

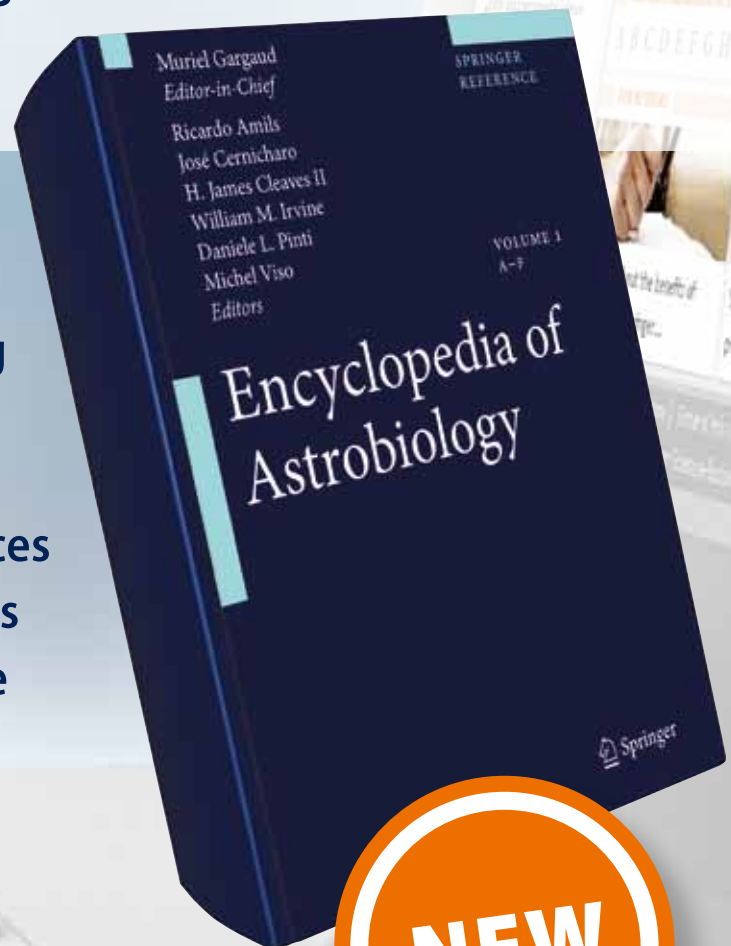
Print + eReference = The Best of Both Worlds

Encyclopedia of Astrobiology

Editor-in-chief: Muriel Gargaud

SPRINGER
REFERENCE

- ▶ The key to understanding terms from astronomy, biology, chemistry, geosciences, space sciences
- ▶ Treats all important topics from a global perspective
- ▶ Assembles and organizes key citations



NEW

RECOMMEND
— to your library



SPRINGER
REFERENCE

This Springer Reference is part of the Physics and Astronomy eBook collection. Ask your librarian about Springer eBooks and get access to the eContent.

Encyclopedia of Astrobiology

The interdisciplinary field of Astrobiology constitutes a joint arena where provocative discoveries are coalescing concerning, e.g. the prevalence of exoplanets, the diversity and hardness of life, and its increasingly likely chances for its emergence. Biologists, astrophysicists, biochemists, geoscientists and space scientists share this exciting mission of revealing the origin and commonality of life in the Universe. The members of the different disciplines are used to their own terminology and technical language. In the interdisciplinary environment many terms either have redundant meanings or are completely unfamiliar to members of other disciplines.

The **Encyclopedia of Astrobiology** serves as the key to a common understanding. Each new or experienced researcher and graduate student in adjacent fields of astrobiology will appreciate this reference work in the quest to understand the big picture. The carefully selected group of active researchers contributing to this work and the expert field editors intend for their contributions, from an internationally comprehensive perspective, to accelerate the interdisciplinary advance of astrobiology.

Editor-in-Chief:

Muriel Gargaud

Editors:

R. Amils, J. Cernicharo Quintanilla, H.J. Cleaves, W.M. Irvine, D. Pinti, M. Viso

Table of Contents

The encyclopedia comprises approximately 1700 entries from the following fields:

- ▶ Astrophysics
- ▶ Astrochemistry
- ▶ Planetology
- ▶ Space Science
- ▶ Space Missions and Planetary Protection
- ▶ Geology
- ▶ Geochemistry
- ▶ Geomicrobiology
- ▶ Traces of Life
- ▶ Chemistry

- ▶ Biochemistry
- ▶ Biology
- ▶ Microbiology
- ▶ Origins of Life
- ▶ Artificial Life
- ▶ Epistemology

The alphabetical part is complemented by:

- ▶ Astrobiological Data
- ▶ Astronomical Data
- ▶ Geological Data
- ▶ Chemical and Biological Data
- ▶ Chronological History of Life on Earth

Recommend this essential reference work to your library!
For more information visit springer.com

Print

2011, XLIV, 1853 p.,
in 3 volumes, not available
separately.
Hardcover
ISBN 978-3-642-11271-3

eReference

2011
ISBN 978-3-642-11274-4

Print + eReference

2011, XLIV, 1853 p.,
in 3 volumes, not available
separately.
Hardcover
ISBN 978-3-642-11279-9



<http://www.springer.com/978-3-642-11271-3>

Encyclopedia of Astrobiology

Editor-in-chief: Gargaud, M. - Amils, R.; Cernicharo
Quintanilla, J.; Cleaves, H.J.; Irvine, W.M.; Pinti, D.; Viso,
M. (Eds.)

2011, XLII, 1853 p. In 3 volumes, not available
separately., Hardcover

ISBN: 978-3-642-11271-3