## **New Zealand Science Review**

Vol 76 (4) 2020



The Neutral Theory of Evolution
Renewing the science system
One Health Aotearoa



## New Zealand Science Review Vol 76(4) 2020

Official Journal of the New Zealand Association of Scientists P O Box 1874, Wellington www.scientists.org.nz

A forum for the exchange of views on science and science policy

Editor: Allen Petrey

Contents	Production Editor: Geoff Gregory
In this issue	89
President's column –Articles	90
The Neutral Theory of Evolution – Geoffrey K. Chambers	91
New Zealand banknote promotes rugby! – John Campbell	96
Public Statement	
Renewing the Aotearoa New Zealand Science System: Summary	
Renewing the Aotearoa New Zealand Science System: The Long Read	
The New Zealand Association of Scientists	100
Article	
One Health Aotearoa: a transdisciplinary initiative to improve human, a environmental health in New Zealand – Sarah Harrison, Michael Russell G. Death, Nigel P. French, Garth Harmsworth, Robin J. I. Patricia C. Priest, James E. Ussher and David R. Murdoch	G. Baker, Jackie Benschop, Lake, Iain L. Lamont,
Abstract	
Glass ceilings in New Zealand universities: Inequities in Māori and Pac Tara G McAllister, Jesse Kokaua, Sereana Naepi, Joanna Kidma	
Book description	
Science for Policy Handbook – <i>Vladimir Šucha and Marta Sienkiewicz</i>	(Editors)109
News	
Hazards defined and classified to strengthen disaster risk reduction	110
How we kill creativity in New Zealand schools	111
Public statement	
Scientific Society Presidents Call for Ministerial Intervention in Massey	Science Cuts 112

Cover: Rainbow Stratocumulus. Credit Alan Blacklock NIWA.

## **Instructions to Authors**

New Zealand Science Review provides a forum for the discussion of science policy. It also covers science education, science planning, and freedom of information. It is aimed at scientists, decision makers, and the interested public. Readability and absence of jargon are essential.

Manuscripts on the above topics are welcome, and should be emailed to the editor (editor@scientists.org.nz).

As well as full papers, short contributions, reports on new developments and conferences, and reviews of books, all in the general areas of interest detailed above, are invited. The journal may also accept reviews of a general nature and research reports.

Full manuscripts (with author's name removed) will be sent for peer review, and authors will be sent copies of the reviewer's comments and a decision on publication. Manuscripts should not normally have appeared in print elsewhere, but already published results discussed in the different, special context of the journal will be considered.

Manuscripts should be accompanied by biographies of not more than 100 words on each author's personal history and current interests. Authors are also expected to supply a suitable

high-definition passport-size photograph of themselves. This will be published with the article.

Articles may be submitted in MS Office Word, rich text format, or plain text. Diagrams and photographs should be on separate files (preferably eps, tif, jpg, at 300 dpi), not embedded in the text.

All tables and illustrations should be numbered separately — Tables 1, 2, 3, 4, etc., and Figures 1, 2, 3, 4, etc. — and be referred to in the text. Footnotes should be eliminated as far as possible. Diagrams and photographs will be printed in black and white, so symbols should be readily distinguishable without colour, and hatching should be used rather than block shading. However, colour may be used if the author or the author's institute is willing to pay for the added cost.

References should preferably be cited by the author–date (Harvard) system as described in the Lincoln University Press Write Edit Print: Style Manual for Aotearoa New Zealand (1997), which is also used as the standard for other editorial conventions. This system entails citing each author's surname and the year of publication in the text and an alphabetical listing of all authors cited at the end. Alternative systems may be acceptable provided that they are used accurately and consistently.