

# Biologie

## FabiO - Fachbibliographien und Online-Datenbanken

[ [FabiO-Startseite und Register](#) ]

## Allgemeines

[vifabio - Virtuelle Fachbibliothek Biologie](#)

Virtueller Katalog / Internetquellen / E-Zeitschriften / Datenbanken - UB Frankfurt am Main und Kooperationspartner

[Biologie.de](#) Deutschlands biologische Informationszentrale

[Biologie-Schule.de](#) **Kompaktes Wissen für Schule und Studium**

[BiologyBrowser](#) Biology Information and Free Resources

[ActionBioscience.org](#)

„the site provides articles by scientists, science educators and students on issues related to seven primary areas, including genomics, biotechnology, evolution, and biodiversity. All of the pieces on the site go through a peer-review process and are written with a keen eye towards providing information in a way that is largely jargon-free and highly accessible“

[Biology Online - Information in the Biological Sciences](#)

„a site dedicated to providing basic to advanced information in the field of Biology, to be used free of charge to all those visiting“; auch: Dictionary, Tutorials, Links

[The Biology Project: An Online Interactive Resource for Learning Biology](#)

[BioMed CENTRAL](#)

„To provide you with the means to communicate research findings, news, comment and analysis in all areas of biology and clinical medicine directly with your peers“

[BIORESEARCH: The UK's Gateway to High Quality Internet Resources in Biological and Biomedical Sciences](#)

[Encyclopedia of Life](#)

„the Encyclopedia of Life is an ecosystem of websites that makes all key information about all life on Earth accessible to anyone, anywhere in the world

[Ergito: The Revolution in Scientific Publishing](#)

„You must be a registered member to access free content, or a paid subscriber to access premium content“; Texte zu - Molecular, Cell Biology, Genetics, Introduction to Biology

[Gateway to Online History Notebooks](#)

Canadian Museum of Nature („in our Natural History Notebooks you'll find lots of fascinating facts about 246 animal species. You'll also learn about the amazing diversity of life on Earth..., and why it's important to protect that diversity“)

[Natural Selection](#)

Your guide to quality Internet resources relating to the Natural World (The Natural History Museum London)

[NatureServe: An Online Encyclopedia of Life](#)

„a source for authoritative conservation information on more than 50,000 plants, animals, and ecological communities of the United States and Canada. NatureServe provides in-depth information on rare and endangered species, but includes common plants and animals too“

[Natur-Lexikon.com](#) Vögel, Säugetiere, Pilze, Libellen, Pflanzen, Spinnen, Schmetterlinge, Käfer, Lurche, Reptilien

[WildFinder](#)

„database, which allows users to find out where various species live around the world. The information in the database is based on the Fund's 825 terrestrial ecoregions and currently includes information for four large taxa, or groups of species: birds, reptiles, mammals, and amphibians“

## Affen

[Living Links - A Center for the Advanced Study of Ape and Human Evolution](#)

## Algen

[Algaebase](#) Listing The World's Algae

## Amphibien

[AmphibiaWeb - An Information System for Amphibian Conservation Biology](#)

[Checklist of Amphibian Species and Identification Guide](#) An Online Guide for the Identification of Amphibians in North America north of Mexico

[Amphibian Species of the World](#) American Museum of Natural History / Department of Herpetology

[Amphibians on the IUCN Red List](#) Red List

## Frosch

[Frogs: A Chorus of Colors](#) American Museum of Natural History

## Arachnologie, Spinnen

[Arages: Arachno-Links](#)

[Arachnologie.info](#)

[Wikipedia-Artikel Arachnologie](#)

[SPIDERCITY](#) Alles zu Vogelspinnen

## Artenschutz, Naturschutz

[WISIA](#) Wissenschaftliches Informationssystem zum Internationalen Artenschutz (Bundesamt f. Naturschutz)

[The IUCN Red List of Threatened Species](#) IUCN - The World Conservation Union (Rote Liste)

[Wikipedia-Artikel Rote Liste gefährdeter Arten](#)

[Trafotürme und Naturschutz](#) Stillgelegte Trafohäuschen als Artenschutztürme

## Artenvielfalt, Biodiversität

[The Global Biodiversity Information Facility - GBIF](#) Projekt: Verzeichnis aller Tiere und Pflanzen; Joachim Holstein, Staatliches Museum für Naturkunde Stuttgart

[World Biodiversity Database](#) „...a continuously growing taxonomic database and information system that aims at documenting all presently known species (about 1.7 million) and to make this important biological information worldwide accessible. Access to this online information system is free of charge for noncommercial use: scientific and educational purposes“

## Australien

[Australian Biological Resources Study](#) the mission of the Australian Biological Resources Study (ABRS) is to document which plants and animals are found in Australia, map their locations, and provide information this information to the general public

## Baum

[Interessantes von Apfelbaum bis Zapfen](#) Ein kleines Baumlexikon

[Treeland](#) Einsichten in Bäume u. Holz

[TreeBASE](#) „a relational database of phylogenetic information“

## Biochemie

[Glossary of Biochemistry and Molecular Biology](#)

## Biochips

[BioChipNet](#) The informational website on BioChip Technologies

## Bioethik

[bioethics.net](#) The American Journal of Bioethics

[BioethicsWeb](#) The guide to Internet resources for biomedical ethics

## Biologiebücher

[Stuebers Online Library](#) Sammlung historischer u. moderner Biologiebücher

## Biomes

[WorldBiomes.com](#) (aquatic, desert, forest, graaslands, tundra)

## Biosicherheit

[bioSicherheit](#) Infos zur Gentechnologie, Lexikon Biosicherheit...

## Biotechnologie

[Biotechnologie](#) Die Informationsplattform

[Bio-Link](#) Online Instructional Resources and Clearing House

## Botanik, Pflanzenkunde

[Botany](#) National Biological Information Infrastructure

[Botanik online - Die Internetlehre](#)

[Botanische Werke online](#) Bibliothek des BGBM

[Botanisches Webportal](#) (u.a. Botanische Bilddatenbank; Wildpflanzen Deutschlands; Kategorien von „Alpen“ bis „Wörterbücher“)

[Botanische Bilddatenbank der Universität Basel](#) (u.a. Arten, Gattungen, Familien, Ordnungen)

[IMAGINES PLANTARUM - Pflanzenbilder](#) mehr als 1750 Pflanzenbilder in einem übersichtlich gestalteten Bilderpflanzenlexikon

[NeoFlora - The World's Largest Plant Database](#)

[European Plant Index](#) ...links related to the plant sector, the gardening and its accessories in internet

[PLANTS Database](#) USDA Plants - alle Pflanzen der USA

[Internet Directory for Botany](#)

[Botany.Com](#)

[Bioimages](#) Vanderbilt University; „extensive website of southeastern U.S. plant images“

## Gefäßpflanzen

[Vascular Plant Image Library](#) Digital Flora of Texas

## Orchideen

[Orchidaea.com](#) Infos rund um das Thema Orchideen

[Wolfgang's Orchideenseiten](#) Infos rund um das Thema Orchideen

[Digital Orchid Library](#) „Here, visitors can electronically traipse through such gems as the periodical 'The Orchid World' from 1911 and 1912, then move on to more demanding texts such as 'Die Orchideen von Java', compiled by one Johannes Jacobus Smith. Accompanied by detailed illustrations

of orchids, visitors will find much to delight in throughout these various taxonomical works“

## Tropische Pflanzen

[Raintree: Tropical Plant Database](#) „Including over 300 pages of documentation on rainforest plants and very well-organized, the Tropical Plant Database lists plants by Common name, Botanical name, Ethnic uses, and Action/disorder. The Database File for each plant includes an illustration and information about family, genus, species, common names, plant description, and more“

## Wildblumen

[Celebrating Wildflowers](#) USDA's Forest Service - geogr. Schwerpunkt: USA

## Cetaceen, Wale

[Cetaceen.de](#) Die Welt der Wale u. Delphine

[Cetacea](#) „complete background information on every species of whale, dolphin and porpoise known to humankind“

[Whales on-line](#) a reference and news site dedicated to education for the conservation of whales of the St. Lawrence and their natural habitat

## Dendochronologie

[Bibliography of Dendrochronology](#) „an archive of printed documents relevant to tree-ring research worldwide“

## Dinosaurier

[DINOBASE](#)

[Dinotreker](#) („Within this site you will find a very unique and interesting view of dinosaurs and Paleo art. Featuring a showcase of dinosaur art from some of the best Paleo Artists in the world today“)

## Elch

[Der Elch - Alces alces](#) Der König der nordischen Wälder

## Entomologie, Insekten

[Entomologie.de](#) Entomologie im deutschsprachigen Raum

[Index of Internet Resources](#)

[Wikipedia-Artikel Insektenkunde](#)

[Entomology Index of Internet Resources](#) A directory and search engine of insect-related resources on the Internet (Iowa State Univ./Colorado State Univ.)

[Insects on the Web \(bugbios\)](#)

[Insekten-Box: Steckbriefe](#) Fotos u. Angaben zur Lebensweise von &uuml;ber 500 Insektenarten, die in Mitteleuropa zu Hause sind

[Virtual Roach](#) web resource focused on insect anatomy that was developed as a technical reference and an instructional tool

[Fachgruppe Entomologie Berlin \(NABU\)](#)

## Ameisen

[antbase.org](#) provides ... access to all the ant species of the world, one of the ecologically most important groups of animals worldwide. Antbase is a collaborative effort between scientists from around the world, aiming at providing the best possible access to the wealth of information on ants

[Wikipedia-Artikel Ameisen](#)

[Ameisen-net.de](#) Schwerpunkt: in Deutschland, speziell Baden-Württemberg vorkommende Arten

## Bienen, Wildbienen, Hummeln

[Wikipedia-Artikel Wildbiene](#)

[Wildbienen.de](#) Wildbienen, Solitärbienen und Hummeln

[Wildbienen.info - Faszination Wildbienen](#)

[Wildbienen-Kataster](#)

[Wildbienen.com](#)

[International Bee Research Association](#)

## Bienenzucht, Imkerei

[BeeSource.com](#) Your Online Sourcebook for Beekeeping

[The Hive and the Honeybee](#) „a repository of literature on bees and beekeeping for current use and for the use of future generations“

[Honeybee genome](#) Nature

[Bienen halten - Begriffe der Imkerei](#) Erklärungen, Fachbegriffe, Lexikon

## Käfer

[Beetle Science](#) Infos zu Käfern (in engl.)

[What´s that bug?](#) Fotos von Käfern und Erläuterungen dazu (in engl.)

## Schmetterlinge

[Landesdatenbank Schmetterlinge Baden-Württembergs](#) Staatl. Museum f. Naturkunde Karlsruhe

[Schmetterling - Raupe](#) Portal für Schmetterlinge und Raupen

## Evolution

[The Complete Works of Charles Darwin Online](#) Edited by Dr John van Wyhe - auch Bibliography, Overview, Images

[Alfred Russel Wallace Collection](#) Natural History Museum in London

[Wie die Affen menschlich wurden - Die Evolution der Menschheit](#)

[Evolution Resources From the National Academies](#)

[Understanding Evolution](#) Your One-Stop Source for Information on Evolution

[Tree of Life Web Project](#) On more than 4000 World Wide Web pages, the project provides information about the diversity of organisms on Earth, their evolutionary history (phylogeny), and characteristics

[Living Links - A Center for the Advanced Study of Ape and Human Evolution](#)

## Fauna/Flora

[eNature.com - Online Field Guides](#) (suchbar: mehr als 4.800 Pflanzen- und Tierarten)

[Bioimages](#)

„The databases cover a wide range of topical and geographical areas, such as southeastern US plants and an area dedicated to providing information on plant features“

## Fische

[FishBase: A Global Information System on Fishes](#)

[Australian Museum Fish Site](#) („The heart of the site is the Find a Fish section, a collection of hundreds of fact sheets on fish, sorted by common or scientific name“)

[Ichthyology at the Florida Museum of Natural History](#)

## Zierfische

[Zierfischverzeichnis](#) umfangreiche Seite f. alle Aquarianer u. Freunde von Zierfischen

## Forest Tree Dendrome

[Dendrome Forest Tree Genome Database](#)

## Galapagos

[The Galapagos Collection](#) University of Wisconsin's Zoological Museum (UWZM)

## Garten, Landbau

[National Garden Association: Gardening Resources](#)

siehe auch unter [FabiO: Agrarwissenschaft](#)

## Nutzpflanzen

[Nutzpflanzen - Datenbank](#) Stephan Imhof

## Obst

[Pomologen-Verein e.V.](#) Die Pomologie ist die Lehre von den Obstarten und Obstsorten und umfasst deren Bestimmung, Beschreibung, Empfehlung und Erhaltung

## Gehirn

[Comparative Mammalian Brain Collections](#)

## Genetik, Vererbungslehre

[Genetik](#) Wikipedia

[DoubleTwist](#)

„...the first internet portal to make on-line genetic research fast, easy and free...“

[A Hypermedia Glossary of Genetic Terms](#)

[Introduction to Genetics](#)

Created by GlaxoSmithKline, the site includes a number of interactive animations that illustrate the workings of DNA and genes. Along with these animations, visitors can read over brief introductory pieces on mutations and genetic disorders

[Ensembl Genome Browser](#)

The Wellcome Trust / Sanger Institute: „Ensembl presents up-to-date sequence data and the best possible automatic annotation for metazoan genomes. Available now are human, mouse, rat, fugu, zebrafish, mosquito, Drosophila, C. elegans, and C. briggsae, Others will be added soon“

[The Comprehensive Microbial Resource Home Page - CMR](#)

„These pages have been designed to allow the user to access data from all of the genome sequences completed to date“

[MendelWeb](#)

## Gentechnik

[Gentechnik](#) Wikipedia

[bioSicherheit](#) Infos zur Gentechnologie, Lexikon Biosicherheit...



[Gentechnologie](#) Zenrale für Unterrichtsmedien e.V. - ZUM  
[Informationsdienst Gentechnik](#)  
[TransGen](#) Transparenz für Gentechnik bei Lebensmitteln  
[Gentechnikfreie Regionen in Deutschland](#) BUND für Umwelt und Naturschutz  
[Gentechnik](#) Greenpeace  
[Gentechnik: Eingriff in den Naturbauplan](#) Umweltinstitut München  
[Aktionsbündnis gentechnikfreie Landwirtschaft](#) (Baden-Württemberg)

## DNA

[DNA interactive](#) „Developed by the Dolan DNA Learning Center at the legendary Cold Spring Harbor Laboratory, this Web site provides a host of interactive exhibits and background material about DNA, the human genome project, and the various applications that are gleaned through an intimate and detailed knowledge of human DNA specifically“

## Humangenom

[H-Inv Database](#) Human gene database, with Integrative Annotation / Validated by Full-Length cDNA Clones  
[Human Genome Project Working Draft](#) (International Human Genome Sequencing Consortium)  
[The National Human Genome Research Institute](#)  
[Celera - "Celera's Consensus Human Genome"](#)  
[Human Genome Special Issue](#) Science Magazine  
[123Genomics: A Genomics and Bioinformatics Knowledge Base](#) („...contain dozens of links to bioinformatics- and genomics-related science news, research labs, databases, scientific societies, protocol guides, etc.“)  
[\(Microbial\) Genome Seek](#)  
[Science Functional Genomics](#) („This well-designed and easy-to-use resource has potential for a wide range of users interested in genomics and biotechnology“)

## Klonen

[Links zum Thema "Klonen"](#) Quarks & Co. (WDR)

## Giftpflanzen und -tiere

[Poisonous Plants and Animals](#)

## Heilkräuter

[Heilkräuter-Seiten](#) umfangreiche Sammlung von Infos u. Links zum Thema Heilkräuter

## Limnologie

[Limnologie Wikipedia](#)

[Deutsche Gesellschaft für Limnologie DGL](#)

## Meeresbiologie

[MarLIN - The Marine Life Information Network for Britain & Ireland](#) („...will provide the most comprehensive and easily used source of information about marine habitats, communities and species around Britain and Ireland“)

[European Register of Marine Species](#) „a research consortium funded by the European Union under the MAST (Marine Science and Technology) programme“

[OBIS - Ocean Biogeographic Information System](#) Explore data on locations of Marine Animals and Plants / Obtain data tables, maps and predict distributions using environmental information / More than 9 million records from 92 databases

## Mensch

[Atlas of the Body AMA](#)

## Meso-Amerika

[Electronic Biologia Centrali-Americana](#) „The original 58 volumes of this remarkable work of natural history were created and composed during the 19th century in an effort to identify, categorize, and document the flora and fauna of Meso-America

## Mexiko

[Biodiversity of Mexico](#) Fauna, Flora and Ecosystems

## Mikrobiologie

[Introduction to Microbiology Blog](#) The latest news about microbiology

## Mollusken

[On-line Database of The Field Museum's Collection of Mollusks](#) The Field Museum Chicago

# Ökologie

[Ökologie](#) Wikipedia

[Wiki Commons Ecology](#) Bilder, Videos, Audiodateien

[Ökologie](#) Biologie-online

[Umwelt-Lexikon](#) Umweltdatenbank, Umwelt unter einem D,A,CH

[Öko-Institut Freiburg](#)

[Österreichisches Ökologie Institut](#)

[Umweltlexikon online](#) KATALYSE Institut für angewandte Umweltforschung

[Umweltbibliotheken im Internet](#)

Portal mit Online-Recherche in Katalogen von Umweltbibliotheken, Liste der Umweltbibliotheken, Links zu Ökologie und Umweltthemen u.v.m.

siehe auch unter [Umweltwissenschaften](#)

## Organismen

[Index to Organism Names](#) (BIOSIS; „It can be used to identify the taxonomic group to which a named organism belongs and to link to further information from Zoological Record or other collaborating organization“)

## Ornithologie / Vogelkunde

[Avibase](#) Die Welt-Vogel-Datenbank: Datenbank-Informationen-System zu allen Vögeln der Welt; ca. 1.4 Mio. Aufzeichnungen zu 10.000 Spezies u. 22.000 Subspezies einschl. Verbreitungs-Informationen, Taxonomie, Synonyme in mehreren Sprachen u. anderes

[All About Birds](#) Website für Ornithologen - u.a. Bird Guide, Learn About Birds...

[Introduction to the Aves](#)

[Birdnet.de](#) Webportal zur Vogelbeobachtung

[GeoBirds](#) Your Online Birding Community

[Vogelstimmen.de](#) Vogelstimmen u. -gesänge im Internet

## Eulen

[Eulenwelt - Eulen und Käuze](#)

## Mauersegler

[Deutsche Gesellschaft f. Mauersegler e.V.](#)

## Störche

[Störche Wikipedia](#)  
[Weißstorch Wikipedia](#)  
[Schwarzstorch Wikipedia](#)  
[Weißstörche in Norddeutschland](#)  
[Die Störche Oberschwabens](#)

## Paläobiologie

[The Paleobiology Database](#) „Its purpose is to provide global, collection-based occurrence and taxonomic data for marine and terrestrial animal and plants of any geologic age, as well as Web-based software for statistical analysis of the data“

## Pferd

[EQUINE INFO](#) YOUR GATEWAY TO HORSES AND EVERYTHING HORSE RELATED

## Pilze, Mykologie

[Pilze Wikipedia](#)  
[Mykologie Wikipedia](#)  
[CBS Fungal Biodiversity Centre](#) engl.spr. Infos zur Mykologie  
[Mycological Collections](#) Oregon State University  
[MykoWeb - Mushrooms, Fungi, Mycology](#)  
[Mycology.net](#)  
Internet Portal from Scientists for Scientists presenting Information about Diversity of Fungi  
[Index Fungorum](#) Taxonomie-Datenbank  
[Deutsche Gesellschaft für Mykologie - DGfM](#)  
[Das Pilzforum im Web](#) Pilze und Pilzbestimmung  
[Pilze](#) Pilzbücher, -vergiftungen, -geschichten, -links, -galerie; Wissenschaftliche Namen  
[Pilzfinder.de - Pilze von A - Z](#)  
[Lexikon Pilze](#)  
[Pilzinfos-online - Essbare, ungenießbare und giftige Pilze bestimmen und sammeln](#)  
[Pilz Bibel](#)  
[Pilzmuseum Reinhardtsgrima](#)  
[Pilze-amorbach.de: Beiträge zur Ökologie der Pilze](#)  
[Datenbank der Pilze Österreichs](#)  
[Pilze.ch - Pilzkunde in der Schweiz](#)

## Riffe

[ReefBase](#) A Global Information System On Coral Reefs  
[ISRS - International Society for Reef Studies](#)

## Schulbücher

[Stübers Online Library](#) Eine Sammlung historischer und moderner Biologiebücher

## Säugetiere

[Mammals Species of the World \(MSW\)](#) NMNH Department of Systematic Biology, Division of Mammals

## Symbiose

[International Symbiosis Society](#) „primarily involved with the promotion of research and education in the growing field of symbiosis. The Society seeks also to build ongoing and useful communication between the many researchers working in the various sub-fields of symbiosis, as well as connect symbiologists to those in other areas of ecology and biological sciences generally“

## Tiere

[Das Tierlexikon](#) ständig erweitertes Tierlexikon, teilweise bebildert  
[Heimische Tierwelt](#) Steinhuder Meer, Weserbergland und angrenzende Gebiete

## Tierschutz

[Lauterbacher Tierschutzsuche](#) Linkliste, Suchmaschine

## Virus

[Plant Viruses Online](#) Descriptions and Lists from the VIDE Database  
[The Big Picture Book of Viruses](#)  
[Allgemeine Virologie](#) auch: Glossary

## Zeitschriften

[Journal of Biology](#)  
„international journal publishing biological research articles of exceptional interest and importance“  
[PLoS Biology Open-Access Journal](#) „features works of exceptional significance in all areas of biological science, from molecules to ecosystems“

## Zoologie, Tierkunde

[University of Wisconsin-Madison Zoology Museum Collection](#) auch Zugang zu Volltexten  
[BIOSIS - Free Resources](#)(u.a. Counts of New and Changed Animal Names Reported in Zoological Record, Guide to the Animal Kingdom for Students and Educators, Index to Organism Names, Internet Resource Guides, Nomenclatural Glossary for Zoology)

## Zoologische Gärten

[Zoos](#) in Deutschland, Europa und der ganzen Welt

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Ansprechpartner und Redaktion: [Peter Fischer](#)

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