Russell Dinnage

Research Fellow

Academic Positions

2019-12 - present **Research Associate**, *Institute for Applied Ecology, University of Canberra*, Canberra, AU.

2015-08 - 2019-12 **Postdoctoral Researcher**, *Research School of Biology, Australian National University*, Canberra, AU.

2012-08 - 2014-11 **Postdoctoral Researcher**, *CSIRO Centre for Environment and Life Sciences*, Perth, AU.

Education

11-2013 Ph.D.. University of Toronto

05-2006 B.Sc.. University of Toronto

Publications (as of May 2021)

19. DL Warren, NJ Matzke, M Cardillo, JB Baumgartner, LJ Beaumont, M Turelli, RE Glor, NA Huron, M Simes, TL Iglesias, JC Piquet, R Dinnage (2021). ENMTools 1.0: an R package for comparative ecological biogeography. *Ecography*. 44 (4), 504-511. doi:https://doi.org/10.1111/ecog.05485. **Google Scholar Citations:** 5;
18. A Skeels, R Dinnage, I Medina, M Cardillo (2021). Ecological interactions shape the evolution of flower color in communities across a temperate biodiversity hotspot. *Evolution Letters*. In Press. doi:NA.
17. L Bromham, A Skeels, H Schneemann, R Dinnage, X Hua (2021). There is little evidence that spicy food in hot countries is an adaptation to reducing infection risk. *Nature Human Behaviour*. 1-14. doi:10.1038/s41562-020-01039-8. **Altmetric Score:** 224.55;
16. AM Ritchie, X Hua, M Cardillo, KJ Yaxley, R Dinnage, L Bromham (2021). Phylogenetic diversity metrics from molecular phylogenies: modelling expected degree of error under realistic rate variation. *Diversity and Distributions*. 27 (1), 164-178. doi:https://doi.org/10.1111/ddi.13179.

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15. D Li, R Dinnage, LA Nell, MR Helmus, AR Ives (2020). phyr: An r package for phylogenetic speciesdistribution modelling in ecological communities. *Methods in Ecology and Evolution*. 11 (11), 1455-1463. doi:10.1111/2041-210X.13471. **Google Scholar Citations:** 13; **Altmetric Score:** 72.2;

14. R Dinnage, A Skeels, M Cardillo (2020). Spatiophylogenetic modelling of extinction risk reveals evolutionary distinctiveness and brief flowering period as threats in a hotspot plant genus. *Proceedings of the Royal Society B*. 287 (1926), 20192817. doi:10.1098/rspb.2019.2817. **Google Scholar Citations:** 3; **Altmetric Score:** 18.05;

13. R Dinnage, AK Simonsen, LG Barrett, M Cardillo, N RaisbeckBrown, PH Thrall, SM Prober (2019). Larger plants promote a greater diversity of symbiotic nitrogenfixing soil bacteria associated with an Australian endemic legume. *Journal of Ecology*. 107 (2), 977-991. doi:10.1111/1365-2745.13083. **Google Scholar Citations:** 28; **Altmetric Score:** 1.5;

12. DL Warren, N Matzke, M Cardillo, J Baumgartner, L Beaumont, N Huron, M Simes, R Dinnage (2019). ENMTools (Software Package). *URL: https://github.com/danlwarren/ENMTools. doi*. 10. doi:NA. **Google Scholar Citations:** 27;

11. M Cardillo, R Dinnage, W McAlister (2019). The relationship between environmental niche breadth and geographic range size across plant species. *Journal of Biogeography*. 46 (1), 97-109. doi:10.1111/jbi.13477. **Google Scholar Citations:** 14; **Altmetric Score:** 33.4;

10. DL Warren, LJ Beaumont, R Dinnage, J Baumgartner (2019). New methods for measuring ENM breadth and overlap in environmental space. *Ecography*. 42 (3), 444-446. doi:10.1111/ecog.03900. **Google Scholar Citations:** 12; **Altmetric Score:** 25.1;

9. AK Simonsen, R Dinnage, LG Barrett, SM Prober, PH Thrall (2017). Symbiosis limits establishment of legumes outside their native range at a global scale. *Nature Communications*. 8 (14790). doi:10.1038/ncomms14790. **Google Scholar Citations:** 36; **Altmetric Score:** 60.132;

8. MW Cadotte, SW Livingstone, SLE Yasui, R Dinnage, Jt Li, R Marushia, J Santangelo, W Shu (2017). Explaining ecosystem multifunction with evolutionary models. *Ecology*. 98 (12), 3175-3187. doi:10.1002/ecy.2045. **Google Scholar Citations:** 12; **Altmetric Score:** 10.85;

7. L Bromham, R Dinnage, X Hua (2016). Interdisciplinary research has consistently lower funding success. *Nature*. 534 (7609), 684-687. doi:10.1038/nature18315. **Google Scholar Citations:** 294; **Altmetric Score:** 908.664;

6. R Dinnage (2013). Phylogenetic diversity of plants alters the effect of species richness on invertebrate herbivory. *PeerJ*. 1, e93. doi:10.7717/peerj.93. **Google Scholar Citations:** 18; **Altmetric Score:** 9.65;

5. M Cadotte, R Dinnage, GD Tilman (2012). Phylogenetic diversity promotes ecosystem stability. *Ecology*. In Press. doi:NA. **Google Scholar Citations:** 360;

4. R Dinnage, MW Cadotte, NM Haddad, GM Crutsinger, D Tilman (2012). Diversity of plant evolutionary lineages promotes arthropod diversity. *Ecology letters*. 15 (11), 1308-1317. doi:10.1111/j.1461-0248.2012.01854.x. **Google Scholar Citations:** 127; **Altmetric Score:** 1.25;
3. R Dinnage (2009). Disturbance alters the phylogenetic composition and structure of plant communities in an old field system. *PLoS One*. 4 (9), e7071. doi:10.1371/journal.pone.0007071. **Google Scholar Citations:** 107; **Altmetric Score:** 5.08;
2. MTJ Johnson, R Dinnage, AY Zhou, MD Hunter (2008). Environmental variation has stronger effects than plant genotype on competition among plant species. *Journal of Ecology*. 947-955. doi:10.1111/j.1365-2745.2008.01410.x. **Google Scholar Citations:** 49;
1. PA Abrams, C Rueffler, R Dinnage (2008). Competition-similarity relationships and the nonlinearity of competitive effects in consumer-resource systems. *The American Naturalist*. 172 (4), 463-474. doi:10.1086/590963. **Google Scholar Citations:** 48;

- This CV is auto-generated using R once a week. See `https://github.com/rdinnager/CV` for the code.