment synchrony in spatially structured newfoundland and labrador populations of american plaice (*hippoglossoides platessoides*). *FISHERIES RESEARCH* 211, 91–99.
- Kurali, A., K. Pasztor, A. Hettyey, and Z. Toth (2018). Resource-dependent temporal changes in antipredator behavior of common toad (*bufo bufo*) tadpoles. *BEHAVIORAL ECOLOGY and SOCIOBIOLOGY* 72, –.
- Kurihara, Y. and G. Hanya (2018). Within-population variations in home range use and food patch use of japanese macaques: A perspective of intergroup hostility. *FOLIA PRIMATOLOGICA* 89, 397–414.
- Kuriyama, P. T., K. Ono, F. Hurtado-Ferro, A. C. Hicks, I. G. Taylor, R. R. Licandeo, K. F. Johnson, S. C. Anderson, C. C. Monnahan, M. B. Rudd, C. C. Stawitz, and J. L. Valero (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. *FISHERIES RESEARCH* 180, 119–127.
- Kurota, H., M. K. McAllister, E. A. Parkinson, and N. T. Johnston (2016). Evaluating the influence of predator-prey interactions on stock assessment and management reference points for a large lake ecosystem. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 73, 1372–1388.
- Lacoeuilhe, A., N. Machon, J.-F. Julien, and C. Kerbiriou (2018). The relative effects of local and landscape characteristics of hedgerows on bats. *DIVERSITY-BASEL* 10, –.
- Lagadic, L., R. B. Schaefer, M. Roucaute, E. Szoecs, S. Chouin, J. de Maupeou, C. Duchet, E. Franquet, B. Le Hunsec, C. Bertrand, S. Fayolle, B. Frances, Y. Rozier, R. Foussadier, J.-B. Santoni, and C. Lagneau (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. *SCIENCE of the TOTAL ENVIRONMENT* 553, 486–494.
- Lambert, S., E. Gilot-Fromont, P. Freycon, A. Thebault, Y. Game, C. Toigo, E. Petit, M.-N. Barthe, G. Reynaud, M. Jay, B. Garin-Bastuji, C. Ponsart, J. Hars, and S. Rossi (2018). High shedding potential and significant

- individual heterogeneity in naturally-infected alpine ibex (*capra ibex*) with *brucella melitensis*. *FRONTIERS in MICROBIOLOGY* 9, –.
- Lamerre, J., K.-U. Schwarz, M. Langhof, G. von Wuehlisch, and J.-M. Greef (2015). Productivity of poplar short rotation coppice in an alley-cropping agroforestry system. *AGROFORESTRY SYSTEMS* 89, 933–942.
- Lamprecht, A., P. R. Semenchuk, K. Steinbauer, M. Winkler, and H. Pauli (2018). Climate change leads to accelerated transformation of high-elevation vegetation in the central alps. *NEW PHYTOLOGIST* 220, 447–459.
- Lange, R. and D. J. Marshall (2016). Propagule size and dispersal costs mediate establishment success of an invasive species. *ECOLOGY* 97, 569–575.
- Langrock, R., T. Adam, V. Leos-Barajas, S. Mews, D. L. Miller, and Y. P. Papastamatiou (2018). Spline-based nonparametric inference in general state-switching models. *STATISTICA NEERLANDICA* 72, 179–200.
- Laszlo, Z., L. Rakosy, and B. Tothmeresz (2014). Landscape and local variables benefit rare species and common ones differently. *JOURNAL of INSECT CONSERVATION* 18, 1203–1213.
- Laszlo, Z., L. Rakosy, and B. Tothmeresz (2018). The simpler the better: When decreasing landscape complexity increases community stability. *ECOLOGICAL INDICATORS* 84, 828–836.
- Lauretta, M. V. and D. R. Goethel (2017). The robustness of brownie tag return models to complex spatiotemporal dynamics evaluated through simulation analysis. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 74, 1845–1861.
- Le Rouzic, A., T. F. Hansen, T. P. Gosden, and E. I. Svensson (2015). Evolutionary time-series analysis reveals the signature of frequency-dependent selection on a female mating polymorphism. *AMERICAN NATURALIST* 185, E182–E196.
- Le Saout, S., S. Padie, S. Chamaille-Jammes, S. Chollet, S. Cote, N. Morellet, J. Pattison, E. Harris, and J.-L. Martin (2014). Short-term effects

- of hunting on naive black-tailed deer (*Odocoileus hemionus sitkensis*): behavioural response and consequences on vegetation growth. *CANADIAN JOURNAL of ZOOLOGY* 92, 915–925.
- Leach, H. and R. Isaacs (2018). Seasonal occurrence of key arthropod pests and beneficial insects in Michigan high tunnel and field grown raspberries. *ENVIRONMENTAL ENTOMOLOGY* 47, 567–574.
- Lee, L. C., J. C. Watson, R. Trebilco, and A. K. Salomon (2016). Indirect effects and prey behavior mediate interactions between an endangered prey and recovering predator. *ECOSPHERE* 7, –.
- Lee, Q. and A. E. Punt (2018). Extracting a time-varying climate-driven growth index from otoliths for use in stock assessment models. *FISHERIES RESEARCH* 200, 93–103.
- Legault, C. M. (2014). The ability of two age composition error distributions to estimate selectivity and spawning stock biomass in simulated stock assessments. *FISHERIES RESEARCH* 158, 172–180.
- Lehikoinen, P., A. Santangeli, K. Jaatinen, A. Rajasarkka, and A. Lehikoinen (2019). Protected areas act as a buffer against detrimental effects of climate change-evidence from large-scale, long-term abundance data. *GLOBAL CHANGE BIOLOGY* 25, 304–313.
- Lerman, S. B., A. R. Contosta, J. Milam, and C. Bang (2018). To mow or to mow less: Lawn mowing frequency affects bee abundance and diversity in suburban yards. *BIOLOGICAL CONSERVATION* 221, 160–174.
- Leston, L. and N. Koper (2016). Urban rights-of-way as reservoirs for tall-grass prairie plants and butterflies. *ENVIRONMENTAL MANAGEMENT* 57, 543–557.
- Leverett, L. D. (2017). Germination phenology determines the propensity for facilitation and competition. *ECOLOGY* 98, 2437–2446.
- Leza, M. M., M. A. Miranda-Chueca, and B. V. Purse (2016). Patterns in varroa destructor depend on bee host abundance, availability of natural resources, and climate in Mediterranean apiaries. *ECOLOGICAL ENTOMOLOGY* 41, 542–553.

- Li, M., J. Dushoff, and B. M. Bolker (2018). Fitting mechanistic epidemic models to data: A comparison of simple markov chain monte carlo approaches. *STATISTICAL METHODS in MEDICAL RESEARCH* 27, 1956–1967.
- Li, Y., J. R. Bence, and T. O. Brenden (2015). An evaluation of alternative assessment approaches for intermixing fish populations: a case study with great lakes lake whitefish. *ICES JOURNAL of MARINE SCIENCE* 72, 70–81.
- Li, Y., J. R. Bence, and T. O. Brenden (2016). The influence of stock assessment frequency on the achievement of fishery management objectives. *NORTH AMERICAN JOURNAL of FISHERIES MANAGEMENT* 36, 793–812.
- Li, Y., J. R. Bence, and T. 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? *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 75, 2136–2148.
- Liljestrand, E. M., M. J. Wilberg, and A. M. Schueller (2019a). Estimation of movement and mortality of atlantic menhaden during 1966-1969 using a bayesian multi-state mark-recovery model. *FISHERIES RESEARCH* 210, 204–213.
- Liljestrand, E. M., M. J. Wilberg, and A. M. Schueller (2019b). Multi-state dead recovery mark-recovery model performance for estimating movement and mortality rates. *FISHERIES RESEARCH* 210, 214–223.
- Lin, G., A. Tanguay, C. Guertin, S. Todorova, and J. Brodeur (2017). A new method for loading predatory mites with entomopathogenic fungi for biological control of their prey. *BIOLOGICAL CONTROL* 115, 105–111.
- Lin, Y., A. Damjanovic, E. J. Metter, H. Nguyen, T. Truong, K. Najarro, C. Morris, D. L. Longo, M. Zhan, L. Ferrucci, R. J. Hodes, and N.-p. Weng (2015). Age-associated telomere attrition of lymphocytes in vivo is coordinated with changes in telomerase activity, composition of lymphocyte subsets and health conditions. *CLINICAL SCIENCE* 128, 367–377.

- Little, E., W. Bajwa, and J. Shaman (2017). Local environmental and meteorological conditions influencing the invasive mosquito *Ae. albopictus* and arbovirus transmission risk in New York City. *PLOS NEGLECTED TROPICAL DISEASES* 11, –.
- Little, E., D. Biehler, P. T. Leisnham, R. Jordan, S. Wilson, and S. L. LaDeau (2017). Socio-ecological mechanisms supporting high densities of *Aedes albopictus* (Diptera: Culicidae) in Baltimore, MD. *JOURNAL of MEDICAL ENTOMOLOGY* 54, 1183–1192.
- Little, E., S. R. Campbell, and J. 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. *PARASITES AND VECTORS* 9, –.
- Liu, X.-R., Y. Pawitan, and M. S. Clements (2017). Generalized survival models for correlated time-to-event data. *STATISTICS in MEDICINE* 36, 4743–4762.
- Lloyd, K., V. Fay, and L. Easton (2018). Experimental translocations of the threatened New Zealand plants *Carex inopinata* Cook (Cyperaceae) and *Simplicia laxa* Kirk (Poaceae). *NEW ZEALAND JOURNAL of ECOLOGY* 42, 214–221.
- Lobo, J. A., D. D. L. Ramos, and A. C. 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. *BOTANICAL JOURNAL of the LINNEAN SOCIETY* 181, 667–681.
- Lopes, P. C. and B. König (2016). Choosing a healthy mate: sexually attractive traits as reliable indicators of current disease status in house mice. *ANIMAL BEHAVIOUR* 111, 119–126.
- Lopez-Nunez, F. A., R. H. Heleno, S. Ribeiro, H. Marchante, and E. Marchante (2017). Four-trophic level food webs reveal the cascading impacts of an invasive plant targeted for biocontrol. *ECOLOGY* 98, 782–793.
- Lopez Quintero, F. O., J. E. Contreras-Reyes, R. Wiff, and R. B. Arellano-Valle (2017). Flexible Bayesian analysis of the von Bertalanffy growth func-

- tion with the use of a log-skew-t distribution. *FISHERY BULLETIN* 115, 13–26.
- Lopez-Sanchez, A., R. Perea, R. Dirzo, and S. Roig (2016). Livestock vs. wild ungulate management in the conservation of mediterranean dehesas: Implications for oak regeneration. *FOREST ECOLOGY and MANAGEMENT* 362, 99–106.
- Lovich, J. E., M. Thomas, K. Ironside, C. Yackulic, and S. R. Puffer (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. *OCEAN AND COASTAL MANAGEMENT* 157, 160–167.
- Luis Charro, J., A. Lopez-Sanchez, and R. Perea (2018). Traditional cattle vs. introduced deer management in chaco serrano woodlands (argentina): Analysis of environmental sustainability at increasing densities. *JOURNAL of ENVIRONMENTAL MANAGEMENT* 206, 642–649.
- Lumley, A. J., S. E. Diamond, S. Einum, S. E. Yeates, D. Peruffo, B. C. Emerson, and M. J. G. Gage (2016). Post-copulatory opportunities for sperm competition and cryptic female choice provide no offspring fitness benefits in externally fertilizing salmon. *ROYAL SOCIETY OPEN SCIENCE* 3, –.
- Lumley, A. J., L. Michalczyk, J. J. N. Kitson, L. G. Spurgin, C. A. Morrison, J. L. Godwin, M. E. Dickinson, O. Y. Martin, B. C. Emerson, T. Chapman, and M. J. G. Gage (2015). Sexual selection protects against extinction. *NATURE* 522, 470–+.
- Luncz, L. V. and C. Boesch (2015). The extent of cultural variation between adjacent chimpanzee (*pan troglodytes verus*) communities; a microecological approach. *AMERICAN JOURNAL of PHYSICAL ANTHROPOLOGY* 156, 67–75.
- Lusby, J., I. Corkery, S. McGuinness, D. Fernandez-Bellon, L. Toal, D. Norriss, D. Breen, A. O’Donnell, D. Clarke, S. Irwin, J. L. Quinn, and J. O’Halloran (2017). Breeding ecology and habitat selection of merlin *falco columbarius* in forested landscapes. *BIRD STUDY* 64, 445–454.

- Mabille, G., A. Stien, T. Tveraa, A. Mysterud, H. Broseth, and J. D. C. Linnell (2015). Sheep farming and large carnivores: What are the factors influencing claimed losses? *ECOSPHERE* 6, –.
- Maestrini, B., E. C. Alvey, M. D. Hurteau, H. Safford, and J. R. Miesel (2017). Fire severity alters the distribution of pyrogenic carbon stocks across ecosystem pools in a californian mixed-conifer forest. *JOURNAL of GEOPHYSICAL RESEARCH-BIOGEOSCIENCES* 122, 2338–2355.
- Magnusson, M., F. Ecke, H. Khalil, G. Olsson, M. Evander, B. Niklasson, and B. Hornfeldt (2015). Spatial and temporal variation of hantavirus bank vole infection in managed forest landscapes. *ECOSPHERE* 6, –.
- Mair, C., M. Stear, P. Johnson, M. Denwood, J. P. J. de Cisneros, T. Stefan, and L. Matthews (2015). A bayesian generalized random regression model for estimating heritability using overdispersed count data. *GENETICS SELECTION EVOLUTION* 47, –.
- Major, H. L. (2016). Ancient murrelet *synthliboramphus antiquus* colony attendance at langara island assessed using observer counts and radar in relation to time and environmental conditions. *MARINE ORNITHOLOGY* 44, 233–240.
- Malecore, E. M., W. Dawson, A. Kempel, G. Mueller, and M. van Kleunen (2019). Nonlinear effects of phylogenetic distance on early-stage establishment of experimentally introduced plants in grassland communities. *JOURNAL of ECOLOGY* 107, 781–793.
- Mangiamale, L. A., M. J. Fuxjager, E. R. Schuppe, R. S. Taylor, W. Hoedl, and D. Preininger (2016). Increased androgenic sensitivity in the hind limb muscular system marks the evolution of a derived gestural display. *PROCEEDINGS of the NATIONAL ACADEMY of SCIENCES of the UNITED STATES of AMERICA* 113, 5664–5669.
- Manninen, O. H. and A. Tolvanen (2017). Sexual reproduction of clonal dwarf shrubs in a forest-tundra ecotone. *PLANT ECOLOGY* 218, 635–645.
- Marshall, A. J., E. Meijaard, E. Van Cleave, and D. Sheil (2016). Charisma counts: the presence of great apes affects the allocation of research effort in the paleotropics. *FRONTIERS in ECOLOGY and the ENVIRONMENT* 14, 13–19.

- Martin, C. D., M. T. Fountain, and M. J. F. Brown (2018). Bumblebee olfactory learning affected by task allocation but not by a trypanosome parasite. *SCIENTIFIC REPORTS* 8, –.
- Martinez-Padilla, J., D. Lopez-Idiaquez, J. J. Lopez-Perea, R. Mateo, A. Paz, and J. Vinuela (2017). A negative association between bromadiolone exposure and nestling body condition in common kestrels: management implications for vole outbreaks. *PEST MANAGEMENT SCIENCE* 73, 364–370.
- Martinez-Varea, A., B. Pellicer, V. Serra, D. Hervas-Marin, A. Martinez-Romero, J. Bellver, A. Perales-Marin, and A. Pellicer (2015). The maternal cytokine and chemokine profile of naturally conceived gestations is mainly preserved during in vitro fertilization and egg donation pregnancies. *JOURNAL of IMMUNOLOGY RESEARCH*, –.
- Masoero, G., C. Morosinotto, T. Laaksonen, and E. Korpimaki (2018). Food hoarding of an avian predator: sex- and age-related differences under fluctuating food conditions. *BEHAVIORAL ECOLOGY and SOCIOBIOLOGY* 72, –.
- Mata, C., P. Ruiz-Capillas, and J. E. Malo (2017). Small-scale alterations in carnivore activity patterns close to motorways. *EUROPEAN JOURNAL of WILDLIFE RESEARCH* 63, –.
- Mathers, K. L., R. P. Chadd, M. J. Dunbar, C. A. Extence, J. Reeds, S. P. Rice, and P. J. Wood (2016). The long-term effects of invasive signal crayfish (*pacifastacus leniusculus*) on instream macroinvertebrate communities. *SCIENCE of the TOTAL ENVIRONMENT* 556, 207–218.
- Matsuba, M., S. Nishijima, and K. Katoh (2016). Effectiveness of corridor vegetation depends on urbanization tolerance of forest birds in central tokyo, japan. *URBAN FORESTRY AND URBAN GREENING* 18, 173–181.
- Maunder, M. N., R. B. Deriso, and C. 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*). *FISHERIES RESEARCH* 164, 102–111.

- Maunder, M. N. and K. R. Piner (2015). Contemporary fisheries stock assessment: many issues still remain. *ICES JOURNAL of MARINE SCIENCE* 72, 7–18.
- Maunder, M. N. and K. R. Piner (2017). Dealing with data conflicts in statistical inference of population assessment models that integrate information from multiple diverse data sets. *FISHERIES RESEARCH* 192, 16–27.
- McCallum, E. S., A. P. H. Bose, T. R. Warriner, and S. Balshine (2017). An evaluation of behavioural endpoints: The pharmaceutical pollutant fluoxetine decreases aggression across multiple contexts in round goby (*neogobius melanostomus*). *CHEMOSPHERE* 175, 401–410.
- McCallum, E. S., S. N. N. Du, M. Vaseghi-Shanjani, J. A. Choi, T. R. Warriner, T. Sultana, G. R. Scott, and S. Balshine (2017). In situ exposure to wastewater effluent reduces survival but has little effect on the behaviour or physiology of an invasive great lakes fish. *AQUATIC TOXICOLOGY* 184, 37–48.
- McDermott, S. F., V. Haist, and K. 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. *MARINE and COASTAL FISHERIES* 8, 334–349.
- McGrath, N. and E. Grapsa (2017). Does antiretroviral therapy change partnership dynamics and hiv risk behaviours among hiv-infected adults. *AIDS* 31, 1451–1460.
- McHugh, N. M., B. L. Bown, and J. E. Clark (2018). Use of field margins managed under an agri-environment scheme by foraging barn swallows *hirundo rustica*. *BIRD STUDY* 65, 329–337.
- Meade, L., E. Harley, A. Cotton, J. M. Howie, A. Pomiankowski, and K. Fowler (2017). Variation in the benefits of multiple mating on female fertility in wild stalk-eyed flies. *ECOLOGY and EVOLUTION* 7, 10103–10115.
- Meier, L., P. R. Torgerson, and H. Hertzberg (2016). Vaccination of goats against *haemonchus contortus* with the gut membrane proteins h11/h-gal-gp. *VETERINARY PARASITOLOGY* 229, 15–21.

- Melvin, A. M., G. Celis, J. F. Johnstone, A. Davidmcguire, H. Genet, E. A. G. Schuur, T. S. Rupp, and M. C. Mack (2018). Fuel-reduction management alters plant composition, carbon and nitrogen pools, and soil thaw in alaskan boreal forest. *ECOLOGICAL APPLICATIONS* 28, 149–161.
- Mendoza, S. P., M. Lascoux, and S. Glemin (2018). Competitive ability of capsella species with different mating systems and ploidy levels. *ANNALS of BOTANY* 121, 1257–1264.
- Meredith, S. L. (2018). Sex-typed social development in lemur catta. *FOLIA PRIMATOLOGICA* 89, 224–239.
- Merkling, T., J. Welcker, A. J. M. Hewison, S. A. Hatch, A. S. Kitaysky, J. R. Speakman, E. Danchin, and P. Blanchard (2015). Identifying the selective pressures underlying offspring sex-ratio adjustments: a case study in a wild seabird. *BEHAVIORAL ECOLOGY* 26, 916–925.
- Merritt, J. R., M. T. Davis, C. Jalabert, T. J. Libecap, D. R. Williams, K. K. Soma, and D. L. Maney (2018). Rapid effects of estradiol on aggression depend on genotype in a species with an estrogen receptor polymorphism. *HORMONES and BEHAVIOR* 98, 210–218.
- Merwin, A. C., N. Underwood, and B. D. Inouye (2017). Increased consumer density reduces the strength of neighborhood effects in a model system. *ECOLOGY* 98, 2904–2913.
- Merwin, A. C. and A. R. Yilmaz (2018). Diel flight pattern and size-dependent flight speed of kudzu bug, megacopta cribraria (fabricius). *JOURNAL of APPLIED ENTOMOLOGY* 142, 305–310.
- Meyer-Gutbrod, E. L. and C. H. Greene (2018). Uncertain recovery of the north atlantic right whale in a changing ocean. *GLOBAL CHANGE BIOLOGY* 24, 455–464.
- Meyer-Gutbrod, E. L., C. H. Greene, P. J. Sullivan, and A. J. Pershing (2015). Climate-associated changes in prey availability drive reproductive dynamics of the north atlantic right whale population. *MARINE ECOLOGY PROGRESS SERIES* 535, 243–258.

- Meyers, J. I., S. Pathikonda, Z. R. Popkin-Hall, M. C. Medeiros, G. Fuseini, A. Matias, G. Garcia, H. J. Overgaard, V. Kulkarni, V. P. Reddy, C. Schwabe, J. Lines, I. Kleinschmidt, and M. A. Slotman (2016). Increasing outdoor host-seeking in *Anopheles gambiae* over 6 years of vector control on Bioko Island. *MALARIA JOURNAL* 15, –.
- Michelot, T., R. Langrock, S. Bestley, I. D. Jonsen, T. Photopoulou, and T. A. Patterson (2017). Estimation and simulation of foraging trips in land-based marine predators. *ECOLOGY* 98, 1932–1944.
- Miesner, A. K., N. Lundholm, B. Krock, and T. G. Nielsen (2016). The effect of *Pseudo-nitzschia seriata* on grazing and fecundity of *Calanus finmarchicus* and *Calanus glacialis*. *JOURNAL of PLANKTON RESEARCH* 38, 564–574.
- Milena Gelviz-Gelvez, S., L. Roberto Sanchez-Montano, L. Lopez-Toledo, and F. Barragan (2016). The Andean forest soil seed bank in two successional stages in northeastern Colombia. *BOTANICAL SCIENCES* 94, 713–727.
- Miller, A. S., T. J. Miller, K. E. Mills, and T. F. Sheehan (2014). Retrospective analysis of Atlantic salmon (*Salmo salar*) marine growth and condition in the northwest Atlantic based on tag-recovery data. *FISHERIES OCEANOGRAPHY* 23, 103–115.
- Miller, T. J., J. A. Hare, and L. 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. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 73, 1261–1270.
- Miller, T. J. and S.-Y. Hyun (2018a). Evaluating evidence for alternative natural mortality and process error assumptions using a state-space, age-structured assessment model. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 75, 691–703.
- Miller, T. J. and S.-Y. Hyun (2018b). Evaluating evidence for alternative natural mortality and process error assumptions using a state-space, age-structured assessment model. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 75, 691–703.

- Miller, T. J. and C. M. Legault (2017). Statistical behavior of retrospective patterns and their effects on estimation of stock and harvest status. *FISHERIES RESEARCH* 186, 109–120.
- Miller, T. J., L. O’Brien, and P. S. Fratantoni (2018). Temporal and environmental variation in growth and maturity and effects on management reference points of georges bank atlantic cod. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 75, 2159–2171.
- Milligan, R. J., G. Spence, J. M. Roberts, and D. M. Bailey (2016). Fish communities associated with cold-water corals vary with depth and substratum type. *DEEP-SEA RESEARCH PART I-OCEANOGRAPHIC RESEARCH PAPERS* 114, 43–54.
- Millon, L., C. Colin, F. Brescia, and C. Kerbirou (2018). Wind turbines impact bat activity, leading to high losses of habitat use in a biodiversity hotspot. *ECOLOGICAL ENGINEERING* 112, 51–54.
- Minte-Vera, C. V., M. N. Maunder, J. M. Casselman, and S. E. Campana (2016). Growth functions that incorporate the cost of reproduction. *FISHERIES RESEARCH* 180, 31–44.
- Mitchell, N., M. W. Strohbach, R. Pratt, W. C. Finn, and E. G. Strauss (2015). Space use by resident and transient coyotes in an urban-rural landscape mosaic. *WILDLIFE RESEARCH* 42, 461–469.
- Mokdad, A. H., L. Dwyer-Lindgren, C. Fitzmaurice, R. W. Stubbs, A. Bertozzi-Villa, C. Morozoff, R. Charara, C. Allen, M. Naghavi, and C. J. L. Murray (2017). Trends and patterns of disparities in cancer mortality among us counties, 1980-2014. *JAMA-JOURNAL of the AMERICAN MEDICAL ASSOCIATION* 317, 388–406.
- Molkenthin, C., F. Scherbaum, A. Griewank, H. Leovey, S. Kucherenko, and F. Cotton (2017). Derivative-based global sensitivity analysis: Upper bounding of sensitivities in seismic-hazard assessment using automatic differentiation. *BULLETIN of the SEISMOLOGICAL SOCIETY of AMERICA* 107, 984–1004.
- Moller, A. P., F. Morelli, Y. Benedetti, T. Mousseau, T. Su, B. Zhou, P. Tryjanowski, and W. Liang (2017). Multiple species of cuckoos are superior predictors of bird species richness in asia. *ECOSPHERE* 8, –.

- Mondain-Monval, T. O. and S. P. Sharp (2018). Burrow depth, carbon dioxide and reproductive success in sand martins riparia riparia. *BIRD STUDY* 65, 123–131.
- Monnahan, C. C. and K. Kristensen (2018a). No-u-turn sampling for fast bayesian inference in admb and tmb: Introducing the adnuts and tmbstan r packages. *PLOS ONE* 13, –.
- Monnahan, C. C. and K. Kristensen (2018b). No-u-turn sampling for fast bayesian inference in admb and tmb: Introducing the adnuts and tmbstan r packages. *PLOS ONE* 13, –.
- Monnahan, C. C. and I. J. Stewart (2018). The effect of hook spacing on long-line catch rates: Implications for catch rate standardization. *FISHERIES RESEARCH* 198, 150–158.
- Monnahan, C. C., J. T. Thorson, and T. A. Branch (2017). Faster estimation of bayesian models in ecology using hamiltonian monte carlo. *METHODS in ECOLOGY and EVOLUTION* 8, 339–348.
- Moore, I., J. A. Dodd, M. Newton, C. W. Bean, I. Lindsay, P. Jarosz, and C. E. Adams (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. *JOURNAL of FISH BIOLOGY* 92, 1849–1865.
- Moos, J. H., S. Schrader, H. M. Paulsen, and G. Rahmann (2016). Occasional reduced tillage in organic farming can promote earthworm performance and resource efficiency. *APPLIED SOIL ECOLOGY* 103, 22–30.
- Morales, L. V., C. S. Sevillano-Rios, S. Fick, and T. P. Young (2018). Differential seedling regeneration patterns across forest-grassland ecotones in two tropical treeline species (polylepis spp.). *AUSTRAL ECOLOGY* 43, 514–526.
- Moreira, J. I., P. Riba-Hernandez, and J. A. Lobo (2017). Toucans (ramphastos ambiguus) facilitate resilience against seed dispersal limitation to a large-seeded tree (virola surinamensis) in a human-modified landscape. *BIOTROPICA* 49, 502–510.

- Morelli, F., Y. Benedetti, T. A. Mousseau, and A. P. Moller (2018). Ionizing radiation and taxonomic, functional and evolutionary diversity of bird communities. *JOURNAL of ENVIRONMENTAL MANAGEMENT* 220, 183–190.
- Morelli, F., Y. Benedetti, and P. Simova (2018). Landscape metrics as indicators of avian diversity and community measures. *ECOLOGICAL INDICATORS* 90, 132–141.
- Morelli, F., P. Mikula, Y. Benedetti, R. Bussiere, L. Jerzak, and P. Tryjanowski (2018). Escape behaviour of birds in urban parks and cemeteries across europe: Evidence of behavioural adaptation to human activity. *SCIENCE of the TOTAL ENVIRONMENT* 631-632, 803–810.
- Morelli, F., P. Mikula, Y. Benedetti, R. Bussiere, and P. Tryjanowski (2018). Cemeteries support avian diversity likewise urban parks in european cities: Assessing taxonomic, evolutionary and functional diversity. *URBAN FORESTRY AND URBAN GREENING* 36, 90–99.
- Moreno-Fernandez, D., I. Canellas, I. Barbeito, M. Sanchez-Gonzalez, and A. Ledo (2015). Alternative approaches to assessing the natural regeneration of scots pine in a mediterranean forest. *ANNALS of FOREST SCIENCE* 72, 569–583.
- Moreno-Opo, R., I. Afonso, J. Jimenez, M. Fernandez-Olalla, J. Canut, D. Garcia-Ferre, J. Pique, F. Garcia, J. Roig, J. Munoz-Igualada, L. Mariano Gonzalez, and J. Vicente Lopez-Bao (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. *PLOS ONE* 10, –.
- Morgan, W. H., E. Thebault, C. L. Seymour, and F. J. F. van Veen (2017). Density dependence and environmental factors affect population stability of an agricultural pest and its specialist parasitoid. *BIOCONTROL* 62, 175–184.
- Mori, B. A. and M. L. Evenden (2014). Efficacy and mechanisms of communication disruption of the red clover casebearer moth (coleophora deauratella) with complete and partial pheromone formulations. *JOURNAL of CHEMICAL ECOLOGY* 40, 577–589.

- Moriarty, K. M., M. A. Linnell, B. E. Chasco, C. W. Epps, and W. J. Zielinski (2017). Using high-resolution short-term location data to describe territoriality in pacific martens. *JOURNAL of MAMMALOGY* 98, 679–689.
- Moris, J. V., G. Vacchiano, S. R. Enri, M. Lonati, R. Motta, and D. Ascoli (2017). Resilience of european larch (*larix decidua* mill.) forests to wildfires in the western alps. *NEW FORESTS* 48, 663–683.
- Morken, N. H., C. Diaz-Garcia, A. V. Reisaeter, A. Foss, T. Leivestad, O. Geiran, D. Hervas, and M. Brannstrom (2015). Obstetric and neonatal outcome of pregnancies fathered by males on immunosuppression after solid organ transplantation. *AMERICAN JOURNAL of TRANSPLANTATION* 15, 1666–1673.
- Mormede, S., A. Dunn, S. Hanchet, and S. Parker (2014). Spatially explicit population dynamics models for antarctic toothfish in the ross sea region. *CCAMLR SCIENCE* 21, 19–37.
- Morrell, N., K. M. Johnson, C. E. Tarwater, and P. Arcese (2016). Nest defense and parental investment in song sparrows (*melospiza melodia*). *CANADIAN JOURNAL of ZOOLOGY* 94, 473–477.
- Morrow, M. E., R. E. Chester, S. E. Lehnen, B. M. Drees, and J. E. Toepfer (2015). Indirect effects of red imported fire ants on attwater’s prairie-chicken brood survival. *JOURNAL of WILDLIFE MANAGEMENT* 79, 898–906.
- Moser, D., S. Dullinger, T. Mang, K. Huelber, F. Essl, T. Frank, P. E. Hulme, G. Grabherr, and K. Pascher (2015). Changes in plant life-form, pollination syndrome and breeding system at a regional scale promoted by land use intensity. *DIVERSITY and DISTRIBUTIONS* 21, 1319–1328.
- Mueller, G., L. Horstmeyer, T. Roenneburg, M. van Kleunen, and W. Dawson (2016). Alien and native plant establishment in grassland communities is more strongly affected by disturbance than above- and below-ground enemies. *JOURNAL of ECOLOGY* 104, 1233–1242.
- Mulatier, M., L. P. A. Alou, F. Chandre, C. Pennetier, L. Dormont, and A. Cohuet (2018). Effect of deet-multiple exposures on behavior and life history traits in the malaria mosquito *anopheles gambiae* (s.s.). *PARASITES AND VECTORS* 11, –.

- Muradian, M. L., T. A. Branch, S. D. Moffitt, and P.-J. F. Hulson (2017). Bayesian stock assessment of pacific herring in prince william sound, alaska. *PLOS ONE* 12, –.
- Murphy, J. M., K. G. Howard, J. C. Gann, K. C. Cieciel, W. D. Templin, and I. Guthrie, Charles M. (2017). Juvenile chinook salmon abundance in the northern bering sea: Implications for future returns and fisheries in the yukon river. *DEEP-SEA RESEARCH PART II-TOPICAL STUDIES in OCEANOGRAPHY* 135, 156–167.
- Murphy, J. T., L. J. Rugolo, and B. J. Turnock (2017). Integrating demographic and environmental variables to calculate an egg production index for the eastern bering sea snow crab (*chionoecetes opilio*). *FISHERIES RESEARCH* 193, 143–157.
- Murphy, J. T., L. J. Rugolo, and B. 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. *FISHERIES RESEARCH* 205, 122–131.
- Murray, B. D., C. R. Webster, M. A. Jenkins, M. R. Saunders, and G. S. Haulton (2016). Ungulate impacts on herbaceous-layer plant communities in even-aged and uneven-aged managed forests. *ECOSPHERE* 7, –.
- Nafus, M. G., J. A. Savidge, A. A. Y. Adams, M. T. Christy, and R. N. Reed (2018). Passive restoration following ungulate removal in a highly disturbed tropical wet forest devoid of native seed dispersers. *RESTORATION ECOLOGY* 26, 331–337.
- Najberek, K., W. Solarz, and D. Chmura (2017). Do local enemies attack alien and native impatiens alike? *ACTA SOCIETATIS BOTANICORUM POLONIAE* 86, –.
- Nakagawa, S., P. C. D. Johnson, and H. Schielzeth (2017). The coefficient of determination r^2 and intra-class correlation coefficient from generalized linear mixed-effects models revisited and expanded. *JOURNAL of the ROYAL SOCIETY INTERFACE* 14, –.
- Nakayama, S., J. L. Harcourt, R. A. Johnstone, and A. Manica (2016). Who directs group movement? leader effort versus follower preference in stickleback fish of different personality. *BIOLOGY LETTERS* 12, –.

- Nakayama, S.-I., S. Akimoto, M. Ichinokawa, and H. Okamura (2017). Incorporating accessibility limitation into the surplus production model. *FISHERIES SCIENCE* 83, 353–365.
- Neelon, B., A. J. O’Malley, and V. A. Smith (2016). Modeling zero-modified count and semicontinuous data in health services research part 1: background and overview. *STATISTICS in MEDICINE* 35, 5070–5093.
- Nesbit, C. M., R. Menendez, M. R. Roberts, and A. Wilby (2016). Associational resistance or susceptibility: the indirect interaction between chemically-defended and non-defended herbivore prey via a shared predator. *OIKOS* 125, 1802–1811.
- Nesmith, J. C. B., M. Wright, E. S. Jules, and S. T. McKinney (2019). Whitebark and foxtail pine in yosemite, sequoia, and kings canyon national parks: Initial assessment of stand structure and condition. *FORESTS* 10, –.
- Neuenhoff, R. D., D. P. Swain, S. P. Cox, M. K. McAllister, A. W. Trites, C. J. Walters, and M. O. Hammill (2019). Continued decline of a collapsed population of atlantic cod (*gadus morhua*) due to predation-driven allee effects. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 76, 168–184.
- Newell, F. L., T.-A. Beachy, A. D. Rodewald, C. G. Rengifo, I. J. Ausprey, and P. G. Rodewald (2014). Foraging behavior of cerulean warblers during the breeding and non-breeding seasons: evidence for the breeding currency hypothesis. *JOURNAL of FIELD ORNITHOLOGY* 85, 310–320.
- Nielsen, K., L. Stenseng, O. B. Andersen, and P. Knudsen (2017). The performance and potentials of the cryosat-2 sar and sarin modes for lake level estimation. *WATER* 9, –.
- Nielsen, K., L. Stenseng, O. B. Andersen, H. Villadsen, and P. Knudsen (2015). Validation of cryosat-2 sar mode based lake levels. *REMOTE SENSING of ENVIRONMENT* 171, 162–170.
- Niku, J., D. I. Warton, F. K. C. Hui, and S. Taskinen (2017). Generalized linear latent variable models for multivariate count and biomass data in ecology. *JOURNAL of AGRICULTURAL BIOLOGICAL and ENVIRONMENTAL STATISTICS* 22, 498–522.

- Nishie, H. and M. Nakamura (2018). A newborn infant chimpanzee snatched and cannibalized immediately after birth: Implications for maternity leave in wild chimpanzee. *AMERICAN JOURNAL of PHYSICAL ANTHROPOLOGY* 165, 194–199.
- Nishijima, S., C. Nishikawa, and T. Miyashita (2017). Habitat modification by invasive crayfish can facilitate its growth through enhanced food accessibility. *BMC ECOLOGY* 17, –.
- Nishikawa, Y. and T. Shimamura (2016). Effects of alien invasion by *bombus terrestris* l. (apidae) on the visitation patterns of native bumblebees in coastal plants in northern japan. *JOURNAL of INSECT CONSERVATION* 20, 71–84.
- Norden, B., J. B. Jordal, and M. Evju (2018). Can large unmanaged trees replace ancient pollarded trees as habitats for lichenized fungi, non-lichenized fungi and bryophytes? *BIODIVERSITY and CONSERVATION* 27, 1095–1114.
- Novara, C., L. Ascari, V. La Morgia, L. Reale, A. Genre, and C. Siniscalco (2017). Viability and germinability in long term storage of *corylus avellana* pollen. *SCIENTIA HORTICULTURAE* 214, 295–303.
- Nystuen, K. O., M. Evju, G. M. Rusch, B. J. Graae, and N. E. Eide (2014). Rodent population dynamics affect seedling recruitment in alpine habitats. *JOURNAL of VEGETATION SCIENCE* 25, 1004–1014.
- O’Brien, E. K., M. Higgie, A. Reynolds, A. A. Hoffmann, and J. R. Bridle (2017). Testing for local adaptation and evolutionary potential along altitudinal gradients in rainforest drosophila: beyond laboratory estimates. *GLOBAL CHANGE BIOLOGY* 23, 1847–1860.
- Ochocki, B. M. and T. E. X. Miller (2017). Rapid evolution of dispersal ability makes biological invasions faster and more variable. *NATURE COMMUNICATIONS* 8, –.
- O’Dea, E. B., H. Snelson, and S. Bansal (2016). Using heterogeneity in the population structure of us swine farms to compare transmission models for porcine epidemic diarrhoea. *SCIENTIFIC REPORTS* 6, –.

- Oedekoven, C. S., J. L. Laake, and H. J. Skaug (2015). Distance sampling with a random scale detection function. *ENVIRONMENTAL and ECOLOGICAL STATISTICS* 22, 725–737.
- Ogawa, M., T. Shiozaki, M. Shirai, M. S. Mueller, M. Yamamoto, and K. Yoda (2015). How do biparental species optimally provision young when begging is honest? *BEHAVIORAL ECOLOGY* 26, 885–899.
- Ohba, S.-Y. and A. Maeda (2017). Paternal care behaviour of the giant water bug *kirkaldyia deyrolli* (heteroptera: Belostomatidae) against ants. *ECOLOGICAL ENTOMOLOGY* 42, 402–410.
- Oigard, T. A., T. Haug, and K. T. Nilssen (2014). From pup production to quotas: current status of harp seals in the greenland sea. *ICES JOURNAL of MARINE SCIENCE* 71, 537–545.
- Oigard, T. A. and H. J. Skaug (2015). Fitting state-space models to seal populations with scarce data. *ICES JOURNAL of MARINE SCIENCE* 72, 1462–1469.
- Ojikutu, B. O., S. Srinivasan, L. M. Bogart, V. Subramanian, S., and K. H. Mayer (2018). Mass incarceration and the impact of prison release on hiv diagnoses in the us south. *PLOS ONE* 13, –.
- Okamura, H., S. Ikeda, T. Morita, and S. Eguchi (2016). Risk assessment of radioisotope contamination for aquatic living resources in and around japan. *PROCEEDINGS of the NATIONAL ACADEMY of SCIENCES of the UNITED STATES of AMERICA* 113, 3838–3843.
- Okamura, H., Y. Yamashita, and M. Ichinokawa (2017). Ridge virtual population analysis to reduce the instability of fishing mortalities in the terminal year. *ICES JOURNAL of MARINE SCIENCE* 74, 2427–2436.
- Okamura, H., Y. Yamashita, M. Ichinokawa, and S. Nishijima (2018). Comparison of the performance of age-structured models with few survey indices. *ICES JOURNAL of MARINE SCIENCE* 75, 2016–2024.
- Oliveros-Ramos, R., P. Verley, V. Echevin, and Y.-J. Shin (2017). A sequential approach to calibrate ecosystem models with multiple time series data. *PROGRESS in OCEANOGRAPHY* 151, 227–244.

- Oloo, F., A. Sciarretta, M. M. Mohamed-Ahmed, T. Kroeber, A. McMullin, S. Mihok, and P. M. Guerin (2014). Standardizing visual control devices for tsetse flies: East african species *glossina fuscipes fuscipes* and *glossina tachinoides*. *PLOS NEGLECTED TROPICAL DISEASES* 8, –.
- Olsen, E., G. Fay, S. Gaichas, R. Gamble, S. Lucey, and J. S. Link (2016). Ecosystem model skill assessment. yes we can! *PLOS ONE* 11, –.
- Ono, K., S. Kotwicki, G. E. Dingsor, and E. Johnsen (2018). Multispecies acoustic dead-zone correction and bias ratio estimates between acoustic and bottom-trawl data. *ICES JOURNAL of MARINE SCIENCE* 75, 361–373.
- Opedal, O. H., E. Albertsen, W. S. Armbruster, R. Perez-Barrales, M. Falahati-Anbaran, and C. Pelabon (2016). Evolutionary consequences of ecological factors: pollinator reliability predicts mating-system traits of a perennial plant. *ECOLOGY LETTERS* 19, 1486–1495.
- Opedal, O. H., E. Albertsen, R. Perez-Barrales, W. S. Armbruster, and C. Pelabon (2019). No evidence that seed predators constrain pollinator-mediated trait evolution in a tropical vine. *AMERICAN JOURNAL of BOTANY* 106, 145–153.
- Orlandi, S., E. Nucera, E. Mosimann, G. D’Adda, D. Garzoli, M. Bertossa, M. Lonati, and G. Lombardi (2017). Drivers of *setaria pumila* (poir.) roem. et schult growth and impact on forage quality in lowland switzerland meadows. *GRASS and FORAGE SCIENCE* 72, 154–162.
- O’Shea, W., E. Serrano-Davies, and J. L. Quinn (2017). Do personality and innovativeness influence competitive ability? an experimental test in the great tit. *BEHAVIORAL ECOLOGY* 28, 1435–1444.
- Ostevik, K. L., R. L. Andrew, S. P. Otto, and L. H. Rieseberg (2016). Multiple reproductive barriers separate recently diverged sunflower ecotypes. *EVOLUTION* 70, 2322–2335.
- Ousterhout, B. H. and J. J. Burkhart (2017). Moving beyond the plane: measuring 3d home ranges of juvenile salamanders with passive integrated transponder (pit) tags. *BEHAVIORAL ECOLOGY and SOCIOBIOLOGY* 71, –.

- Ovaska, K., L. Sopuck, and D. Robichaud (2016). Short-term effects of variable-retention logging practices on terrestrial gastropods in coastal forests of british columbia. *NORTHWEST SCIENCE* 90, 260–277.
- Oviedo-Diego, M. A., C. I. Mattoni, and A. V. Peretti (2019). Specificity of the female’s local cellular immune response in genital plug producing scorpion species. *PLOS ONE* 14, –.
- Owen, K., A. S. Kavanagh, J. D. Warren, M. J. Noad, D. Donnelly, A. W. Goldizen, and R. A. Dunlop (2017). Potential energy gain by whales outside of the antarctic: prey preferences and consumption rates of migrating humpback whales (megaptera novaeangliae). *POLAR BIOLOGY* 40, 277–289.
- Owen, K., J. D. Warren, M. J. Noad, D. Donnelly, A. W. Goldizen, and R. A. Dunlop (2015). Effect of prey type on the fine-scale feeding behaviour of migrating east australian humpback whales. *MARINE ECOLOGY PROGRESS SERIES* 541, 231–244.
- Palomares, F., J. V. Lopez-Bao, G. Telletxea, J. C. Cena, P. Fournier, G. Giralda, and F. Urra (2017). Activity and home range in a recently widespread european mink population in western europe. *EUROPEAN JOURNAL of WILDLIFE RESEARCH* 63, –.
- Panikian, G., J. Cussens, and J. W. Pitchford (2015). Identification and quantification of heteroscedasticity in stock-recruitment relationships. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 72, 1259–1271.
- Pardee, G. L., D. W. Inouye, and R. E. Irwin (2018). Direct and indirect effects of episodic frost on plant growth and reproduction in subalpine wildflowers. *GLOBAL CHANGE BIOLOGY* 24, 848–857.
- Parent, C. J., F. Hernandez, L. A. Brennan, D. B. Wester, F. C. Bryant, and M. J. Schnupp (2016). Northern bobwhite abundance in relation to precipitation and landscape structure. *JOURNAL of WILDLIFE MANAGEMENT* 80, 7–18.
- Park, M. G., E. J. Blitzer, J. Gibbs, J. E. Losey, and B. N. Danforth (2015). Negative effects of pesticides on wild bee communities can be buffered

- by landscape context. *PROCEEDINGS of the ROYAL SOCIETY B-BIOLOGICAL SCIENCES* 282, –.
- Parker, A. J., J. L. Tran, J. L. Ison, J. D. K. Bai, A. E. Weis, and J. D. Thomson (2015). Pollen packing affects the function of pollen on corbiculate bees but not non-corbiculate bees. *ARTHROPOD-PLANT INTERACTIONS* 9, 197–203.
- Parker, A. J., N. M. Williams, and J. D. Thomson (2016). Specialist pollinators deplete pollen in the spring ephemeral wildflower *claytonia virginica*. *ECOLOGY and EVOLUTION* 6, 5169–5177.
- Parker, A. J., N. M. Williams, and J. D. Thomson (2018). Geographic patterns and pollination ecotypes in *claytonia virginica*. *EVOLUTION* 72, 202–210.
- Parker, D., H. Winker, A. Bernard, and A. Gotz (2016). Evaluating long-term monitoring of temperate reef fishes: A simulation testing framework to compare methods. *ECOLOGICAL MODELLING* 333, 1–10.
- Passos, I., H. Marchante, R. Pinho, and E. Marchante (2017). What we don’t seed: the role of long-lived seed banks as hidden legacies of invasive plants. *PLANT ECOLOGY* 218, 1313–1324.
- Patterson, T. A., A. Parton, R. Langrock, P. G. Blackwell, L. Thomas, and R. King (2017). Statistical modelling of individual animal movement: an overview of key methods and a discussion of practical challenges. *ASTA-ADVANCES in STATISTICAL ANALYSIS* 101, 399–438.
- Paulo, J. T., D. P. Godinho, A. Silva, C. Branquinho, and S. Magalhaes (2018). Suppression of plant defenses by herbivorous mites is not associated with adaptation to host plants. *INTERNATIONAL JOURNAL of MOLECULAR SCIENCES* 19, –.
- Paxton, A. B. and D. Smith (2018). Visual cues from an underwater illusion increase relative abundance of highly reef-associated fish on an artificial reef. *MARINE and FRESHWATER RESEARCH* 69, 614–619.
- Pedersen, M. W. and C. W. Berg (2017). A stochastic surplus production model in continuous time. *FISH and FISHERIES* 18, 226–243.

- Pequeno, P. A. C. L. (2017). What drives patrolling behaviour by nasute termites? a model and an empirical assessment. *ETHOLOGY* 123, 434–441.
- Perez, J. H., J. D. Furlow, J. C. Wingfield, and M. Ramenofsky (2016). Regulation of vernal migration in gambel’s white-crowned sparrows: Role of thyroxine and triiodothyronine. *HORMONES and BEHAVIOR* 84, 50–56.
- Perkins, S. E., T. A. White, E. L. Pascoe, and E. L. Gillingham (2017). Parasite community dynamics in an invasive vole - from focal introduction to wave front. *INTERNATIONAL JOURNAL for PARASITOLOGY-PARASITES and WILDLIFE* 6, 412–419.
- Perles, S. J., T. Wagner, B. J. Irwin, D. R. Manning, K. K. Callahan, and M. R. Marshall (2014). Evaluation of a regional monitoring program’s statistical power to detect temporal trends in forest health indicators. *ENVIRONMENTAL MANAGEMENT* 54, 641–655.
- Pernollet, C. A., F. Cavallo, D. Simpson, M. Gauthier-Clerc, and M. Guillemin (2017). Seed density and waterfowl use of rice fields in camargue, france. *JOURNAL of WILDLIFE MANAGEMENT* 81, 96–111.
- Perretti, C. T. and C. M. Legault (2018). When does smoothing the output of index-based stock assessments improve estimates of fish population biomass? *FISHERIES RESEARCH* 207, 1–8.
- Peterson, E., M. Remmenga, A. D. Hagerman, and J. E. Akkina (2017). Use of temperature, humidity, and slaughter condemnation data to predict increases in transport losses in three classes of swine and resulting foregone revenue. *FRONTIERS in VETERINARY SCIENCE* 4, –.
- Pike, T. W. (2015). Interference coloration as an anti-predator defence. *BIOLOGY LETTERS* 11, –.
- Pilfold, N. W., A. McCall, A. E. Derocher, N. J. Lunn, and E. Richardson (2017). Migratory response of polar bears to sea ice loss: to swim or not to swim. *ECOGRAPHY* 40, 189–199.
- Piner, K. R., H.-H. Lee, and M. 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. *FISHERIES RESEARCH* 180, 128–137.
- Pittarello, M., A. Gorlier, G. Lombardi, and M. Lonati (2017). Plant species selection by sheep in semi-natural dry grasslands extensively grazed in the south-western italian alps. *RANGELAND JOURNAL* 39, 123–131.
- Pittarello, M., M. Lonati, A. Gorlier, M. Probo, and G. Lombardi (2017). Species-rich nardus stricta grasslands host a higher vascular plant diversity on calcareous than on siliceous bedrock. *PLANT ECOLOGY AND DIVERSITY* 10, 343–351.
- Pittarello, M., M. Probo, M. Lonati, D. W. Bailey, and G. Lombardi (2016). Effects of traditional salt placement and strategically placed mineral mix supplements on cattle distribution in the western italian alps. *GRASS and FORAGE SCIENCE* 71, 529–539.
- Pittarello, M., M. Probo, M. Lonati, and G. Lombardi (2016). Restoration of sub-alpine shrub-encroached grasslands through pastoral practices: effects on vegetation structure and botanical composition. *APPLIED VEGETATION SCIENCE* 19, 381–390.
- Plaganyi, E., R. A. Deng, R. A. Campbell, D. Dennis, T. Hutton, M. Haywood, and M. Tonks (2018). Evaluating an empirical harvest control rule for the torres strait panulirus ornatus tropical rock lobster fishery. *BULLETIN of MARINE SCIENCE* 94, 1095–1120.
- Planillo, A., S. Kramer-Schadt, and J. E. Malo (2015). Transport infrastructure shapes foraging habitat in a raptor community. *PLOS ONE* 10, –.
- Popovic, M. (2018). Inter-rebel alliances in the shadow of foreign sponsors. *INTERNATIONAL INTERACTIONS* 44, 749–776.
- Potapov, A. M., A. A. Goncharov, E. E. Semenina, A. Y. Korotkevich, S. M. Tsurikov, O. L. Rozanova, A. E. Anichkin, A. G. Zuev, E. S. Samoylova, I. I. Semenyuk, I. V. Yevdokimov, and A. V. Tiunov (2017). Arthropods in the subsoil: Abundance and vertical distribution as related to soil organic matter, microbial biomass and plant roots. *EUROPEAN JOURNAL of SOIL BIOLOGY* 82, 88–97.

- Potts, D. D., H. A. Dawson, and M. L. Jones (2015). Validation of a relationship between statolith size and age of larval great lakes sea lamprey (*petromyzon marinus*). *ENVIRONMENTAL BIOLOGY of FISHES* 98, 1859–1869.
- Povilus, R. A., P. K. Diggle, and W. E. Friedman (2018). Evidence for parent-of-origin effects and interparental conflict in seeds of an ancient flowering plant lineage. *PROCEEDINGS of the ROYAL SOCIETY B-BIOLOGICAL SCIENCES* 285, –.
- Pozgayova, M., R. Beno, P. Prochazka, V. Jelinek, M. M. Abraham, and M. Honza (2015). Lazy males and hardworking females? sexual conflict over parental care in a brood parasite host and its consequences for chick growth. *BEHAVIORAL ECOLOGY and SOCIOBIOLOGY* 69, 1053–1061.
- Pratchett, M. S., S. Dworjanyn, B. Mos, C. F. Caballes, C. A. Thompson, and S. Blowes (2017). Larval survivorship and settlement of crown-of-thorns starfish (*acanthaster cf. solaris*) at varying algal cell densities. *DIVERSITY-BASEL* 9, –.
- Precht, L., A. Keinath, and J. F. Krems (2017a). Effects of driving anger on driver behavior - results from naturalistic driving data. *TRANSPORTATION RESEARCH PART F-TRAFFIC PSYCHOLOGY and BEHAVIOUR* 45, 75–92.
- Precht, L., A. Keinath, and J. F. Krems (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. *TRANSPORTATION RESEARCH PART F-TRAFFIC PSYCHOLOGY and BEHAVIOUR* 51, 103–144.
- Precht, L., A. Keinath, and J. F. Krems (2017c). Identifying the main factors contributing to driving errors and traffic violations - results from naturalistic driving data. *TRANSPORTATION RESEARCH PART F-TRAFFIC PSYCHOLOGY and BEHAVIOUR* 49, 49–92.
- Prichard, C. G., E. F. Roseman, K. M. Keeler, T. P. O'Brien, and S. C. Riley (2016). Large-scale changes in bloater growth and condition in lake huron.

TRANSACTIONS of the AMERICAN FISHERIES SOCIETY 145, 1241–1251.

- Probo, M., D. Ascoli, M. Lonati, R. Marzano, and G. Lombardi (2017). Restoration treatments to control *molinia arundinacea* and woody and alien species encroachment in *calluna vulgaris* heathlands at the southern edge of their distribution. *BIOLOGICAL CONSERVATION* 211, 102–109.
- Pruetz, J. D., P. Bertolani, K. B. Ontl, S. Lindshield, M. Shelley, and E. G. Wessling (2015). New evidence on the tool-assisted hunting exhibited by chimpanzees (*pan troglodytes verus*) in a savannah habitat at fongoli, senegal. *ROYAL SOCIETY OPEN SCIENCE* 2, –.
- Puehringer-Sturmayer, V., C. A. F. Wascher, M.-C. Loretto, R. Palme, M. Stoewe, K. Kotrschal, and D. Frigerio (2018). Seasonal differences of corticosterone metabolite concentrations and parasite burden in northern bald ibis (*geronticus eremita*): The role of affiliative interactions. *PLOS ONE* 13, –.
- Punt, A. E. and M. Dorn (2014). Comparisons of meta-analytic methods for deriving a probability distribution for the steepness of the stock-recruitment relationship. *FISHERIES RESEARCH* 149, 43–54.
- Punt, A. E., M. Haddon, and R. McGarvey (2016). Estimating growth within size-structured fishery stock assessments: What is the state of the art and what does the future look like? *FISHERIES RESEARCH* 180, 147–160.
- Punt, A. E., D. K. Okamoto, A. D. MacCall, A. O. Shelton, D. R. Armitage, J. S. Cleary, I. P. Davies, S. C. Dressel, T. B. Francis, P. S. Levin, R. R. Jones, H. Kitka, L. C. Lee, J. A. McIsaac, M. R. Poe, S. Reifenstuhel, J. J. Silver, J. O. Schmidt, T. F. Thornton, R. Voss, and J. Woodruff (2018). When are estimates of spawning stock biomass for small pelagic fishes improved by taking spatial structure into account? *FISHERIES RESEARCH* 206, 65–78.
- Pusceddu, M., G. Piluzza, P. Theodorou, F. Buffa, L. Ruiiu, S. Bullitta, I. Floris, and A. Satta (2019). Resin foraging dynamics in varroa destructor-infested hives: a case of medication of kin? *INSECT SCIENCE* 26, 297–310.

- Pynegar, E. L., J. P. G. Jones, J. M. Gibbons, and N. M. Asquith (2018). The effectiveness of payments for ecosystem services at delivering improvements in water quality: lessons for experiments at the landscape scale. *PEERJ* 6, –.
- Quinn, T. J., R. B. Deriso, and P. D. Ganz (2017). Combining the cohen-fishman growth increment model with a box-cox transformation. *FISHERIES RESEARCH* 187, 11–21.
- Quiroz, Z. C. and M. O. Prates (2018). Bayesian spatio-temporal modelling of anchovy abundance through the spde approach. *SPATIAL STATISTICS* 28, 236–256.
- Rabaoui, L., Y.-J. Lin, R. H. Maneja, M. A. Qurban, P. Abdurahiman, P. Premlal, K. Al-Abdulkader, and R. H. Roa-Ureta (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. *FISHERIES RESEARCH* 195, 1–11.
- Rahn, A. K., E. Esser, S. Reher, F. Ihlow, A. D. C. MacColl, and T. C. M. Bakker (2016). Distribution of common stickleback parasites on north uist, scotland, in relation to ecology and host traits. *ZOOLOGY* 119, 395–402.
- Rakhimberdiev, E., P. J. van den Hout, M. Brugge, B. Spaans, and T. Piersma (2015). Seasonal mortality and sequential density dependence in a migratory bird. *JOURNAL of AVIAN BIOLOGY* 46, 332–341.
- Ramenofsky, M., A. W. Champion, J. H. Perez, J. S. Krause, and Z. Nemeth (2017). Behavioral and physiological traits of migrant and resident white-crowned sparrows: a common garden approach. *JOURNAL of EXPERIMENTAL BIOLOGY* 220, 1330–1340.
- Ramey, Rob R., I., J. L. Thorley, and A. S. Ivey (2018). Local and population-level responses of greater sage-grouse to oil and gas development and climatic variation in wyoming. *PEERJ* 6, –.
- Redmond, M. D., N. S. Cobb, M. J. Clifford, and N. N. Barger (2015). Woodland recovery following drought-induced tree mortality across an environmental stress gradient. *GLOBAL CHANGE BIOLOGY* 21, 3685–3695.

- Reeve, A. J., A. F. Ojanguren, A. E. Deacon, H. Shimadzu, I. W. Ramnarine, and A. E. Magurran (2014). Interplay of temperature and light influences wild guppy (*poecilia reticulata*) daily reproductive activity. *BIOLOGICAL JOURNAL of the LINNEAN SOCIETY* 111, 511–520.
- Reich, R. M., J. E. Lundquist, and R. E. Acciavatti (2014). Influence of climatic conditions and elevation on the spatial distribution and abundance of trypodendron ambrosia beetles (coleoptera: Curculionidae: Scolytinae) in alaska. *FOREST SCIENCE* 60, 308–316.
- Reif, J., R. Reifova, A. Skoracka, and L. Kuczynski (2018). Competition-driven niche segregation on a landscape scale: Evidence for escaping from syntopy towards allotopy in two coexisting sibling passerine species. *JOURNAL of ANIMAL ECOLOGY* 87, 774–789.
- Reisch, C., C. Schmid, and F. Hartig (2018). A comparison of methods for estimating plant population size. *BIODIVERSITY and CONSERVATION* 27, 2021–2028.
- Reiskind, M. H., R. H. Griffin, M. S. Janairo, and K. A. Hopperstad (2017). Mosquitoes of field and forest: the scale of habitat segregation in a diverse mosquito assemblage. *MEDICAL and VETERINARY ENTOMOLOGY* 31, 44–54.
- Requena, G. S. and G. Machado (2015). Effects of egg attendance on male mating success in a harvestman with exclusive paternal care. *BEHAVIORAL ECOLOGY* 26, 926–935.
- Rey Benayas, J. M., J. Meltzer, D. de las Heras-Bravo, and L. Cayuela (2017). Potential of pest regulation by insectivorous birds in mediterranean woody crops. *PLOS ONE* 12, –.
- Riba-Hernandez, P., J. Lobo Segura, and J. 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*). *AMERICAN JOURNAL of BOTANY* 103, 1990–1999.
- Rigaill, L., A. J. J. MacIntosh, J. P. Higham, S. Winters, K. Shimizu, K. Mouri, T. Furuichi, and C. Garcia (2015). Multimodal advertisement

- of pregnancy in free-ranging female japanese macaques (*macaca fuscata*). *PLOS ONE* 10, –.
- Rigaill, L., N. Suda-Hashimoto, L. Ducroix, K. Mouri, T. Furuichi, and C. Garcia (2017). Testing for links between female urine odor and male sexual behaviors in japanese macaques (*macaca fuscata*). *INTERNATIONAL JOURNAL of PRIMATOLOGY* 38, 823–837.
- Rinne, H., S. Korpinen, J. Mattila, and S. Salovius-Lauren (2018). Functionality of potential macroalgal indicators in the northern baltic sea. *AQUATIC BOTANY* 149, 52–60.
- Rivkin, L. R., S. C. H. Barrett, and M. T. J. Johnson (2018). The effects of plant sexual system and latitude on resistance to herbivores. *AMERICAN JOURNAL of BOTANY* 105, 977–985.
- Roa-Ureta, R. H. (2016). Size-dependent mortality rate profiles. *JOURNAL of THEORETICAL BIOLOGY* 402, 107–116.
- Roa-Ureta, R. H., C. Molinet, N. Barahona, and P. Araya (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. *FISHERIES RESEARCH* 171, 59–67.
- Roberts, M. W., A. W. D’Amato, C. C. Kern, and B. J. Palik (2017). Effects of variable retention harvesting on natural tree regeneration in *pinus resinosa* (red pine) forests. *FOREST ECOLOGY and MANAGEMENT* 385, 104–115.
- Robinson, J. M., M. J. Wilberg, J. V. Adams, and M. L. Jones (2014). Comparing methods for estimating larval sea lamprey (*petromyzon marinus*) density in the st. marys river for the purposes of control. *JOURNAL of GREAT LAKES RESEARCH* 40, 739–747.
- Robinson, L. M., K. Coleman, J. P. Capitanio, D. H. Gottlieb, I. G. Handel, M. J. Adams, M. C. Leach, N. K. Waran, and A. Weiss (2018). Rhesus macaque personality, dominance, behavior, and health. *AMERICAN JOURNAL of PRIMATOLOGY* 80, –.
- Robinson, W. M. L., D. S. Butterworth, and E. E. Plaganyi (2015). Quantifying the projected impact of the south african sardine fishery on the robben

- island penguin colony. *ICES JOURNAL of MARINE SCIENCE* 72, 1822–1833.
- Rodgveller, C. J., J. W. Stark, K. B. Echave, and P.-J. F. Hulson (2016). Age at maturity, skipped spawning, and fecundity of female sablefish (*Anoplopoma fimbria*) during the spawning season. *FISHERY BULLETIN* 114, 89–102.
- Rodriguez-Planes, L. I., M. S. Gaspe, G. F. Enriquez, and R. E. Gurtler (2018). Habitat-specific occupancy and a metapopulation model of *Triatoma sordida* (Hemiptera: Reduviidae), a secondary vector of Chagas disease, in northeastern Argentina. *JOURNAL of MEDICAL ENTOMOLOGY* 55, 370–381.
- Roman, C., B. Ernst, M. Thiel, P. Manriquez, and J. Chamorro (2018). Spatio-temporal migratory dynamics of *Jasus frontalis* (Milne Edwards, 1837) in Alexander Selkirk Island, Juan Fernandez Archipelago, Chile. *PLOS ONE* 13, –.
- Ronka, K., J. Mappes, C. Michalis, R. Kivio, J. Salokannas, and B. Rojas (2018). Can multiple-model mimicry explain warning signal polymorphism in the wood tiger moth, *Arctia plantaginis* (Lepidoptera: Erebidae)? *BIOLOGICAL JOURNAL of the LINNEAN SOCIETY* 124, 237–260.
- Roop, H. J., N. C. Poudyal, and C. A. Jennings (2018). Assessing angler effort, catch, and harvest on a spatially complex, multi-lake fishery in Middle Georgia. *NORTH AMERICAN JOURNAL of FISHERIES MANAGEMENT* 38, 833–841.
- Rosin, Z. M., A. Lesicki, Z. Kwiecinski, P. Skorka, and P. Tryjanowski (2017). Land snails benefit from human alterations in rural landscapes and habitats. *ECOSPHERE* 8, –.
- Roth, G. A., L. Dwyer-Lindgren, A. Bertozzi-Villa, R. W. Stubbs, C. Morozoff, M. Naghavi, A. H. Mokdad, and C. J. L. Murray (2017). Trends and patterns of geographic variation in cardiovascular mortality among US counties, 1980–2014. *JAMA-JOURNAL of the AMERICAN MEDICAL ASSOCIATION* 317, 1976–1992.

- Rowntree, J. K., S. E. Zytynska, L. Frantz, B. Hurst, A. Johnson, and R. F. Preziosi (2014). The genetics of indirect ecological effects-plant parasites and aphid herbivores. *FRONTIERS in GENETICS* 5, –.
- Rozman, A., J. Diaci, A. Krese, G. Fidej, and D. Rozenbergar (2015). Forest regeneration dynamics following bark beetle outbreak in norway spruce stands: Influence of meso-relief, forest edge distance and deer browsing. *FOREST ECOLOGY and MANAGEMENT* 353, 196–207.
- Rudd, M. B. and T. A. Branch (2017). Does unreported catch lead to over-fishing? *FISH and FISHERIES* 18, 313–323.
- Rudd, M. B. and J. T. Thorson (2018). Accounting for variable recruitment and fishing mortality in length-based stock assessments for data-limited fisheries. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 75, 1019–1035.
- Salek, M., V. Hula, M. Kipson, R. Dankova, J. Niedobova, and A. Gamero (2018). Bringing diversity back to agriculture: Smaller fields and non-crop elements enhance biodiversity in intensively managed arable farmlands. *ECOLOGICAL INDICATORS* 90, 65–73.
- Salmona, J., K. M. Dixon, and S. C. Banks (2018). The effects of fire history on hollow-bearing tree abundance in montane and subalpine eucalypt forests in southeastern australia. *FOREST ECOLOGY and MANAGEMENT* 428, 93–103.
- Sann, C., P. Theodorou, K. L. Heong, S. Villareal, J. Settele, S. Vidal, and C. Westphal (2018). Hopper parasitoids do not significantly benefit from non-crop habitats in rice production landscapes. *AGRICULTURE ECOSYSTEMS AND ENVIRONMENT* 254, 224–232.
- Sardinas, H. S., L. C. Ponisio, and C. Kremen (2016). Hedgerow presence does not enhance indicators of nest-site habitat quality or nesting rates of ground-nesting bees. *RESTORATION ECOLOGY* 24, 499–505.
- Schar, S., L. L. M. Larsen, N. V. Meyling, and D. R. Nash (2015). Reduced entomopathogen abundance in myrmica ant nests-testing a possible immunological benefit of myrmecophily using galleria mellonella as a model. *ROYAL SOCIETY OPEN SCIENCE* 2, –.

- Schindler, D. E., K. Jankowski, Z. T. A'mar, and G. W. Holtgrieve (2017). Two-stage metabolism inferred from diel oxygen dynamics in aquatic ecosystems. *ECOSPHERE* 8, –.
- Schneider, S., T. Tajrin, J. O. Lundstrom, N. B. Hendriksen, P. Melin, and I. Sundh (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? *MICROBIAL ECOLOGY* 74, 901–909.
- Schrobback, P., S. Pascoe, and L. Cogan (2014). Impacts of introduced aquaculture species on markets for native marine aquaculture products: The case of edible oysters in australia. *AQUACULTURE ECONOMICS AND MANAGEMENT* 18, 248–272.
- Schuerman, W. L., A. Meyer, and J. M. McQueen (2015). Do we perceive others better than ourselves? a perceptual benefit for noise-vocoded speech produced by an average speaker. *PLOS ONE* 10, –.
- Schultz, L. D., B. E. Chasco, S. L. Whitlock, M. H. Meeuwig, and C. B. Schreck (2017). Growth and annual survival estimates to examine the ecology of larval lamprey and the implications of ageing error in fitting models. *JOURNAL of FISH BIOLOGY* 90, 1305–1320.
- Scribner, K., I. Tsehay, T. Brenden, W. Stott, J. Kanefsky, and J. Bence (2018). Hatchery strain contributions to emerging wild lake trout populations in lake huron. *JOURNAL of HEREDITY* 109, 675–688.
- Seeber, P. A., B. Quintard, F. Sicks, M. Dehnhard, A. D. Greenwood, and M. Franz (2018). Environmental stressors may cause equine herpesvirus reactivation in captive grevy's zebras (equus grevyi). *PEERJ* 6, –.
- 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. *BIOLOGICAL CONSERVATION* 192, 20–29.
- Sharma, R., A. Langley, M. Herrera, J. Geehan, and S.-Y. Hyun (2014). Investigating the influence of length-frequency data on the stock assessment of indian ocean bigeye tuna. *FISHERIES RESEARCH* 158, 50–62.

- Shaver, J. H., M. Lang, J. Kratky, E. K. Klocova, R. Kundt, and D. Xygalatas (2018). The boundaries of trust: Cross-religious and cross-ethnic field experiments in mauritius. *EVOLUTIONARY PSYCHOLOGY* 16, –.
- Shen, Y. and Y. Dai (2018). Fast automatic differentiation for large scale bundle adjustment. *IEEE ACCESS* 6, 11146–11153.
- Shimada, T., C. Limpus, R. Jones, J. Hazel, R. Groom, and M. Hamann (2016). Sea turtles return home after intentional displacement from coastal foraging areas. *MARINE BIOLOGY* 163, –.
- Shive, K. L., B. L. Estes, A. M. White, H. D. Safford, K. L. O’Hara, and S. L. Stephens (2017). Rice straw mulch for post-fire erosion control: assessing non-target effects on vegetation communities. *INTERNATIONAL JOURNAL of WILDLAND FIRE* 26, 538–550.
- 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. *FISHERIES RESEARCH* 192, 103–113.
- Siddeek, M. S. M., J. Zheng, A. E. Punt, and V. Vanek (2016). Estimation of size-transition matrices with and without molt probability for alaska golden king crab using tag-recapture data. *FISHERIES RESEARCH* 180, 161–168.
- Siddle, K. J., L. Tailleux, M. Deschamps, Y.-H. E. Loh, C. Deluen, B. Gicquel, C. Antoniewski, L. B. Barreiro, L. Farinelli, and L. Quintana-Murci (2015). Bacterial infection drives the expression dynamics of micrnas and their isomirs. *PLOS GENETICS* 11, –.
- Siegfried, K. I., E. H. Williams, K. W. Shertzer, and L. G. Coggins (2016). Improving stock assessments through data prioritization. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 73, 1703–1711.
- Silverthorn, V. M., C. A. Bishop, J. E. Elliott, and C. A. Morrissey (2018). An assessment of run-of-river hydroelectric dams on mountain stream ecosystems using the american dipper as an avian indicator. *ECOLOGICAL INDICATORS* 93, 942–951.

- Simkanin, C., I. C. Davidson, T. W. Therriault, G. Jamieson, and J. F. Dower (2017). Manipulating propagule pressure to test the invasibility of subtidal marine habitats. *BIOLOGICAL INVASIONS* 19, 1565–1575.
- Sinclair, J. P., Y. Kameyama, A. Shibata, and G. Kudo (2016). Male-biased hermaphrodites in a gynodioecious shrub, *daphne jezoensis*. *PLANT BIOLOGY* 18, 859–867.
- Sinclair, J. S. and S. E. Arnott (2016). Strength in size not numbers: propagule size more important than number in sexually reproducing populations. *BIOLOGICAL INVASIONS* 18, 497–505.
- Sinclair, J. S. and S. E. Arnott (2017). Relative importance of colonist quantity, quality, and arrival frequency to the extinction of two zooplankton species. *OECOLOGIA* 184, 441–452.
- Sinclair, J. S., K. J. Furlanetto, and S. E. Arnott (2015). Dispersal acts as both bane and balm for invaded zooplankton communities. *JOURNAL of PLANKTON RESEARCH* 37, 462–471.
- Sinnemaki, K. and F. 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. *FRONTIERS in PSYCHOLOGY* 9, –.
- Sippel, T., J. P. Eveson, B. Galuardi, C. Lam, S. Hoyle, M. Maunder, P. Kleiber, F. Carvalho, V. Tsontos, S. L. H. Teo, A. Aires-da Silva, and S. Nicol (2015). Using movement data from electronic tags in fisheries stock assessment: A review of models, technology and experimental design. *FISHERIES RESEARCH* 163, 152–160.
- Siren, A. P. K., P. J. Pekins, M. J. Ducey, and J. R. Kilborn (2016). Spatial ecology and resource selection of a high-elevation american marten (*martes americana*) population in the northeastern united states. *CANADIAN JOURNAL of ZOOLOGY* 94, 169–180.
- Sitar, S. P., T. O. Brenden, J. X. He, and J. E. Johnson (2017). Recreational postrelease mortality of lake trout in lakes superior and huron. *NORTH AMERICAN JOURNAL of FISHERIES MANAGEMENT* 37, 789–808.

- Sivakoff, F. S., W. F. Morris, E. T. Aschehoug, B. R. Hudgens, and N. M. Haddad (2016). Habitat restoration alters adult butterfly morphology and potential fecundity through effects on host plant quality. *ECOSPHERE* 7, –.
- Siviter, H., M. J. F. Brown, and E. Leadbeater (2018). Sulfoxaflor exposure reduces bumblebee reproductive success. *NATURE* 561, 109–+.
- Skanberg, L., O. Gauffin, Y. Norling, J. Lindsjö, and L. J. Keeling (2018). Cage size affects comfort, safety and the experienced security of working dogs in cars. *APPLIED ANIMAL BEHAVIOUR SCIENCE* 205, 132–140.
- Slemaker, A., H. C. Espeleta, Z. Heidari, S. B. Bohora, and J. F. Silovsky (2017). Childhood injury prevention: Predictors of home hazards in latino families enrolled in safecare (r). *JOURNAL of PEDIATRIC PSYCHOLOGY* 42, 738–747.
- Smith, J. A., W. K. Cornwell, M. B. Lowry, and I. M. Suthers (2017). Modelling the distribution of fish around an artificial reef. *MARINE and FRESHWATER RESEARCH* 68, 1955–1964.
- Sougoufara, S., O. Thiaw, A. Cailleau, N. Diagne, M. Harry, C. Bouganali, P. M. Sembene, S. Doucoure, and C. Sokhna (2018). The impact of periodic distribution campaigns of long-lasting insecticidal-treated bed nets on malaria vector dynamics and human exposure in dielmo, senegal. *AMERICAN JOURNAL of TROPICAL MEDICINE and HYGIENE* 98, 1343–1352.
- Sparkman, G. and G. M. Walton (2017). Dynamic norms promote sustainable behavior, even if it is counternormative. *PSYCHOLOGICAL SCIENCE* 28, 1663–1674.
- Stafford, C. A., R. F. Preziosi, and W. I. Sellers (2017). A pan-neotropical analysis of hunting preferences. *BIODIVERSITY and CONSERVATION* 26, 1877–1897.
- Stamoulis, K. A., A. M. Friedlander, C. G. Meyer, I. Fernandez-Silva, and R. J. Toonen (2017). Coral reef grazer-benthos dynamics complicated by invasive algae in a small marine reserve. *SCIENTIFIC REPORTS* 7, –.

- Starik, N., T. Goettert, E. Heitlinger, and U. Zeller (2018). Bat community responses to structural habitat complexity resulting from management practices within different land use types - a case study from north-eastern germany. *ACTA CHIROPTEROLOGICA* 20, 387–405.
- Staudacher, H., S. B. J. Menken, and A. T. Groot (2015). Effects of immune challenge on the oviposition strategy of anoctuid moth. *JOURNAL of EVOLUTIONARY BIOLOGY* 28, 1568–1577.
- Stavert, J. R., D. E. Pattemore, A. C. Gaskett, J. R. Beggs, and I. Bartomeus (2017). Exotic species enhance response diversity to land-use change but modify functional composition. *PROCEEDINGS of the ROYAL SOCIETY B-BIOLOGICAL SCIENCES* 284, –.
- Stenberg, C., J. G. Stottrup, M. van Deurs, C. W. Berg, G. E. Dinesen, H. Mosegaard, T. M. Grome, and S. B. Leonhard (2015). Long-term effects of an offshore wind farm in the north sea on fish communities. *MARINE ECOLOGY PROGRESS SERIES* 528, 257–265.
- Stephenson, J. F., S. E. Perkins, and J. Cable (2018). Transmission risk predicts avoidance of infected conspecifics in trinidadian guppies. *JOURNAL of ANIMAL ECOLOGY* 87, 1525–1533.
- Stephenson, J. F., K. A. Young, J. Fox, J. Jokela, J. Cable, and S. E. Perkins (2017). Host heterogeneity affects both parasite transmission to and fitness on subsequent hosts. *PHILOSOPHICAL TRANSACTIONS of the ROYAL SOCIETY B-BIOLOGICAL SCIENCES* 372, –.
- Stevenson, B. C., D. L. Borchers, R. Altwegg, R. J. Swift, D. M. Gillespie, and G. J. Measey (2015). A general framework for animal density estimation from acoustic detections across a fixed microphone array. *Methods in Ecology and Evolution* 6, 38–48.
- Stewart, I. J. and C. C. Monnahan (2017). Implications of process error in selectivity for approaches to weighting compositional data in fisheries stock assessments. *FISHERIES RESEARCH* 192, 126–134.
- Stirrup, O. T., A. G. Babiker, J. R. Carpenter, and A. J. Copas (2016). Fractional brownian motion and multivariate-t models for longitudinal biomedical data, with application to cd4 counts in hiv-positive patients. *STATISTICS in MEDICINE* 35, 1514–1532.

- Stirrup, O. T., A. G. Babiker, and A. J. Copas (2016). Combined models for pre- and post-treatment longitudinal biomarker data: an application to cd4 counts in hiv-patients. *BMC MEDICAL RESEARCH METHODOLOGY* 16, –.
- Stirrup, O. T., A. J. Copas, A. N. Phillips, M. J. Gill, R. B. Geskus, G. Touloumi, J. Young, H. C. Bucher, and A. G. Babiker (2018). Predictors of cd4 cell recovery following initiation of antiretroviral therapy among hiv-1 positive patients with well-estimated dates of seroconversion. *HIV MEDICINE* 19, 184–194.
- Streitberger, M., C. Schmidt, and T. Fartmann (2017). Contrasting response of vascular plant and bryophyte species assemblages to a soil-disturbing ecosystem engineer in calcareous grasslands. *ECOLOGICAL ENGINEERING* 99, 391–399.
- Stubnova, E., I. Hodalova, J. Kucera, L. Martonfiova, M. Svitok, and M. Slovak (2017). Karyological patterns in the european endemic genus soldanella l.: Absolute genome size variation uncorrelated with cytotype chromosome numbers. *AMERICAN JOURNAL of BOTANY* 104, 1241–1253.
- Subbey, S. (2018). Parameter estimation in stock assessment modelling: caveats with gradient-based algorithms. *ICES JOURNAL of MARINE SCIENCE* 75, 1553–1559.
- Sugasawa, S., B. C. Klump, J. J. H. St Clair, and C. Rutz (2017). Causes and consequences of tool shape variation in new caledonian crows. *CURRENT BIOLOGY* 27, 3885–+.
- Sunshine, J. E., L. Dwyer-Lindgren, A. Chen, S. R. Sharar, E. B. Palmisano, E. M. Bulger, and A. H. Mokdad (2018). Alcohol-impaired driving in us counties, 2002-2012. *POPULATION HEALTH METRICS* 16, –.
- Suter, T. T., E. Flacio, B. F. Farina, L. Engeler, M. Tonolla, L. N. Regis, M. A. V. de Melo Santos, and P. Mueller (2016). Surveillance and control of aedes albopictus in the swiss-italian border region: Differences in egg densities between intervention and non-intervention areas. *PLOS NEGLECTED TROPICAL DISEASES* 10, –.
- Symes, W. S., M. Rao, M. B. Mascia, and L. R. Carrasco (2016). Why do we lose protected areas? factors influencing protected area downgrading,

- downsizing and degazettement in the tropics and subtropics. *GLOBAL CHANGE BIOLOGY* 22, 656–665.
- Szigeti, V., A. Koroesi, A. Harnos, and J. Kis (2018). Temporal changes in floral resource availability and flower visitation in a butterfly. *ARTHROPOD-PLANT INTERACTIONS* 12, 177–189.
- Szipl, G., M. Boeckle, C. A. F. Wascher, M. Spreafico, and T. Bugnyar (2015). With whom to dine? ravens’ responses to food-associated calls depend on individual characteristics of the caller. *ANIMAL BEHAVIOUR* 99, 33–42.
- Szipl, G., E. Ringler, and T. Bugnyar (2018). Attacked ravens flexibly adjust signalling behaviour according to audience composition. *PROCEEDINGS of the ROYAL SOCIETY B-BIOLOGICAL SCIENCES* 285, –.
- Szuwalski, C. S., M. Castrejon, D. Ovando, and B. Chasco (2016). An integrated stock assessment for red spiny lobster (*panulirus penicillatus*) from the galapagos marine reserve. *FISHERIES RESEARCH* 177, 82–94.
- Szuwalski, C. S., J. N. Ianelli, and A. E. Punt (2018). Reducing retrospective patterns in stock assessment and impacts on management performance. *ICES JOURNAL of MARINE SCIENCE* 75, 596–609.
- Szuwalski, C. S. and A. 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. *FISHERIES RESEARCH* 164, 135–142.
- Takkis, K., T. Tscheulin, and T. Petanidou (2018). Differential effects of climate warming on the nectar secretion of early- and late-flowering mediterranean plants. *FRONTIERS in PLANT SCIENCE* 9, –.
- Takkis, K., T. Tscheulin, P. Tsalkatis, and T. Petanidou (2015). Climate change reduces nectar secretion in two common mediterranean plants. *AOB PLANTS* 7, –.
- Taylor, K. T., B. D. Maxwell, D. B. McWethy, A. Pauchard, M. A. Nunez, and C. Whitlock (2017). *Pinus contorta* invasions increase wildfire fuel loads and may create a positive feedback with fire. *ECOLOGY* 98, 678–687.

- Taylor, K. T., B. D. Maxwell, A. Pauchard, M. A. Nunez, D. A. Peltzer, A. Terwei, and L. J. Rew (2016). Drivers of plant invasion vary globally: evidence from pine invasions within six ecoregions. *GLOBAL ECOLOGY and BIOGEOGRAPHY* 25, 96–106.
- Thiele, J., S. Kellner, S. Buchholz, and J. Schirmel (2018). Connectivity or area: what drives plant species richness in habitat corridors? *LANDSCAPE ECOLOGY* 33, 173–181.
- Thompson, F. J., H. H. Marshall, E. I. K. Vitikainen, and M. A. Cant (2017). Causes and consequences of intergroup conflict in cooperative banded mongooses. *ANIMAL BEHAVIOUR* 126, 31–40.
- Thomson, D. M., R. Cruz-de Hoyos, K. Cummings, and E. L. Schultz (2016). Why are native annual abundances low in invaded grasslands? testing the effects of competition and seed limitation. *PLANT ECOLOGY* 217, 431–442.
- Thorson, J. T. (2018). Three problems with the conventional delta-model for biomass sampling data, and a computationally efficient alternative. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 75, 1369–1382.
- Thorson, J. T. (2019a). Forecast skill for predicting distribution shifts: A retrospective experiment for marine fishes in the eastern bering sea. *FISH and FISHERIES* 20, 159–173.
- Thorson, J. T. (2019b). Guidance for decisions using the vector autoregressive spatio-temporal (vast) package in stock, ecosystem, habitat and climate assessments. *FISHERIES RESEARCH* 210, 143–161.
- Thorson, J. T. and L. A. K. Barnett (2017). Comparing estimates of abundance trends and distribution shifts using single- and multispecies models of fishes and biogenic habitat. *ICES JOURNAL of MARINE SCIENCE* 74, 1311–1321.
- Thorson, J. T., A. C. Hicks, and R. D. Methot (2015). Random effect estimation of time-varying factors in stock synthesis. *ICES JOURNAL of MARINE SCIENCE* 72, 178–185.

- Thorson, J. T., J. N. Ianelli, and S. Kotwicki (2017). The relative influence of temperature and size-structure on fish distribution shifts: A case-study on walleye pollock in the bering sea. *FISH and FISHERIES* 18, 1073–1084.
- Thorson, J. T., J. N. Ianelli, E. A. Larsen, L. Ries, M. D. Scheuerell, C. Szuwalski, and E. F. Zipkin (2016). Joint dynamic species distribution models: a tool for community ordination and spatio-temporal monitoring. *GLOBAL ECOLOGY and BIOGEOGRAPHY* 25, 1144–1158.
- Thorson, J. T., S. B. Munch, J. M. Cope, and J. Gao (2017). Predicting life history parameters for all fishes worldwide. *ECOLOGICAL APPLICATIONS* 27, 2262–2276.
- Thorson, J. T., S. B. Munch, and D. P. Swain (2017). Estimating partial regulation in spatiotemporal models of community dynamics. *ECOLOGY* 98, 1277–1289.
- Thorson, J. T., A. Rindorf, J. Gao, D. H. Hanselman, and H. Winker (2016). Density-dependent changes in effective area occupied for sea-bottom-associated marine fishes. *PROCEEDINGS of the ROYAL SOCIETY B-BIOLOGICAL SCIENCES* 283, –.
- Thorson, J. T., M. D. Scheuerell, J. D. Olden, and D. E. Schindler (2018). Spatial heterogeneity contributes more to portfolio effects than species variability in bottom-associated marine fishes. *PROCEEDINGS of the ROYAL SOCIETY B-BIOLOGICAL SCIENCES* 285, –.
- Thygesen, U. H., C. M. Albertsen, C. W. Berg, K. Kristensen, and A. Nielsen (2017a). Validation of ecological state space models using the laplace approximation. *ENVIRONMENTAL and ECOLOGICAL STATISTICS* 24, 317–339.
- Thygesen, U. H., C. M. Albertsen, C. W. Berg, K. Kristensen, and A. Nielsen (2017b). Validation of ecological state space models using the laplace approximation. *ENVIRONMENTAL and ECOLOGICAL STATISTICS* 24, 317–339.
- Titcomb, G., B. F. Allan, T. Ainsworth, L. Henson, T. Hedlund, R. M. Pringle, T. M. Palmer, L. Njoroge, M. G. Campana, R. C. Fleischer, J. N. Mantas, and H. S. Young (2017). Interacting effects of wildlife loss and

- climate on ticks and tick-borne disease. *PROCEEDINGS of the ROYAL SOCIETY B-BIOLOGICAL SCIENCES* 284, –.
- Tocco, C., J. Balmer, and M. Villet (2018). Trophic preference of southern african dung beetles (scarabaeoidea: Scarabaeinae and aphodiinae) and its influence on bioindicator surveys. *AFRICAN JOURNAL of ECOLOGY* 56, 938–948.
- Tocco, C., D. E. A. Quinn, J. M. Midgley, and M. H. Villet (2017). Optimising design and effort for environmental surveys using dung beetles (coleoptera: Scarabaeidae). *CANADIAN ENTOMOLOGIST* 149, 214–226.
- Toll, K. and J. H. Willis (2018). Hybrid inviability and differential submergence tolerance drive habitat segregation between two congeneric mon-keyflowers. *ECOLOGY* 99, 2776–2786.
- Tomaseto, A. F., R. N. Marques, A. Fereres, O. Z. Zanardi, H. X. L. Volpe, B. Alquezar, L. Pena, and M. P. Miranda (2019). Orange jasmine as a trap crop to control diaphorina citri. *SCIENTIFIC REPORTS* 9, –.
- Torres-Muros, L., J. A. Hodar, and R. Zamora (2017). Effect of habitat type and soil moisture on pupal stage of a mediterranean forest pest (thaumetopoea pityocampa). *AGRICULTURAL and FOREST ENTOMOLOGY* 19, 130–138.
- Treitler, J. T., J. Buse, G. M. Carpaneto, S. Zerbe, and J. Mantilla-Contreras (2017). Effects of dung-pad conditions and density on coprophagous beetle assemblages in a mediterranean rangeland. *BIODIVERSITY and CONSERVATION* 26, 1431–1444.
- Trnka, A. and M. Pozgayova (2017). Does conspicuous colouration of magpies pica pica influence aggressive behaviour in nesting great reed warblers acrocephalus arundinaceus? *BIRD STUDY* 64, 108–111.
- Trochet, A., H. Le Chevalier, O. Calvez, L. Barthe, F. Isselin-Nondedeu, D. Picard, M. Debelgarric, N. Pegourie, R. Rocher, and A. Riberon (2017). Postbreeding movements in marbled newts (caudata, salamandridae): A comparative radiotracking study in two habitat types. *HERPETOLOGICA* 73, 1–9.

- Truesdell, S. B., J. R. Bence, J. M. Syslo, and M. P. Ebener (2017). Estimating multinomial effective sample size in catch-at-age and catch-at-size models. *FISHERIES RESEARCH* 192, 66–83.
- Truesdell, S. B., D. R. Hart, and Y. Chen (2017). Effects of unequal capture probability on stock assessment abundance and mortality estimates: an example using the us atlantic sea scallop fishery. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 74, 1904–1917.
- Tryjanowski, P. and F. Morelli (2018). Effects of habitat and time of day on flock size of turkey vultures in cuba (*cathartes aura*). *ZOOKEYS*, 79–86.
- Tryjanowski, P., F. Morelli, T. S. Osiejuk, and A. P. Moller (2018). Functional significance of cuckoo *cuculus canorus* calls: responses of conspecifics, hosts and non-hosts. *PEERJ* 6, –.
- Trzcinski, M. K. and W. D. Bowen (2016). The recovery of atlantic halibut: a large, long-lived, and exploited marine predator. *ICES JOURNAL of MARINE SCIENCE* 73, 1104–1114.
- Tsai, W.-P., C.-L. Sun, A. E. Punt, and K.-M. Liu (2014). Demographic analysis of the shortfin mako shark, *isurus oxyrinchus*, in the northwest pacific using a two-sex stage-based matrix model. *ICES JOURNAL of MARINE SCIENCE* 71, 1604–1618.
- Tsehaye, I., T. O. Brenden, J. R. Bence, W. Liu, K. T. Scribner, J. Kanefsky, K. Bott, and R. F. Elliott (2016). Combining genetics with age/length data to estimate temporal changes in year-class strength of source populations contributing to mixtures. *FISHERIES RESEARCH* 173, 236–249.
- Tsehaye, I., B. M. Roth, and G. G. Sass (2016). Exploring optimal wall-eye exploitation rates for northern wisconsin ceded territory lakes using a hierarchical bayesian age-structured model. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 73, 1413–1433.
- Tulloch, V. J. D., E. E. Plaganyi, R. Matear, C. J. Brown, and A. J. Richardson (2018). Ecosystem modelling to quantify the impact of historical whaling on southern hemisphere baleen whales. *FISH and FISHERIES* 19, 117–137.

- Turner, J. W., P. S. Bills, and K. E. Holekamp (2018). Ontogenetic change in determinants of social network position in the spotted hyena. *BEHAVIORAL ECOLOGY and SOCIOBIOLOGY* 72, –.
- Turner, T. R., C. A. Schmitt, J. D. Cramer, J. Lorenz, J. P. Grobler, C. J. Jolly, and N. B. Freimer (2018). Morphological variation in the genus *chlorocebus*: Ecogeographic and anthropogenically mediated variation in body mass, postcranial morphology, and growth. *AMERICAN JOURNAL of PHYSICAL ANTHROPOLOGY* 166, 682–707.
- Uchiyama, T., G. H. Kruse, and F. J. Mueter (2016). A multispecies biomass dynamics model for investigating predator-prey interactions in the bering sea groundfish community. *DEEP-SEA RESEARCH PART II-TOPICAL STUDIES in OCEANOGRAPHY* 134, 331–349.
- Urbanowicz, C., R. A. Virginia, and R. E. Irwin (2018). Pollen limitation and reproduction of three plant species across a temperature gradient in western greenland. *ARCTIC ANTARCTIC and ALPINE RESEARCH* 50, –.
- Vale, R. T. R., R. M. Fewster, E. L. Carroll, and N. J. Patenaude (2014). Maximum likelihood estimation for model m-t,m-alpha for capture-recapture data with misidentification. *BIOMETRICS* 70, 962–971.
- Van Beveren, E., D. Duplisea, M. Castonguay, T. Doniol-Valcroze, S. Plourde, and N. Cadigan (2017). How catch underreporting can bias stock assessment of and advice for northwest atlantic mackerel and a possible resolution using censored catch. *FISHERIES RESEARCH* 194, 146–154.
- van Bussell, E. F., E. Richard, D. L. Arts, A. C. J. Nooyens, P. M. Coloma, M. W. M. de Waal, M. van den Akker, M. C. J. Biermans, M. M. J. Nielen, K. van Boven, H. Smeets, F. E. Matthews, C. Brayne, W. B. Busschers, W. A. van Gool, and E. P. M. van Charente (2017). Dementia incidence trend over 1992-2014 in the netherlands: Analysis of primary care data. *PLOS MEDICINE* 14, –.
- van der Zee, E. M., E. Tielens, S. Holthuijsen, S. Donadi, B. K. Eriksson, H. W. van der Veer, T. Piersma, H. Olff, and T. van der Heide (2015).

- Habitat modification drives benthic trophic diversity in an intertidal soft-bottom ecosystem. *JOURNAL of EXPERIMENTAL MARINE BIOLOGY and ECOLOGY* 465, 41–48.
- van Orden, M. L., M. L. Deen, P. Spinhoven, J. Haffmans, and E. Hoencamp (2015). Five-year mental health care use by patients referred to collaborative care or to specialized care. *PSYCHIATRIC SERVICES* 66, 840–844.
- Van Wilgenburg, S. L., K. A. Hobson, K. J. Kardynal, and E. M. Beck (2018). Temporal changes in avian abundance in aspen-dominated boreal mixed-wood forests of central saskatchewan, canada. *AVIAN CONSERVATION and ECOLOGY* 13, –.
- Vandergoot, C. S. and T. 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. *FISHERIES RESEARCH* 164, 8–25.
- Vaudor, L., N. Lamouroux, J.-M. Olivier, and M. Forcellini (2015). How sampling influences the statistical power to detect changes in abundance: an application to river restoration. *FRESHWATER BIOLOGY* 60, 1192–1207.
- Veliz de Vos, M., B. Rizzo, J. Luis Salas-Herrera, and R. Roa-Ureta (2018). left sentences processing in spanish: effects of age, working memory, syntactic complexity and a concurrent memory load. *ALPHA-REVISTA DE ARTES LETRAS Y FILOSOFIA*, 175–197.
- Vetter, S. G., C. Brandstaetter, M. Macheiner, F. Suchentrunk, H. Gerritsmann, and C. Bieber (2016). Shy is sometimes better: personality and juvenile body mass affect adult reproductive success in wild boars, *sus scrofa*. *ANIMAL BEHAVIOUR* 115, 193–205.
- Vicente, N. S. and M. Halloy (2017). Interaction between visual and chemical cues in a *liolaemus* lizard: a multimodal approach. *ZOOLOGY* 125, 24–28.
- Vidal, T. E., B. J. Irwin, T. Wagner, L. G. Rudstam, J. R. Jackson, and J. R. Bence (2017). Using variance structure to quantify responses to perturbation in fish catches. *TRANSACTIONS of the AMERICAN FISHERIES SOCIETY* 146, 584–593.

- Villacorta, P. J. (2017). The welchadf package for robust hypothesis testing in unbalanced multivariate mixed models with heteroscedastic and non-normal data. *R JOURNAL* 9, 309–328.
- Vincent, M. T., T. O. Brenden, and J. 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. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 74, 1930–1949.
- Vincenzi, S., A. J. Crivelli, S. Munch, H. J. Skaug, and M. Mangel (2016). Trade-offs between accuracy and interpretability in von bertalanffy random-effects models of growth. *ECOLOGICAL APPLICATIONS* 26, 1535–1552.
- Vincenzi, S., M. Jesensek, and A. 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. *ROYAL SOCIETY OPEN SCIENCE* 5, –.
- Virtanen, S., I. Kalliala, P. Nieminen, and A. Salonen (2017). Comparative analysis of vaginal microbiota sampling using 16s rrna gene analysis. *PLOS ONE* 12, –.
- Vogels, J. J., W. C. E. P. Verberk, L. P. M. Lamers, and H. Siepel (2017). Can changes in soil biochemistry and plant stoichiometry explain loss of animal diversity of heathlands? *BIOLOGICAL CONSERVATION* 212, 432–447.
- von Buedingen, F., M. S. Hammer, A. D. Meid, W. E. Mueller, F. M. Gerlach, and C. Muth (2018). Changes in prescribed medicines in older patients with multimorbidity and polypharmacy in general practice. *BMC FAMILY PRACTICE* 19, –.
- Wagner, S., V. Guidi, P. R. Torgerson, A. Mathis, and F. Schaffner (2018). Diversity and seasonal abundances of mosquitoes at potential arboviral transmission sites in two different climate zones in switzerland. *MEDICAL and VETERINARY ENTOMOLOGY* 32, 175–185.

- Wakabayashi, K., M. Oguro, T. Itagaki, and S. Sakai (2018). Floral-induced and constitutive defense against florivory: a comparison of chemical traits in 12 herb species. *PLANT ECOLOGY* 219, 985–997.
- Walker, S. C. (2015). Indirect gradient analysis by markov-chain monte carlo. *PLANT ECOLOGY* 216, 697–708.
- Wang, G. (2019). Machine learning for inferring animal behavior from location and movement data. *ECOLOGICAL INFORMATICS* 49, 69–76.
- Wang, S., N. G. Cadigan, and H. P. Benoit (2017a). Inference about regression parameters using highly stratified survey count data with overdispersion and repeated measurements. *JOURNAL of APPLIED STATISTICS* 44, 1013–1030.
- Wang, S., N. G. Cadigan, and H. P. Benoit (2017b). Inference about regression parameters using highly stratified survey count data with overdispersion and repeated measurements. *JOURNAL of APPLIED STATISTICS* 44, 1013–1030.
- Wang, S.-P., M. N. Maunder, T. Nishida, and Y.-R. Chen (2015). Influence of model misspecification, temporal changes, and data weighting in stock assessment models: Application to swordfish (*xiphias gladius*) in the indian ocean. *FISHERIES RESEARCH* 166, 119–128.
- Watkins, C. J., B. S. Stevens, M. C. Quist, B. B. Shepard, and S. C. Ireland (2015). Patterns of fish assemblage structure and habitat use among main- and side-channel environments in the lower kootenai river, idaho. *TRANSACTIONS of the AMERICAN FISHERIES SOCIETY* 144, 1340–1355.
- Wells, D. A., M. A. Cant, H. J. Nichols, and J. I. Hoffman (2018). A high-quality pedigree and genetic markers both reveal inbreeding depression for quality but not survival in a cooperative mammal. *MOLECULAR ECOLOGY* 27, 2271–2288.
- Weston-Price, S., V. Copley, H. Smith, and G. M. Davies (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. *COMMUNITY DENTAL HEALTH* 35, 217–+.

- Wetzel, W. C., N. C. Aflitto, and J. S. Thaler (2018). Plant genotypic diversity interacts with predation risk to influence an insect herbivore across its ontogeny. *ECOLOGY* 99, 2338–2347.
- Wetzel, W. C., R. M. Screen, I. Li, J. McKenzie, K. A. Phillips, M. Cruz, W. Zhang, A. Greene, E. Lee, N. Singh, C. Tran, and L. H. Yang (2016). Ecosystem engineering by a gall-forming wasp indirectly suppresses diversity and density of herbivores on oak trees. *ECOLOGY* 97, 427–438.
- Wetzel, W. C. and D. R. Strong (2015). Host selection by an insect herbivore with spatially variable density dependence. *OECOLOGIA* 179, 777–784.
- Whoriskey, K., M. Auger-Methe, C. M. Albertsen, F. G. Whoriskey, T. R. Binder, C. C. Krueger, and J. M. Flemming (2017). A hidden markov movement model for rapidly identifying behavioral states from animal tracks. *ECOLOGY and EVOLUTION* 7, 2112–2121.
- Whyte, S. K., D. Jimenez, C. W. Revie, and K. L. Hammell (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. *AQUACULTURE* 450, 301–307.
- Widerberg, M. K., T. Ranius, I. Drobyshev, and M. Lindbladh (2018). Oaks retained in production spruce forests help maintain saproxylic beetle diversity in southern scandinavian landscapes. *FOREST ECOLOGY and MANAGEMENT* 417, 257–264.
- Wiegardt, A., J. Wolfe, C. J. Ralph, J. L. Stephens, and J. Alexander (2017). Postbreeding elevational movements of western songbirds in northern california and southern oregon. *ECOLOGY and EVOLUTION* 7, 7750–7764.
- Wilkin, K. M., L. C. Ponisio, D. L. Fry, C. L. Tubbesing, J. B. Potts, and S. L. Stephens (2017). Decade-long plant community responses to shrubland fuel hazard reduction. *FIRE ECOLOGY* 13, 105–136.
- Williams, B. C., G. H. Kruse, and M. 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. *PLOS ONE* 11, –.

- Williams, D. E., M. W. Miller, A. J. Bright, R. E. Pausch, and A. Valdivia (2017). Thermal stress exposure, bleaching response, and mortality in the threatened coral *Acropora palmata* and its. *MARINE POLLUTION BULLETIN* 124, 189–197.
- Winfrey, M. M., E. Hood, S. L. Stuefer, D. E. Schindler, T. J. Cline, C. D. Arp, and S. Pyare (2018). Landcover and geomorphology influence streamwater temperature sensitivity in salmon bearing watersheds in southeast Alaska. *ENVIRONMENTAL RESEARCH LETTERS* 13, –.
- Winton, M. V., G. Fay, H. L. Haas, M. Arendt, S. Barco, M. C. James, C. Sasso, and R. Smolowitz (2018). Estimating the distribution and relative density of satellite-tagged loggerhead sea turtles using geostatistical mixed effects models. *MARINE ECOLOGY PROGRESS SERIES* 586, 217–232.
- Winton, M. V., J. Kneebone, D. R. Zemeckis, and G. Fay (2018). A spatial point process model to estimate individual centres of activity from passive acoustic telemetry data. *METHODS in ECOLOGY and EVOLUTION* 9, 2262–2272.
- Wojdak, J. M., R. M. Edman, J. A. Wyderko, S. A. Zemmer, and L. K. Belden (2014). Host density and competency determine the effects of host diversity on trematode parasite infection. *PLOS ONE* 9, –.
- Wollin, M., T. Pizzari, K. Spagnolo, M. Welvaert, and K. Thorborg (2018). The effects of football match congestion in an international tournament on hip adductor squeeze strength and pain in elite youth players. *JOURNAL of SPORTS SCIENCES* 36, 1167–1172.
- Wood, C. L., J. K. Baum, S. M. W. Reddy, R. Trebilco, S. A. Sandin, B. J. Zgliczynski, A. A. Briggs, and F. Micheli (2015). Productivity and fishing pressure drive variability in fish parasite assemblages of the Line Islands, equatorial Pacific. *ECOLOGY* 96, 1383–1398.
- Wood, C. W., B. L. Pilkington, P. Vaidya, C. Biel, and J. R. Stinchcomb (2018). Genetic conflict with a parasitic nematode disrupts the legume-rhizobia mutualism. *EVOLUTION LETTERS* 2, 233–245.

- Woolley, L.-A., B. P. Murphy, I. J. Radford, J. Westaway, and J. C. Z. Woinarski (2018). Cyclones, fire, and termites: The drivers of tree hollow abundance in northern australia’s mesic tropical savanna. *FOREST ECOLOGY and MANAGEMENT* 419, 146–159.
- Wor, C., M. K. McAllister, S. J. D. Martell, N. G. Taylor, and C. J. Walters (2018). A lagrangian approach to model movement of migratory species. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 75, 1203–1214.
- Wor, C., B. van Poorten, R. Licandeo, and C. J. Walters (2018). Stock reduction analysis using catch-at-length data: Length-sra. *FISHERIES RESEARCH* 208, 124–132.
- Worthington, T. A., P. J. Shaw, J. R. Daffern, and T. E. L. Langford (2015). The effects of a thermal discharge on the macroinvertebrate community of a large british river: implications for climate change. *HYDROBIOLOGIA* 753, 81–95.
- Wright, B. R. and R. J. Fensham (2018). Fire timing in relation to mast-ing: an important determinant of post-fire recruitment success for the obligate-seeding arid zone soft spinifex (*triodia pungens*). *ANNALS of BOTANY* 121, 119–128.
- Wright, B. R., P. K. Latz, and A. F. Zuur (2016). Fire severity medi-ates seedling recruitment patterns in slender mulga (*acacia aptaneura*), a fire-sensitive australian desert shrub with heat-stimulated germination. *PLANT ECOLOGY* 217, 789–800.
- Wrobel, A. and R. Zwolak (2019). Habitat-dependent seed dispersal of an introduced tree species by native rodents. *FOREST ECOLOGY and MAN-AGEMENT* 433, 563–568.
- Wu, P. J., D. Jeyaratnam, O. Tosas, B. S. Cooper, and G. L. French (2017). Point-of-care universal screening for meticillin-resistant *staphylococcus au-reus*: a cluster-randomized cross-over trial. *JOURNAL of HOSPITAL IN-FECTION* 95, 245–252.
- Wyman, K. E. and F. J. Cuthbert (2015). Species identity and nest location predict agonistic interactions at a breeding colony of double-crested cor-

- morants (*phalacrocorax auritus*) and great blue herons (*ardea herodias*). *WATERBIRDS* 38, 201–207.
- Wynne-Jones, G., M. Artus, A. Bishop, S. A. Lawton, M. Lewis, S. Jowett, J. Kigozi, C. Main, G. Sowden, S. Wathall, A. K. Burton, D. A. van der Windt, E. M. Hay, and N. E. Foster (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). *PAIN* 159, 128–138.
- Xavier, R. O., J. G. Alday, R. H. Marrs, and D. M. S. Matos (2016). The role of *pteridium arachnoideum* (kaulf) on the seed bank of the endangered brazilian cerrado. *BRAZILIAN JOURNAL of BIOLOGY* 76, 256–267.
- Xiang, W., X. Lei, and X. Zhang (2016). Modelling tree recruitment in relation to climate and competition in semi-natural *larix-picea-abies* forests in northeast china. *FOREST ECOLOGY and MANAGEMENT* 382, 100–109.
- Xingan and G. Wang (2018). Spatiotemporal dynamics of mesocarnivore populations. *WILDLIFE BIOLOGY* NA, –.
- Xu, H., T. J. Miller, S. Hameed, L. A. Alade, and J. A. Nye (2018). Evaluating the utility of the gulf stream index for predicting recruitment of southern new england-mid atlantic yellowtail flounder. *FISHERIES OCEANOGRAPHY* 27, 85–95.
- Xu, H., J. T. Thorson, R. D. Methot, and I. G. Taylor (2019a). A new semi-parametric method for autocorrelated age- and time-varying selectivity in age- structured assessment models. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 76, 268–285.
- Xu, H., J. T. Thorson, R. D. Methot, and I. G. Taylor (2019b). A new semi-parametric method for autocorrelated age- and time-varying selectivity in age- structured assessment models. *CANADIAN JOURNAL of FISHERIES and AQUATIC SCIENCES* 76, 268–285.
- Ylisirnio, A.-L. and V. Hallikainen (2018). Retention patches maintain diversity of epiphytic and epixylic indicator lichens more effectively than solitary trees. *SCANDINAVIAN JOURNAL of FOREST RESEARCH* 33, 320–331.

- Yong, L., B. E. Woodall, M. E. R. Pierotti, and J. S. McKinnon (2015). Intrasexual competition and throat color evolution in female three-spined sticklebacks. *BEHAVIORAL ECOLOGY* 26, 1030–1038.
- Yrjola, R. A., A. Tanskanen, H. Sarvanne, J. Vickholm, and A. Lehikoinen (2018). Can common forest bird species tolerate disturbances in neighbouring areas? a case study of the vuosaari harbour construction in southern finland. *ORNIS FENNICA* 95, 49–60.
- Yurkowski, D. J., M. Auger-Methe, M. L. Mallory, S. N. P. Wong, G. Gilchrist, A. E. Derocher, E. Richardson, N. J. Lunn, N. E. Hussey, M. Marcoux, R. R. Togunov, A. T. Fisk, L. A. Harwood, R. Dietz, A. Rosing-Asvid, E. W. Born, A. Mosbech, J. Fort, D. Gremillet, L. Loseto, P. R. Richard, J. Iacozza, F. Jean-Gagnon, T. M. Brown, K. H. Westdal, J. Orr, B. LeBlanc, K. J. Hedges, M. A. Treble, S. T. Kessel, P. J. Blanchfield, S. Davis, M. Maftei, N. Spencer, L. McFarlane-Tranquilla, W. A. Montevecchi, B. Bartzen, L. Dickson, C. Anderson, and S. H. Ferguson (2019). Abundance and species diversity hotspots of tracked marine predators across the north american arctic. *DIVERSITY and DISTRIBUTIONS* 25, 328–345.
- Zacks, G., J. Greet, C. J. Walsh, and E. Raulings (2018). The flooding tolerance of two critical habitat-forming wetland shrubs, leptospermum lanigerum and melaleuca squarrosa, at different life history stages. *AUSTRALIAN JOURNAL of BOTANY* 66, 500–510.
- Zarybnicka, M., O. Sedlacek, P. Salo, K. Stastny, and E. Korpimäki (2015). Reproductive responses of temperate and boreal Tengmalm’s owl Aegolius funereus populations to spatial and temporal variation in prey availability. *IBIS* 157, 369–383.
- Zegras, P. C., M. Li, T. Kilic, N. Lozano-Gracia, A. Ghorpade, M. Tiberti, A. I. Aguilera, and F. Zhao (2018). Assessing the representativeness of a smartphone-based household travel survey in Dar es Salaam, Tanzania. *TRANSPORTATION* 45, 335–363.
- Zele, F., J. Denoyelle, O. Duron, and A. Rivero (2018). Can Wolbachia modulate the fecundity costs of Plasmodium in mosquitoes? *PARASITOLOGY* 145, 775–782.

- Zhao, Y. and Y. 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. *NORTH AMERICAN JOURNAL of FISHERIES MANAGEMENT* 37, 1341–1349.
- Zhu, L., D. Finkelstein, C. Gao, L. Shi, Y. Wang, D. Lopez-Terrada, K. Wang, S. Utley, S. Pounds, G. Neale, D. Ellison, A. Onar-Thomas, and R. J. Gilbertson (2016). Multi-organ mapping of cancer risk. *CELL* 166, 1132–+.
- Zimmerman, K., D. Levitis, E. Addicott, and A. Pringle (2016). Selection of pairings reaching evenly across the data (spread): A simple algorithm to design maximally informative fully crossed mating experiments. *HEREDITY* 116, 182–189.
- Zimmerman, K. C. K., D. A. Levitis, and A. Pringle (2016). Beyond animals and plants: dynamic maternal effects in the fungus *neurospora crassa*. *JOURNAL of EVOLUTIONARY BIOLOGY* 29, 1379–1393.
- Zimmermann, F., D. Ricard, and M. Heino (2018). Density regulation in northeast atlantic fish populations: Density dependence is stronger in recruitment than in somatic growth. *JOURNAL of ANIMAL ECOLOGY* 87, 672–681.
- Zufiaurre, E., M. Codesido, A. M. Abba, and D. Bilenca (2017a). The seasonal role of field characteristics on seed-eating bird abundances in agricultural landscapes. *CURRENT ZOOLOGY* 63, 279–286.
- Zufiaurre, E., M. Codesido, A. M. Abba, and D. Bilenca (2017b). The role of stubble type and spilled seed biomass on the abundance of seed-eating birds in agroecosystems. *ARDEOLA* 64, 31–48.