



State of the Planet

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Web Resources on Biodiversity

To accompany
Prospects for Biodiversity

Martin Jenkins
Science **302**, 1175 (2003)

[\[Abstract\]](#) [\[Full text\]](#)

(from the [State of the Planet](#) series)

- [Web Sites of Interest](#)
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Web Sites of Interest on Biodiversity Issues

[United Nations Environment Programme](#)

Key U.N. "environment for development" agency undertakes a wealth of activities in the [biodiversity](#) arena.

[UNEP World Conservation Monitoring Centre](#)

Information portal on worldwide conservation and biodiversity issues, started as a nonprofit and now under the aegis of the [UNEP](#).

[AAAS Atlas of Population and Environment](#)

Free online version of comprehensive reference on geographic relationships between population and environment; includes extensive section on [biodiversity](#).

[World Resources Institute](#)

Well-known nonprofit organization focusing on sustainable-development issues.

[Convention on Biological Diversity](#)

Rich, remarkable site of the U.N. convention includes the text of the convention itself, a "clearing-house mechanism" for worldwide biodiversity and biosafety information, a collection of biodiversity links, and much, much more. Highly recommended.

[IUCN -- The World Conservation Union](#)

International scientific and policy organization on sustainable-development issues.

[The IUCN Red List of Threatened Species](#)

Registry of threatened and endangered plant and animal species. Site includes a number of useful [summary tables](#).

[Global Biodiversity Information Facility](#)

Denmark-based project to "make the world's primary data on biodiversity freely and universally available via the Internet."

[National Biological Information Infrastructure](#)

Well-stocked Web clearinghouse for data and information on North American biological resources. Includes [a superb collection of links](#) on genetic, species, and ecosystem diversity.

[National Biodiversity Network](#)

Project to build the U.K.'s first network of biodiversity information.

[NatureServe](#)

Nonprofit purveyor of biodiversity information and other conservation-oriented data.

[Tree of Life Web Server](#)

Compulsively browseable online rendering of Earth's biodiversity.

[EarthTrends: The Environmental Information Portal](#)

Handsome site from [WRI](#) providing gateway to myriad information, including data tables, maps, and other features, on a variety of environmental issues, including biodiversity.

[Conservation International Home](#)

A leading nonprofit organization focusing on conserving global biodiversity. Organization's many excellent Web sites include the education-focused [Investigate Biodiversity](#), an effort on [biodiversity hotspots](#), and the [Center for Applied Biodiversity Science](#).

[WWF -- The Conservation Organization](#)

Education- and citizen-oriented Web site of the well-known advocacy organization.

[United Nations Educational, Scientific and Cultural Organization](#)

UNESCO's site includes a [natural science portal](#) with in-depth information on the organization's activities regarding [human influences on the biosphere](#).

[World Heritage Center](#)

Online headquarters for the UNESCO cultural and natural conservation program.

[UK Government Sustainable Development](#)

Interesting site detailing the U.K.'s efforts in sustainable development.

[Biodiversity and Biological Collections WWW Server](#)

Browseable site with an abundance of links "of interest to systematists and other biologists of the organismic kind."

[The World-Wide Web Virtual Library:](#)

[Ecology and Biodiversity](#)

Searchable collection of biodiversity resources, hosted by the [Society for Conservation Biology](#).

Selected Previous *Science* Articles on Biodiversity Issues

Science Special Issues

[Special Issue: Human-Dominated Ecosystems](#)

24 July 1997; v. 277, no. 5325

Includes news and six review articles on the biodiversity and ecosystem impacts of human activities.



[Special Issue: Bioinformatics for Biodiversity](#)

29 September 2000; v. 289, no. 5488

Collection of articles on how global electronic databases are changing biodiversity studies.



[Special Issue: Ecology Through Time](#)

Reviews, Viewpoints, and news about human impacts and ecological patterns over long time scales.



Other *Science* Articles

Effectiveness of Parks in Protecting Tropical Biodiversity

Aaron G. Bruner *et al.*
Science **291**, 125-128 (2001)
[\[Abstract\]](#) [\[Full text\]](#)

A Global Biodiversity Map

Edward O. Wilson
Science **289**, 2279 (2000)
[\[Summary\]](#)

Nonrandom Extinction and the Loss of Evolutionary History

Andy Purvis *et al.*
Science **288**, 328-330 (2000)
[\[Abstract\]](#) [\[Full text\]](#)

Global Biodiversity Scenarios for the Year 2100

Oswaldo E. Sala *et al.*
Science **287**, 1770-1774 (2000)
[\[Abstract\]](#) [\[Full text\]](#)

Emerging Infectious Diseases of Wildlife--Threats to Biodiversity and Human Health

Peter Daszak *et al.*
Science **287**, 443-449 (2000)
[\[Abstract\]](#) [\[Full text\]](#)

International Ecosystem Assessment

Edward Ayensu *et al.*
Science **286**, 685-686 (1999)
[\[Summary\]](#) [\[Full text\]](#)

Conservation Targets: Do They Help?

Preserving the Tree of Life

Georgina M. Mace *et al.*
Science **300**, 1707-1709 (2003)
[\[Abstract\]](#) [\[Full text\]](#)

Protecting China's Biodiversity

Jianguo Liu
Science **300**, 1240-1241 (2003)
[\[Summary\]](#) [\[Full text\]](#)

Direct Payments to Conserve Biodiversity

Paul J. Ferraro and Agnes Kiss
Science **298**, 1718-1719 (2002)
[\[Summary\]](#) [\[Full text\]](#)

Biodiversity Update--Progress in Taxonomy

Stephen Blackmore
Science **298**, 365 (2002)
[\[Summary\]](#) [\[Full text\]](#)

Economic Reasons for Conserving Wild Nature

Andrew Balmford *et al.*
Science **297**, 950-953 (2002)
[\[Abstract\]](#) [\[Full text\]](#)

Science, Sustainability, and the Human Prospect

Peter H. Raven
Science **297**, 954-958 (2002)
[\[Summary\]](#) [\[Full text\]](#)

Mammal Population Losses and the Extinction Crisis

Gerardo Ceballos and Paul R. Ehrlich
Science **296**, 904-907 (2002)
[\[Abstract\]](#) [\[Full text\]](#)

Marine Biodiversity Hotspots and Conservation Priorities for Tropical Reefs

Callum M. Roberts *et al.*
Science **295**, 1280-1284 (2002)
[\[Abstract\]](#) [\[Full text\]](#)

Biodiversity and Ecosystem Functioning:

Michael E. Soulé and M. A. Sanjayan
Science **279**, 2060-2061 (1998)
[\[Summary\]](#) [\[Full text\]](#)

Planning for Biodiversity

Stuart L. Pimm and John H. Lawton
Science **279**, 2068-2069 (1998)
[\[Summary\]](#) [\[Full text\]](#)

Biodiversity Assessment and Conservation Strategies

Albert S. van Jaarsveld *et al.*
Science **279**, 2106-2108 (1998)
[\[Abstract\]](#) [\[Full text\]](#)

Population Diversity: Its Extent and Extinction

Jennifer B. Hughes *et al.*
Science **278**, 689-692 (1997)
[\[Abstract\]](#) [\[Full text\]](#)

A Role for Ecotones in Generating Rainforest Biodiversity

Thomas B. Smith *et al.*
Science **276**, 1855-1857 (1997)
[\[Abstract\]](#) [\[Full text\]](#)

From the JSTOR Archive

Knowing the Earth's Biodiversity: Challenges for the Infrastructure of Systematic Biology

Stephen Blackmore
Science **274**, 63-64 (1996)
[\[PDF\]](#) (0.5 MB)

The Future of Biodiversity

Stuart Pimm *et al.*
Science **269**, 347-350 (1995)
[\[PDF\]](#) (1.0 MB)

Biodiversity Studies: Science and Policy

Paul R. Ehrlich and Edward O. Wilson
Science **253**, 758-762 (1991)
[\[PDF\]](#) (1.2 MB)

Current Knowledge and Future Challenges

M. Loreau *et al.*

Science **294**, 804-808 (2001)

[\[Abstract\]](#) [\[Full text\]](#)

Can We Defy Nature's End?

Stuart L. Pimm *et al.*

Science **293**, 2207-2208 (2001)

[\[Summary\]](#) [\[Full text\]](#)

Humans as the World's Greatest Evolutionary Force

Stephen R. Palumbi

Science **293**, 1786-1790 (2001)

[\[Abstract\]](#) [\[Full text\]](#)

The End for Indonesia's Lowland Forests?

Paul Jepson *et al.*

Science **292**, 859-861 (2001)

[\[Summary\]](#) [\[Full text\]](#)

Conservation Conflicts Across Africa

Andrew Balmford *et al.*

Science **291**, 2616-2619 (2001)

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Volume 302, Number 5648, Issue of 14 Nov 2003, p. 1175.

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