

Katie S. Collins

Curator of Benthic Molluscs, The Natural History Museum, London

Contact

Department of Earth Sciences
The Natural History Museum
Cromwell Road
London
SW7 5BD
United Kingdom

Email: katiesusannacollins@gmail.com | kcollins@nhm.ac.uk

Twitter: @spissatella | github.com/katiesusannacollins

Website: <https://katiesusannacollins.github.io/personal-site/>



Profile

Molluscan paleontologist | Evolution of form and function in the global marine Bivalvia | Museum collections, morphometrics, CT scanning | Bivalve systematics | NZ endemic fossil Mollusca

Education

Victoria University of Wellington

New Zealand

2013

PhD in Geology

Dissertation: Journeys through Shape and Time: Palaeobiology of Cenozoic New Zealand Spissatella and Eucrassatella

2008

BSc in Geology and Biology, with Honours in Geology

Positions

Natural History Museum, London

UK

Present

Curator of Benthic Molluscs

University of Chicago

USA

2016 – 2019

Postdoctoral Researcher

GNS Science

New Zealand

2015 – 2016

Consulting Curator

2006 – 2008

Data entry for Fossil Record Electronic Database

Victoria University of Wellington

New Zealand

2009 – 2016

Curator, School of Geography, Environment and Earth Sciences (SGEES)

2015 – 2016

Undergraduate Lab Manager, SGEES

2015 – 2016

Outreach Coordinator, SGEES

2009 – 2016

Senior Tutor, SGEES

Postgraduate Students

Victoria University of Wellington, MSc in Geology students

Current	C. Whitten (title TBD)
2019	L. Hobbs - <i>A paleoenvironmental analysis of the Pukenui Limestone, southeastern Wairarapa.</i>
2017	J. Elliot - <i>Paleoenvironmental analysis of the Hautawa Shellbed, Whanganui Basin.</i> A. Milner - <i>Plio-Pleistocene stratigraphy, depositional environments and uplift history of the Manawatu Strait.</i>

University of Chicago, Senior Thesis students

2019	S. Khouja - <i>'Bivalves Unhinged': Biomechanical tradeoffs in hinge plate and muscle configuration.</i> M. Schumm - <i>Global patterns of functional diversity and community assembly in Marine and Terrestrial Systems.</i>
2018	S. Leventhal - <i>Tradeoffs in marine bivalve shape and size across latitude.</i>

Outreach and Public Engagement

2020	Guest speaker at Notting Hill Ealing High School Science Week
2019-ongoing	Contributor to PhyloPic
2016	Earth Science Judge, NIWA Science Fair
2015	Exhibitor for VUW Geology Dept at National Gem and Mineral Show
2015	Tutor, Wellington-Hutt Valley Gem and Mineral 'Geokids' Club
2014	Guest Speaker, Wellington-Hutt Valley Gem and Mineral Club
2012	Fossil casting exercises with the Kiwi Conservation Club
2010-2016	Participant in annual Te Rōpu Awhina outreach events for Māori and Pasifika teens

Grants and Awards

2019	Part of team awarded CDAC seed funding for "Predicting Shifts in Biological Growth Driven by Climate Change: A Geometric Deep Learning Approach"
2015	Honorary Life Member, VUW Student Geology Society
2014	Australian Synchrotron Imaging and Medical Beamline Experiment 8599
2013	VUW Faculty Strategic Research Grant #205750
2012	VUW PhD Submission Scholarship
2011	John Gamble Award for social and academic contribution to SGEES

Service

Ongoing	Journal reviews (https://publons.com/researcher/1633535/katie-susanna-collins)
2019	Symposium Organiser: North American Paleontological Congress (upcoming)
2016	Committee Member: Geoscience Society of NZ Wellington Branch
2015	Organising Committee: Annual Conference of the Geoscience Society of NZ
2015	Editor: How to Make a Mud Pie – Layer Cakes, Rocky Road and Other Recipes for Geologists in the Field (ISBN: 9780473311391). Dispress and Emma Smart Publishing