Scientific Committee
Committee coordinator(s)

Françoise Gaill
CNRS MNHN, Université Pierre et Marie Curie, Paris
francoise.gaill@upmc.fr

Bruno David, Biogéosciences CNRS-INEE, Université de Bourgogne, Dijon
Agathe Euzen, LATTS – CNRS, Paris
Martine Hossaert, CEFE–CNRS, Montpellier

Topics covered

- Biodiversity
- Chemical Ecology
- Climate Change
- Ecogeochemistry
- Environment
- Environment and Health
- Environmental Genomics
- Evolution
- Functional Ecology
- Global Ecology
- Human/Environment Interactions
- Sustainable Development
- Sustainable Interactions
- Symbiosis
- Territorial Ecology
- Theoretical Ecology

Forthcoming Sets
New Advances in Ecological Sciences coordinated by Françoise Gaill et al.

Forthcoming Titles
Insight on Environmental Genomics by Faure Denis, Joly Dominique
Intricate Biocultural Interactions beyond Nature and Culture: People and Figs by Aumeeruddy-Thomas Yildiz, Hossaert-McKey Martine
Microbial Ecology and Health by Bally René, Mavingui Patrick, Koussay Dellagi
Resilience injunction by Reghezza Magali, Rufat Samuel
The Southern Ocean by David Bruno, Saucède Thomas
Events of Increased Biodiversity
Evolutionary Radiations in the Fossil Record
Pascal Neige, University of Bourgogne, Dijon, France

Coordinated by Françoise Gaill

ISBN: 9781785480294 • 2015 • 146 pages • USD 65.00 • ISTE–ELSEVIER

This book presents the phenomenon of evolutionary radiation, as seen in the fossil record, by exploring its causes through the analysis of concrete examples using current and past paleontological data, which have contributed to the recognition and later analysis of these phenomena of diversification.

Biodiversity arises from a long series of sometimes-sudden events, where evolutionary radiations form part of the story, as do extinctions.

Throughout the book the use of illustrative examples represents well-known cases of evolutionary radiations in the fossil record. The author give a general introduction to biodiversity as we know it today, then analyze the fossil record in greater detail through concrete examples.

Les événements d’augmentation de la biodiversité – ISBN 9781784050740

The above title is published in French by ISTE Editions (www.iste-editions.fr)

Contents

1. A Singular Work of Theater.
2. The Fossil Record.
3. The Phenomenon of Evolutionary Radiation.
4. Examples of Evolutionary Radiations.
Scientific Board Members

Jean-Charles Pomerol, Université Pierre et Marie Curie – INSIS/CNRS, Paris, France  
(President of the Scientific Board)
Robert Baptist, CEA Grenoble, France
Philippe Baptiste, directeur général délégué à la science du CNRS, Paris, France
Alain Dollet, CNRS – INSIS-CNRS, Paris, France
Bernard Dubuisson, Heudiasyc, Université de Technologie de Compiègne, France
Gilles Pijaudier-Cabot, Université de Pau et des Pays de l’Adour, France
Olivier Pironneau, Université Pierre et Marie Curie, Paris, France
Guy Pujolle, LIP6 – Université Pierre et Marie Curie, Paris, France

Book specifications (production and distribution)

- A SET brings together, under a single title, a limited number of volumes (from a minimum of 3 to a maximum of approximately 10). Topics are "specialized". The content in each set covers the research and very latest innovations of the topic.
- FOCUS books, from minimum 50 approx. to 200 pages maximum, which deal with the fundamental, conceptual and technological aspects of the topic.
- Monographs and multi-author books, usually between 250 and 400 pages long, deal with the fundamental, experimental and applicative aspects of each topic.

Editorial and formatting guidelines are available at www.iste.co.uk/guidelines.zip.
Database indexing: following SCOPUS and ISI specifications.

- ISTE Ltd has an exclusive book co-publishing and world distribution contract with WILEY.
- ISTE Press Ltd has an exclusive book co-publishing and world distribution contract with ELSEVIER.
- ISTE Editions is distributed worldwide (paper copy only) by NBN International (www.nbninternational.com).
Three major editorial lines
Engineering, Technology and Materials Science
Environmental and Life Sciences
Human and Social Sciences

Publications in
English — French

ISTE SCIENCE PUBLISHING

- 30 committees cover all the editorial lines published.
- Over 200 top-level scientists and researchers, from over 20 countries, are members of the ISTE committees.
- They are, together with the members of the Scientific Board, the backbone of the ISTE Publishing Organization.