
Christopher CM Baker

Postdoctoral Research Associate, Pringle and Tarnita Labs
Department of Ecology and Evolutionary Biology, Princeton University

107A Guyot Hall, Princeton University
Princeton NJ 08544
United States

Mobile +1 (617) 955 2400
Email ccmbaker@princeton.edu
Web scholar.princeton.edu/baker

Professional training

- Oct 2015 - Postdoctoral Research Associate, Princeton University
Pringle and Tarnita Labs, Department of Ecology and Evolutionary Biology
- 2008 - 2015 PhD, Harvard University
Thesis: Complexity in mutualisms: indirect interactions with multiple parties
Advisor: Professor Naomi E Pierce
- 1998 - 2001 BEc (Hons Class I), Australian National University
Thesis: Endogenous ATM sharing with bilateral agreements
Advisor: Professor Rohan Pitchford
- 1998 - 2000 BSc, Australian National University

Employment

- May 2008 - Aug 2008 Researcher, Lehrstuhl für Internationale Politik, Prof Dr Gerald Schneider
Department of Politics and Management, University of Konstanz, Germany
- Apr 2006 - May 2008 Manager, Payments System Research, Payments Policy Department,
Reserve Bank of Australia
- Nov 2005 - Mar 2006 Australian Prudential Regulation Authority and Fifth Quantitative Impact Study
Analysis Team, Bank for International Settlements (seconded from RBA)
- Aug 2003 - Mar 2006 Analyst/Senior Analyst, System Stability Department, Reserve Bank of Australia
- Feb 2002 - Aug 2003 Analyst, Payments Policy Department, Reserve Bank of Australia
- Dec 2000 - Jan 2001 Cadet, Payments Policy Department, Reserve Bank of Australia

Publications

- Baker CCM, DJ Martins, JN Pelaez, JPJ Billen, A Pringle, ME Frederickson and NE Pierce (2017). Distinctive fungal communities in an obligate African ant plant mutualism. *Proceedings of the Royal Society B*. 284: 20162501. doi: 10.1098/rspb.2016.2501
- Baker CCM, LS Bittleston, JG Sanders and NE Pierce (2016). Dissecting host-associated communities with DNA barcodes. *Philosophical Transactions of the Royal Society B*. 371: 20150328 doi: 10.1098/rstb.2015.0328
- Bittleston LS, CCM Baker, LB Strominger, A Pringle and NE Pierce (2016). Metabarcoding as a tool for investigating arthropod diversity in *Nepenthes* pitcher plants. *Austral Ecology*. 41(2): 120-132 doi: 10.1111/aec.12271
- Baker CCM, SRX Dall and DJ Rankin (2012). Kin selection and the evolution of social information use in animal conflict. *PLoS ONE* 7(2): e31664. doi: 10.1371/journal.pone.0031664

Publications (continued)

Mushegian AA, CN Peterson, CCM Baker and A Pringle (2011). Bacterial diversity across individual lichens. *Applied and Environmental Microbiology* 77(12): 4249-4252. doi: 10.1128/AEM.02850-10

Software

Baker CCM (2016). *entrez-qiime*: a utility for generating QIIME input files from the NCBI databases. github.com/bakerccm/entrez-qiime, release v2.0, 7 October 2016. doi: 10.5281/zenodo.159607

Teaching

Spring 2010, 2011, 2013, 2014, 2015 Teaching Fellow, Animal Behaviour
Department of Organismic and Evolutionary Biology, Harvard University

Fall 2014 Teaching Fellow, Biology of Fungi
Department of Organismic and Evolutionary Biology, Harvard University

Spring 2001 Tutor, Quantitative Methods for Business and Economics I
Department of Statistics and Econometrics, Australian National University

Funding

2014 Putnam Expedition Grant, Museum of Comparative Zoology, Harvard University

2013 Conference Grant, Graduate Student Council, Harvard University

2012 Exploration Fund Grant, Explorers Club

2011 Putnam Expedition Grant, Museum of Comparative Zoology, Harvard University

2008 - 2015 Graduate Student Fellowship, Department of Organismic and Evolutionary Biology,
Harvard University

Awards

2010, 2015 Harvard University Certificate of Distinction in Teaching

2000 Department of Finance and Administration Prize for highest grade in Microeconomics III (shared)

1999 Australian Agricultural and Resource Economics Society Prize for highest grade in Resource and Environmental Economics

1998 Bankers' Trust Australia Prize for highest grade in Economics I

1998 The Sir Colin Hines Scholarship, Returned and Services League of New South Wales

Last updated: 15 March 2017