Earth and Environmental

Books and Journals from Cambridge University Press

Cambridge University Press publishes across the full spectrum of subdisciplines that comprise the Earth and Environmental Sciences – everything from soil science to space physics and from palaeontology to petroleum geoscience.

We are particularly well known for our comprehensive and world-leading book lists in climate change and solid Earth geophysics.

We publish books ranging in level from undergraduate and graduate textbooks to research monographs, reference volumes, and handbooks for industry practitioners.

We also have an ever-expanding journals portfolio including the prestigious journals of the Paleontological Society from 2015.

For further details visit: cambridge.org/core-earth-and-environmental

Cambridge Core



Cambridge Core

The new home of academic content

cambridge.org/core

Cambridge Core



Cambridge Core

Access leading journals in your subject

Explore today at cambridge.org/core

Cambridge Core



Cambridge Journals Digital Archive

Knowledge is no longer shelved



Over 900,000 articles from 300+ journals



Over 245 years of world class research

Available in collections, bespoke packages and as individual journal archives

cambridge.org/core-cjda



EXTINCTIONS

Living and Dying in the Margin of Error

MICHAEL HANNAH

Hardback | 9781108843539 | £20 | \$24.95

Are we now entering a mass extinction event? What can mass extinctions in Earth's history tell us and how does life on earth recover from them? How can we avoid a disastrous human-made mass extinction event? Michael Hannah answers these questions and more in this compelling book.

Extinctions is an exuberant road trip through the history of life on Earth, led by a friendly and knowledgeable guide who knows all the locals along the way. Visiting so many ancestral Earthlings and vanished ecosystems is heady - and deeply humbling. Marcia Bjornerud, Lawrence University, author of Timefulness and Reading the Books.

The mass extinctions of the past clearly have relevance to the current approaching catastrophe in the Anthropocene, and the careful appraisal of exactly where we are in comparison with previous extinctions will be of great concern to those interested in the 'long view'. I particularly appreciated the focus on the notion of the interconnectedness of Earth systems.

Richard Fortey, *author of* Life: An Unauthorised Biography History and Trilobite: Eyewitness to Evolution

An accessible and authoritative guide to the past, present, and future of extinctions ... explains how they are relevant to understanding the predicament we are in today, and to plotting a better future.

bestselling author of The Rise and Fall of the Dinosaurs



MICHAEL HANNAH

EXTINCTIONS

Living and Dying in the Margin of Error

ENVIRONMENTAL CONSERVATION

International Journal of Interdisciplinary Environmental Science

THEMATIC SECTION REVISITED	I: BIODIVERSITY		Understanding how opportunity cost affects multi-objective conservation investment in the Central and Southern Appalachian Region (USA) Seong-Hoon Cho, Young Gwan Lee and Gengping Zhu	192
RESEARCH PAPER			cooling Floori Oilo, Toding await 200 and doingping 211d	102
Spatial conservation prioritiz socioeconomic costs and de Southwest China Biodiversity Wei Fu, Qi Ding, Zhe Sun and	gradation conditions in the // Hotspot	143	Successful management of invasive rats across a fragmented landscape Sarah K Barney, Devin R Leopold, Kainana Francisco, David J Flaspohler, Tadashi Fukami, Christian P Giardina, Daniel S Gruner, Jessie L Knowlton, William C Pitt and Erin E Wilson Rankin	200
SUBJECT REVIEW				
Re-conceptualizing the role(s) conservation Megan C Evans	of science in biodiversity	151	Ground-dwelling spider families and forest structure variables for monitoring ecologically sustainable logging operations Ana Sofía Alcalde, Natalia Politi, Sandra Rodríguez-Artigas, José Antonio Corronca and Luis Osvaldo Rivera	208
NON-THEMATIC SEC	CTION			
COMMENT Brazil's Highway BR-319 den lack of environmental govern			Impact of individual protected areas on deforestation and carbon emissions in Acre, Brazil Teemu Koskimäki, Johanna Eklund, Gabriel M Moulatlet and Hanna Tuomisto	217
Maryane BT Andrade, Lucas Fo and Philip M Fearnside		161	The effect of conservation policies on wildlife hunting and consumption in north-eastern Madagascar Hervet J Randriamady, Seollee Park, Danamona Andrianarimanana, Abdy Berobia	
RESEARCH PAPERS			and Christopher D Golden	225
Conservation and privatization land reform of New Zealand's Adena R Rissman, Molly C Dar	s high country niels, Peter Tait,		CORRIGENDUM	
Xiaojing Xing and Ann L Browe	r	165	Connecting protected areas in the Iberian peninsula to	
Analysing constraints to impled decision-making: a theoretical its application to the Norther Anaï Mangos, Juliette Rouchier	al framework and n Vosges, France	174	facilitate climate change tracking – CORRIGENDUM Mario Mingarro and Jorge M Lobo	233
Connecting protected areas peninsula to facilitate climate				



182



Mario Mingarro and Jorge M Lobo