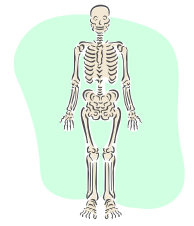




## ***SOME WEB RESOURCES RELATED TO BIOLOGY***



### **AAAS Evolution Resources** <http://www.aaas.org/spp/dser/evolution/>

Site promoting the "scientific robustness of the contemporary theory of biological evolution." "Seeks to engage the religious communities in support of research on and education about evolution." Includes discussions of dissenting views, such as intelligent design and creationism. Also full-text versions of related major federal court decisions. From the American Association for the Advancement of Science (AAAS).

### **About Biotech** <http://www.accessexcellence.org/AB/>

Features essays on various biotechnology and bioethics topics, including an overview of the history of biotechnology and discussions of current issues and the practical application of biotechnology. Also has timelines, "profiles of some of the influential individuals who have helped build the biotechnology industry," information about biotechnology careers, and a graphics gallery of "diagrams and information about complex scientific principles and processes."

### **About Stingrays**

#### <http://www.mote.org/index.php?src=gendocs&link=Stingrays&category=Shark%20Research&submenu=INFO>

Questions and answers about stingrays, marine species "characterized by their flattened shape and long, spine-bearing tails." Topics include types of stingrays, habitat, the sting (or the venom apparatus), and more. Includes photos and links to related articles.

### **All About Birds** <http://www.birds.cornell.edu/programs/allaboutbirds/>

Information about bird watching, identification, and study of birds. Features the browsable "Online Bird Guide," a "guide for bird species identifications and in-depth information, including sounds, video, and distribution maps." Also includes information about favorite birding locations, attracting birds, bird conservation efforts, choosing binoculars and scopes, and materials for educators.

### **American Museum of Natural History, Division of Paleontology** <http://paleo.amnh.org/>

"Contains an estimated five million fossil specimens, including over three hundred thousand fossil vertebrates, collected over 125 years." Features more than 8,000 images of the specimens and more than a thousand images of old photographs, letters, and field notebooks.

### **AmphibiaWeb** <http://elib.cs.berkeley.edu/aw/index.html>

Provides information on every recognized species of amphibian in the world, including species descriptions, life histories, conservation status, references, photos, and maps.

### **Anatomy Atlases** <http://anatomyatlases.org>

Collection of atlases covering general anatomy, anatomy in cross-section, microscopic anatomy, anatomy of first aid, and human anatomic variation. The site is "intended primarily for use by Medical Students, Residents, Fellows, or Attending Physicians studying anatomy."

### **Aquatic Plants** <http://www.aquatic.uoguelph.ca/plants/>

Includes an introduction with links to sections on phytoplankton, fungi, macrophytes, and lichens. Each section includes an essay on morphology, reproduction, and diversity. Includes a bibliography and additional links.

### **Arctic National Wildlife Refuge** <http://arctic.fws.gov/>

Information includes wildlife, habitat, animal migration, and travel. Contains documents related to oil and gas exploration, such as site maps and assessments, as well as conservation plans, and "the decision about

Except where indicated, descriptions adapted from the [Librarians' Index to the Internet](http://www.lii.org), [www.lii.org](http://www.lii.org).

(VO-6/07)

\* Descriptions adapted from issues of [Booklist](#), [College & Research Libraries News](#), [Library Journal](#), or [Reference & User Services Quarterly](#).

development or protection of this northern part of the Arctic Refuge rests in the hands of the US Congress." From the U.S. Fish and Wildlife Service.

**Audubon's Birds of America** [http://www.audubon.org/bird/BoA/BOA\\_index.html](http://www.audubon.org/bird/BoA/BOA_index.html)

"Online version of John James Audubon's Birds of America ... from an 1840 'First Octavo Edition' of Audubon's complete seven volume text." Includes Audubon's images and original text descriptions." Bird species can be found listed alphabetically, or categorized by family. Audubon's drawings of some species' anatomical features are also included in the 'figures' section." Includes a list of species that have become extinct since Audubon's time and list of state birds.

**Australian Koala Foundation (AKF)** <http://www.savethekoala.com>

Features facts about koalas (habitat, diet, life cycle, koala sounds, and more), images, and information about AKF projects. From a private organization "whose prime focus and aim is the long-term conservation and effective management of the wild Koala in Australia." Available in several languages.

**\*Basic Botany, Physiology, and Environmental Effects on Plant Growth**

<http://ag.arizona.edu/pubs/garden/mg/botany/index.html>

Clearly describes the functions of the various plant parts; the processes of photosynthesis, respiration, and transpiration; and how light, water, etc. effect plant growth. Diagrams and cross sections add clarity.

**BBC Science & Nature: Genes** <http://www.bbc.co.uk/science/genes/>

Collection of content from the British Broadcasting Corporation (BBC) on topics related to the field of genetics. Covers basic information about human genetics, genetic modification of animals, cloning, "designer babies," genetically modified (GM) food, and DNA as evidence in solving crimes. Includes interactive features and games.

**Beautiful Birds: Masterpieces From the Hill Ornithology Collection, Cornell University Library**

<http://rmc.library.cornell.edu/ornithology/>

"Traces the development of ornithological illustration in the 18th and 19th centuries and highlights the changing techniques from metal and wood engraving to chromolithography during that period." Includes an exhibition, timeline of artists and authors, a guide to the ornithological collections at Cornell University libraries, and a bibliography. Searchable.

**bewaterwise.com** <http://www.bewaterwise.com/>

Provides information and tips about wise water use, especially with respect to landscaping. It includes a watering calculator and watering index to help set automatic sprinklers, a searchable or browsable gardening guide featuring images of gardens and information about native and heritage plants, and a list of local plant retailers. From a group of Southern California water agencies.

**Biodiversity Heritage Library (BHL)** <http://biodiversitylibrary.org/About.aspx>

Books and periodical volumes from the collections of ten major natural history museum and botanical libraries and research institutions. Searchable or browseable.

**BioethicsWeb** <http://bioethicsweb.ac.uk/>

"A gateway to evaluated, quality Internet resources relating to biomedical ethics, including ethical, social, legal and public policy questions arising from advances in medicine and biology, issues relating to the conduct of biomedical research and approaches to bioethics." Features lists of annotated links. Searchable or browsable by category.

**BioMed Central: The Open Access Publisher** <http://www.biomedcentral.com>

"All the original research articles in journals published by BioMed Central are immediately and permanently available online without charge." Provides access to over 100 journals covering all areas of biology and medicine. Searchable and browsable. Registration required for searching.

**Biotech Adventure** <http://biotech-adventure.okstate.edu>

Features video clips on topics such as cloning and forensics, and introductory information about cells, cell reproduction, genetics, DNA replication, proteins, and related topics. Includes illustrations. From Oklahoma State University.

**\*Botany (National Biological Information Infrastructure - NBII)** <http://www.nbio.gov/disciplines/botany/>

A compilation of practical botanical information with links to other parts of the NBII site and specific material on parts of the plant kingdom, organized into eight different subject areas. Annotations describe the scope of each site and identify the source or supporter of the web page whenever possible. Each section presents an extensive list of annotated links, subdivided for easier browsing. A search engine from the larger NBII main site allows focus on the botany section by using the limiter "search specific categories." Contains a section for teachers with a listing organized according to grade level.

**Butterflies of California** <http://www.npwrc.usgs.gov/resource/distr/lepid/bflyusa/ca/toc.htm>

Profiles of butterflies found in California, listed by family. Describes habitat, physical characteristics, conservation status, and other details. Includes references and maps showing recorded sightings of the butterflies in the state. Most records are accompanied by photos. From the Northern Prairie Wildlife Research Center, U.S. Geological Survey (USGS).

**Census of Marine Life** <http://www.coml.org/>

"A growing global network of researchers in more than 45 nations engaged in a ten-year initiative to assess and explain the diversity, distribution, and abundance of marine life in the oceans -- past, present, and future," presents descriptions of and links to the network's projects, such as "Natural Geography in Shore Areas" and the "History of Marine Animal Populations." Available in several languages, including German, Japanese, and Spanish. Searchable.

**Charles Darwin: The Complete Work of Charles Darwin Online** <http://darwin-online.org.uk/>

Contains Charles Darwin's "complete publications and many of his handwritten manuscripts. Searchable, or browse by publication. Also includes a bibliography, manuscript catalog, biography, and audio files of his works.

**\*Checklist of Online Vegetation and Plant Distribution Maps**

<http://www.lib.berkeley.edu/EART/vegmaps.html>

Links are organized by major regions and countries. Also contains material on plant growth patterns, biomes, forest density, fungi patterns, desert foliage, and rare species. 19<sup>th</sup> century survey maps are also provided.

**Crick Papers** <http://www.wellcome.ac.uk/en/genome/geneticsandsociety/hg13f012.html>

Selections from the papers of biologist Francis Crick, whose "discovery of the structure of DNA with James Watson in 1953 is widely recognized as one of the defining and enabling moments in the history of human achievement." Includes images of papers on the DNA double helix, DNA replication, and related topics. Also includes a biography and timeline.

**Darwin** [http://www.amnh.org/exhibitions/darwin/?src=h\\_h](http://www.amnh.org/exhibitions/darwin/?src=h_h)

Features essays about Darwin's life as a naturalist and his theories about evolution and natural selection, images, video and audio clips, and a webcam of the Galapagos tortoise exhibit at the museum. Also includes an educator's guide and links to related websites.

**Darwin Correspondence Project** <http://www.darwinproject.ac.uk/>

Presents around 5,000 letters written by and to naturalist Charles Darwin, providing "information about his intellectual development, Victorian science and society. They [throw] light on his formative years and the voyage of the Beagle, on the period which led up to the publication of 'The Origin of Species' and the subsequent heated debates." Includes a section on Darwin and religion. From the University of Cambridge Library.

**Darwin Digital Library of Evolution** <http://darwinlibrary.amnh.org>

Provide the literature of evolution "within a historically and topically coherent structure." Features the full text of Darwin's works (such as "On the Origin of Species" and images and transcriptions of Darwin's notes for this book), essays on evolutionary science since Darwin and on the cultural implications of the evolutionary theory, and a bibliography. From the library of the American Museum of Natural History.

**Delicious Pieces: The Vegetables We Eat**

<http://www.wsu.edu:8080/%7Ewsherb/edpages/delicious/introduction.html>

Uses "grocery store vegetables to examine how seed plants are constructed" and to teach the basic elements of morphology (the "study of body forms"). Discusses seeds, specialized root systems (such as carrots), shoot systems (such as asparagus and kohlrabi), edible leaves, flowers (broccoli), and other forms of vegetables. Includes photographs.

**DinoData** <http://www.dinodata.net/>

Provides information about dinosaurs, with a special emphasis on fossils in European museums. Features general information about dinosaurs, anatomy, a glossary, maps, lists, images, and publications. The "Eurodino Database Project" (browsable by fossil, museum, or country) aims to document "the originals or casts of each dinosaur in each museum in Europe." Searchable.

**Dinosaur! National Monument** <http://www.cr.nps.gov/museum/exhibits/dino>

An online exhibit from this national monument features images of dinosaur fossil specimens, an artist's conception of live dinosaurs, a dinosaur family tree, and a geologic timeline. Includes multimedia features. From the National Park Service.

**Discovery of Global Warming** <http://www.aip.org/history/climate/>

"Tells the history of climate change research as a single connected narrative." Topics include influences on climate (such as the greenhouse effect and aerosols), models of climate change, climate modification schemes (such as rainmaking), and social relationships and climate changes. Also includes a timeline through the 1970s and a bibliography.

**\*Dolan DNA Learning Center** <http://www.dnalc.org/>

Provides annotated lists of valuable links to a variety of well-established and reputable national and international web sites which appear to change on a regular basis as new issues and stories arise. Presents five "companion" sites: "Your Genes, Your Health" provides extensive descriptive information related to a number of different genetic disorders including Hemophilia, Cystic Fibrosis, and Huntington Disease; "DNA from the Beginning" incorporates a series of progressive multimedia lessons outlining central concepts related to the science of genetics; "Eugenics Image Archive" provides an historical perspective of the American Eugenics movement of the early 20th century; "Genetic Origins" provides background information and instructions for experiments designed to allow students to use their own DNA "fingerprints" to study human evolution; "Bioservers" provides an area from which both students and educators can begin DNA database searches, statistical analyses, and population modelling through the Internet.

**Ecolex: A Gateway to Environmental Law** <http://www.ecolex.org/>

A searchable, global database on environmental law. Includes bibliographic information for treaties, national legislation, court decisions, and literature from international journals and monographs. Links are made to full text if available. Also in French and Spanish.

**\*Endangered Species Program** <http://endangered.fws.gov/>

Provides information about threatened and endangered species, links to relevant laws, Federal Register notices, and the FWS's Endangered Species Bulletin. The main feature is TESS (Threatened and Endangered Species database System) and its associated lists of animals and plants, both foreign and US, with their status. Searchable by species name (common or scientific), taxonomic group, US state, and several other criteria. Updates lists of endangered and threatened species daily. Also includes a frequently updated news section and basic information in Spanish about the Endangered Species Act. A FAQ document, glossary, and links to regional offices of the Fish and Wildlife Services are available.

**Environmental Literacy Council: Acid Rain** <http://www.enviroliteracy.org/article.php/2.html>

Overview of the phenomenon of acid rain, also known as acidic precipitation or acid deposition, which occurs "when sulfur dioxide and nitrogen oxides in the atmosphere [from pollution] react with oxygen in the air to form sulfuric acid (H<sub>2</sub>SO<sub>4</sub>) and nitric acid (HNO<sub>3</sub>)." Includes discussion about the effect of acid rain on aquatic ecosystems, plants, buildings, and human health. Also includes links to related sites.

**Environmental Media Service: Climate Change Facts** <http://www.ems.org/climate/facts.html>

Provides links to "notable scientific institutions and studies that have found that industrial emissions are causing global warming." Also includes information about the status of the ratification of the Kyoto Protocol, briefs and resources about selected topics (such as water and wildfires), and links to related information.

**\*Environmental Research Web** <http://environmentalresearchweb.org/>

Contains a number of different sections. "Opinion" includes a regular column from the editor. "Talking Points" has signed pieces on controversial topics, written by specialists. "Research Highlights" and "Sustainable Futures" include news articles that are either prepared by the editorial board or gleaned from other sources. All articles include links to related Web sources and open-access articles. Where relevant, there are "Restricted Links" to original articles in other subscription-based journals. An open-access journal, Environmental Research Letters, as well as other environmentally related articles published in other IOPP journals, is available in the "Journals" section. Abstracts for each article are provided, and most citations contain a link to the full article. "Research Resources" lists various research centers, societies, data sources, and funding bodies. "Events" are listed by type of event and date, with links to the events' Web sites and descriptions of the events. "Companies" includes the supporting corporate partners and other companies, browsable by category. Free registration is required. From the Institute of Physics Publishing.

**\*EPA-Window to My Environment** [www.epa.gov](http://www.epa.gov)

An interactive site that allows users to obtain local information about environmental issues. Users can identify which landmarks or geographic features are to be mapped and then integrate this with data collected by the partners. Created by the U.S. Environmental Protection Agency in partnership with state and local governments.

**Familiar Birds: Life Histories of Familiar North American Birds** <http://www.birdsbybent.com>

Provides excerpts from "the hundreds of species biographies assembled and written by Arthur Cleveland Bent and his collaborators and published in a twenty-one volume series [entitled 'Life Histories of North American Birds'] between 1919 and 1968 by the United States Government Printing Office." Includes life histories "of the more than 800 species which currently breed, regularly visit, or are occasionally seen somewhere in North America." Searchable and browsable; does not include images.

**Gorilla Foundation** <http://www.koko.org/>

Dedicated to Koko the signing gorilla; includes general information on gorillas, links to other primate sites, videos of Koko and her friends, a children's section with photographs of Koko as a baby, and the first chapters of Francine Patterson's book about how Koko was taught to communicate in American Sign Language (ASL). From a group that studies interspecies communication and works to save gorillas from extinction.

**Gulf of Mexico Dead Zone** <http://serc.carleton.edu/microbelife/topics/deadzone/>

Overview of this "area of hypoxic [low-oxygen] ... waters at the mouth of the Mississippi River. The zone occurs between the inner and mid-continental shelf in the northern Gulf of Mexico, beginning at the Mississippi River delta and extending westward to the upper Texas coast." Discusses causes, effects on marine life and fishing industry, and related topics. Includes link collections for general reading, professionals, and educators.

**Human Brain** <http://www.fi.edu/brain/>

Provides information about nutrition, brain injuries, lead poisoning, the effect of exercise and stress on brain functions, and related health topics (such as Alzheimer's disease/dementia, depression, and stroke).

**Human Genome Project Information** [http://www.ornl.gov/sci/techresources/Human\\_Genome/home.shtml](http://www.ornl.gov/sci/techresources/Human_Genome/home.shtml)

Provides background and updates on the Human Genome Project (data analysis is ongoing). Topics include medical and genetic implications, and ethical, legal, and social issues. From the U.S. Department of Energy Office of Science, Office of Biological and Environmental Research, Human Genome Program.

**Intergovernmental Panel on Climate Change (IPCC)** <http://www.ipcc.ch>

Features reports (including the 2007 report declaring "warming of the climate system is unequivocal"), details about working groups, press releases, and related material. From a panel established by the World Meteorological Organization (WMO) and the United Nations Environmental Programme (UNEP) to assess "the scientific, technical and socio-economic information relevant to understanding the scientific basis of risk of human-induced climate change, its potential impacts and options for adaptation and mitigation." Some documents available in multiple languages.

**International Rhino Foundation (IRF)** <http://www.rhinos-irf.org>

Features images and information about these five species, information about IRF programs in Africa and Asia, and educational resources and games. Also includes information about extinct rhinos, including the woolly rhino. From "a non-profit organization dedicated to the worldwide conservation of the five living species of rhinoceros: Black, White, Indian, Javan and Sumatran."

**Invasive, Exotic, Aquatic and Wetland Plants in the Western United States** <http://www.wapms.org/plants/>

Information about over a dozen plants that cause problems in wetlands in the western United States. Includes descriptions, images, and information about economic importance, distribution, habitat, history, and response to control methods for plants such as smooth cordgrass and Brazilian elodea.

**\*Invasivespecies.gov** [www.invasivespecies.gov](http://www.invasivespecies.gov)

Brings together the endeavors of the government to manage normative species that cause economic or environmental harm or human health risks. Profiles originate from various federal and state resources and include descriptions, photos, history, impact, and distribution.

**iSpecies.org – A Species Search Engine** <http://darwin.zoology.gla.ac.uk/~rpage/ispecies/>

Provides links to documents and images on the animal and plant kingdoms. Takes its information from the National Center for Biotechnology Information (NCBI) and Google Scholar and its visuals from Google

Images. Works best using the scientific name but will also bring up information using the popular name (which will provide the scientific name).

**Life's Greatest Miracle** <http://www.pbs.org/wgbh/nova/miracle/>

A companion to a Public Broadcasting Service (PBS) NOVA program that uses microimagery "to track human development from embryo to newborn." Features the full program (which describes DNA and fetal development from conception through birth), a pregnant mother's journal, and information about prenatal testing, stem cell technology, cell division (meiosis and mitosis), and how sex is determined. Also includes links to resources and a teacher's guide.

**National Biological Information Infrastructure (NBII)** <http://www.nbio.gov/>

"Links diverse, high-quality biological databases, information products, and analytical tools maintained by NBII partners and other contributors in government agencies, academic institutions, non-government organizations, and private industry." Includes a Digital Image Library related to nature and the environment.

**National Science Digital Library (NSDL)** <http://nsdl.org/>

"Provides educational resources for science, technology, engineering and mathematics education." Features links to hundreds of digital resources for teaching and learning about science. Searchable or browsable by topic. Also includes news and highlights from the collection.

**North American Mammals** <http://web4.si.edu/mna/>

Based on the Smithsonian Book of North American Mammals and Mammals of North America; searchable by species name and conservation status, and browsable through a map of North America and an interactive family tree. Also includes a glossary and searchable special collections of skull and bone and teeth images. From the Smithsonian Institution's National Museum of Natural History.

**Open Heart** <http://www.cosi.org/onlineExhibits/openHeart/>

"Through hands-on activities, ... learn how the heart works, how the heart gets into trouble, what can be done to rescue it, and what you can do to keep your heart healthy." Topics covered include anatomy, diseases and diagnostic tools, hospital procedures and careers, and disease prevention. Activities let user assemble the heart, do mock diagnosis and treatment, or observe a virtual surgery. Includes a glossary.

**Personal Emissions Calculator** [http://www.epa.gov/climatechange/emissions/ind\\_calculator.html](http://www.epa.gov/climatechange/emissions/ind_calculator.html)

"Use this online calculator to obtain an estimate of your personal greenhouse gas emissions or your family's greenhouse gas emissions. Then move on to the next section of the calculator to explore actions you and/or your family can take to lower your emissions while reducing your energy and waste disposal costs." Areas covered include transportation, home energy use, and waste and recycling. From the Environmental Protection Agency (EPA).

**Pew Center on Global Climate Change** <http://www.pewclimate.org>

Features a collection of reports on the effects of climate change on the Earth, background information on global warming, and updates on actions taken by governments and the business community. Some information available in French, German, and Spanish. Searchable.

**PlantFacts** <http://plantfacts.osu.edu/>

Consists of the Factsheet Database, a Web crawler that searches through about 60,000 pages of agricultural extension fact sheets from over 40 US and Canadian universities and government research centers, along with images, video clips, and a horticultural glossary.

**\*Plants Database** <http://plants.usda.gov/>

Contains data reports in such areas as plant characteristics and classification and culturally significant, threatened and endangered, and invasive plants. Lists characteristics and provides images and links. Also lists publications and provides fact sheets.

**\*Plant Information Sheets** <http://www.rbgekew.org.uk/ksheets/>

Detailed, illustrated, multipage fact sheets on basic botany, rainforests, invasive species, and more. From the Royal Botanic Gardens at Kew in the United Kingdom.

**Rachel Carson: Pen Against Poison** <http://usinfo.state.gov/products/pubs/carson/>

Contains illustrated essays the woman whose "1962 book 'Silent Spring' brought worldwide attention to the harm to human health and the environment wrought by mishandling of a powerful pesticide, fomenting the environmental movement." Includes a photo gallery and links to related websites. Also available in Spanish.

**Reduce.org** <http://www.reduce.org>

Provides suggestions for reducing personal production of waste materials. "Changing your habits is the key." Topics include office paper, composting, purchasing decisions, junk mail, transportation, holiday activities, and more.

**\*ScienceDaily** <http://www.sciencedaily.com>

Features breaking science news updated every 15 minutes, daily news stories, and a detailed directory of science and health news items. Links to original sources (mostly university research institutes and government agencies) are provided for all news items. Searchable, or browse by topics such as space, mind and brain, fossils, technology, aging, and robotics. The "encyclopedia" is based on reader-contributed content.

**ScienceResearch.com** <http://www.scienceresearch.com>

A "free, publicly available web portal allowing access to numerous scientific journals and public science databases." Also includes links to related sites. Searchable.

**\*Scorecard: The Pollution Information Site** <http://www.scorecard.org/>

Provides an "in-depth pollution report for your county, covering air, water, chemicals, and more." Searchable by zip code. Also includes articles related to pollution.

**Select Exotics: Frequently Asked Questions** <http://www.savannahcatbreed.com/faq.shtml>

Questions and answers about exotic cat breeds. Discusses legal aspects, behavior, care, and related topics. Includes images.

**Theodore Payne Foundation California Native Plant Library**

<http://www.theodorepayne.org/gallery/glossary.htm>

Images and details about native California plants. Browse by scientific or common name, endangered status, flowering season, flower color, water needs, and other factors). Also find garden guides for each season, and planting and growing tips. From a Southern California organization dedicated to promoting and restoring California landscapes, and habitats.

**Tiger Foundation** <http://www.tigers.ca/>

Features facts and trivia, discussions of issues (such as conservation ethics and genetic purity), extensive references and resources (searchable), habitat maps, photos, tiger sounds clips, and related information.

**\*U.S. Fish and Wildlife Service Image Library** <http://images.rws.gov/>

Contains the Service's collection of public domain still photos. Searchable and browseable.



### **Understanding Evolution** <http://evolution.berkeley.edu/>

Designed for teachers of evolutionary theory. Includes illustrated essays on the nature of science, basics of the theory, evidence, relevance, misconceptions, and the history of evolutionary thought. Also includes links to teaching resources and a glossary. Searchable.

### **UnGreening of America** [http://www.motherjones.com/news/featurex/2003/35/we\\_531\\_01.html](http://www.motherjones.com/news/featurex/2003/35/we_531_01.html)

A special report that expands on a Mother Jones magazine issue focusing on the weakening of environmental laws under the current federal administration. Contains a timeline of environmental policy changes, profiles of members of the administration, information on threatened places, and related facts and links.

### **WaterWatch: Current Water Resources Conditions** <http://water.usgs.gov/waterwatch/>

Tracks short-term and historical water levels for rivers and streams. Browsable by state or topic to retrieve maps showing current flood level data, stream flow, potential drought conditions, and more. From the USGS.

### **Whooping Crane: Lessons, Activities and Information**

<http://www.learner.org/jnorth/tm/crane/Resources.html>

"Tells the story of restoring Whooping Cranes to their former Eastern and Midwestern ranges with ultralight planes 'teaching' the way. Follow the five-year adventure." Features highlights of the reintroduction project, discussion and journaling activities, reading and writing curriculum materials, a FAQ, a glossary, and related links.

### **Wild World: Terrestrial Ecoregions of the World**

<http://www.nationalgeographic.com/wildworld/terrestrial.html>

Provides "information and images for all 867 land-based ecoregions on the planet." Click on a map or search to learn about special features, plants, animals, and causes for concern for regions; the page for each region also contains a link to the World Wildlife Fund Scientific Report for the region. Includes an educator's guide, glossary, and links to related sites. From the National Geographic Society. Note: Only supports Netscape and Internet Explorer browsers.

### **Wildlife** <http://www.hsus.org/ace/12104>

Provides extensive information about issues facing wildlife, such as circuses, exotic pets, and animals in zoos; the Cape Wildlife Center in Massachusetts; and the Urban Wildlife Program, which "promotes nonlethal means for resolving conflicts between wildlife and humans," such as model guidelines for nuisance wildlife control, backyard bird feeding, and what to do if you see a turtle in the road. Includes instructional videos. One of five "Animal Information Centers" maintained by the Humane Society.

### **Winter Wise Tips** <http://www.epa.gov/region03/winter/>

"Provides seasonal tips to help you and your family find ways to reduce pollution and learn about the environment." Features resources on winter heating safety, winter air quality, energy efficiency, heating ducts, radon protection, and related topics. From the U.S. Environmental Protection Agency (EPA).

### **World Database of Bird Species** [http://www.researchbuzz.org/world\\_database\\_of\\_bird\\_species\\_.shtml](http://www.researchbuzz.org/world_database_of_bird_species_.shtml)

A database of birds with over 250,000 records. Seems to be more about providing the endangered status of species and less on providing general information about all birds. Can be searched by species, sites, or EBAs (Endemic Bird Areas). Within a species search, search by family, genus, species, common name, region, or country territory. Clicking on the link takes you to a page with information about the species' range, its global population, and its risk for endangerment over the next ten years/three generations.

For books, see **SOME MATERIALS ON BIOLOGY AVAILABLE AT THE MESA COLLEGE LIBRARY** handout.

Except where indicated, descriptions adapted from the [Librarians' Index to the Internet](http://www.lii.org), [www.lii.org](http://www.lii.org).

\* Descriptions adapted from issues of [Booklist](#), [College & Research Libraries News](#), [Library Journal](#), or [Reference & User Services Quarterly](#).

(VO-6/07)

**IF YOU NEED HELP, ASK A LIBRARIAN.**