

Links and Books

IDENTIFICATION AND CLASSIFICATION

Links

Dichotomous Keys: Arthropods

www.amnh.org/learn/biodiversity_counts/ident_help/Text_Keys/arthropod_keyA.htm

Provides dichotomous key and illustrations that provide identification of common arthropods to the order/class level.

Insect Identification

www.kendall-bioresearch.co.uk/key1.htm

Offers dichotomous key and extensive information and photos regarding the main orders of insects.



Key of the Identification of Insects to Order

www.earthlife.net/insects/orders-key.html

Describes how identification keys work and provides a key and additional information for arthropod orders.

Phylum Arthropoda

animaldiversity.ummz.umich.edu/site/accounts/information/Arthropoda.html

Provides information, pictures, sounds, and classification for the phylum Arthropoda.



Books

A Field Guide to Insects: America North of Mexico

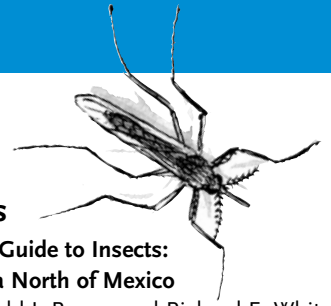
by Donald J. Borror and Richard E. White. Houghton Mifflin, 1998.

Details insect orders and families. Many individual species are illustrated with 1,300 drawings with size lines that indicate the actual length of each insect.

Insects, Spiders, and Other Terrestrial Arthropods

by George C. McGavin. Dorling Kindersley, 2002.

Defines what arthropods are and provides information on how to and how to identify them.



EVOLUTIONARY HISTORY

Links

A Brief History of Life

www.pbs.org/nova/origins/life.html

Explores the history of life on Earth, from the earliest bacteria to the first modern humans.

Insect Evolution

www.fossilmuseum.net/Evolution/evolution%20seque/insect_evolution.htm

Provides background information on insect evolution.

Insect Fossils

www.kendall-bioresearch.co.uk/fossil.htm

Features a chart of various insects sorted into the period in which they lived.

Web Geological Time Machine

www.ucmp.berkeley.edu/help/timeform.html

Indicates when Earth's eons, eras, and periods occurred.

Books

Bugs Before Time: Prehistoric Insects and Their Relatives

by Cathy Camper and Steve Kirk. Simon & Schuster Books for Young Readers, 2002.

Provides an illustrated guide to the ants, spiders, cockroaches, and other organisms that lived millions of years ago.

Evolution of the Insects

by David Grimaldi, Michael S. Engel. Cambridge University Press, 2005. Chronicles the complete evolutionary history of insects, including the relationships and evolution of each order of insect.



The Insects

by Peter Farb. Time-Life Books, 1977.

Examines many aspects of insects and their evolution, including life cycles, physical characteristics, physical and social environments, and habits and behavior.

When Bugs Were Big, Plants Were Strange, and Tetrapods Stalked the Earth

by Hannah Bonner. National Geographic, 2004.

Presents an overview of the Carboniferous and Permian eras (250 million to 355 million years ago), including the plants, insects, and fish and land animals that lived at the time.

