

## Education

- 2014 – 2018    ♦   **Ph.D., University of Sheffield, UK.**  
 2010 – 2013    ♦   **B.A. (Hons) Natural Sciences, University of Cambridge, UK.**

## Professional Appointments

- 2022 – . . . .    ♦   **Assistant Professor**, Department of Biosciences, Durham University, UK.  
 2019 – 2021    ♦   **Postdoctoral Researcher**, Princeton University, USA. **PI:** Prof David Wilcove.  
 2019           ♦   **Postdoctoral Researcher**, University of Florida, USA. **PI:** Dr Brett Scheffers.

## Research Publications (selected)

My **h-index** = 12, **i10-index** = 12, and **total citations** = 3004 (as per Google Scholar Citations).

- 1    Lembrechts, J. J., van den Hoogen, J., Aalto, J., Ashcroft, M. B., . . . , **Senior, R. A.**, . . . Lenoir, J. (2021). Global maps of soil temperature. *Global Change Biology*, n/a(n/a).  
<https://doi.org/https://doi.org/10.1111/gcb.16060>
- 2    Lembrechts, J. J., Aalto, J., Ashcroft, M. B., Frenne, P. D., . . . , **Senior, R. A.**, . . . Nijs, I. (2020). SoilTemp: A global database of near-surface temperature. *Global Change Biology*, n/a(n/a).  
<https://doi.org/10.1111/gcb.15123>
- 3    **Senior, R. A.** (2020). Hot and bothered: The role of behaviour and microclimates in buffering species from rising temperatures. *Journal of Animal Ecology*.
- 4    Jucker, T., Jackson, T., Zellweger, F., Swinfield, T., . . . , **Senior, R. A.**, . . . Coomes, D. A. (2019). A research agenda for microclimate ecology in human-modified tropical forests. *Frontiers in Forests and Global Change*, 2. <https://doi.org/10.3389/ffgc.2019.00092>
- 5    **Senior, R. A.**, Hill, J. K., & Edwards, D. P. (2019a). Global loss of climate connectivity in tropical forests. *Nature Climate Change*.
- 6    **Senior, R. A.**, Hill, J. K., & Edwards, D. P. (2019b). ThermStats: An R package for quantifying surface thermal heterogeneity in assessments of microclimates. *Methods in Ecology and Evolution*.
- 7    **Senior, R. A.**, Hill, J. K., Benedick, S., & Edwards, D. P. (2018). Tropical forests are thermally buffered despite intensive selective logging [**Cover article**]. *Global Change Biology*.
- 8    Scheffers, B. R., Edwards, D. P., Macdonald, S. L., **Senior, R. A.**, Andriamahohatra, L. R., Roslan, N., . . . Williams, S. E. (2017). Extreme thermal heterogeneity in structurally complex tropical rain forests. *Biotropica*, 49(1), 35–44. <https://doi.org/10.1111/btp.12355>
- 9    **Senior, R. A.**, Hill, J. K., González del Pliego, P., Goode, L. K., & Edwards, D. P. (2017). A pantropical analysis of the impacts of forest degradation and conversion on local temperature. *Ecology and Evolution*.
- 10    Magrach, A., **Senior, R. A.**, Rogers, A., Nurdin, D., Benedick, S., Laurance, W. F., . . . Edwards, D. P. (2016). Selective logging in tropical forests decreases the robustness of liana–tree interaction networks to the loss of host tree species. *Proc. R. Soc. B*, 283(1826), 20153008.  
<https://doi.org/10.1098/rspb.2015.3008>
- 11    Newbold, T., Hudson, L. N., Hill, S. L. L., Contu, S., Lysenko, I., **Senior, R. A.**, . . . Purvis, A. (2015). Global effects of land use on local terrestrial biodiversity. *Nature*, 520(7545), 45–50.  
<https://doi.org/10.1038/nature14324>

## Grants and Awards (selected)

- 2022    ♦   **Anglo-Omani Society (£6,000)**, for fieldwork & workshops with Oman Botanic Garden  
 2021    ♦   **HMEI internship funding (USD \$6,600)**, to host an intern in summer 2021  
 2018    ♦   **ACCE Extension for Publication (£3,600)**, to prepare & submit a high impact manuscript  
          ♦   **British Ecological Society travel grant (£500)**, to attend ATBC Annual Meeting  
 2016    ♦   **ACCE Placement Support (£1,500)**, 3-month placement at Rewilding Britain, UK  
          ♦   **Departmental travel fund (£800)**, to attend Conservation Asia 2016

