

# Iowa Book Festival:

## Science and Weather

### *General*

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#### **Guides-**

Anonymous. 1999. Iowa Association of Naturalists Booklets. Guthrie Center, IA: Iowa Association of Naturalists.

Savage, Tom. 2007. A dictionary of Iowa place-names. Iowa City : University of Iowa Press.

Mutel, Cornelia Fleischer. 2008. The emerald horizon: the history of nature in Iowa. 1st ed. Iowa City: University of Iowa Press.

#### **Children -**

Sherwood, Elizabeth A. 2008. Science adventures: nature activities for young children. Beltsville, Md.: Gryphon House.

### *Weather*

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#### **Guides -**

Horvitz, Leslie Alan. 2007. The essential book of weather lore : time-tested weather wisdom and why the weatherman isn't always right. Pleasantville, NY : Reader's Digest Association

Harper, Kristine. 2007. Weather and climate: decade by decade. New York: Facts on File.

Svenvold, Mark. 2005. Big weather : chasing tornadoes in the heart of America. New York: Henry Holt and Company.

United States. 1995. Guide to sea state, wind, and clouds. Washington, D.C. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Weather Service.

Hamblyn, Richard. 2008. The cloud book: how to understand the skies. Cincinnati, Ohio: D&C David & Charles : in association with the Met Office.

#### **Children -**

Branley, Franklyn Mansfield. 1988. Tornado alert. New York: Crowell.

Brotak, Ed. 2004. Wild about weather: 50 wet, windy & wonderful activities. New York: Lark Books.

Cole, Joanna. 1995. The magic school bus: inside a hurricane. New York: Scholastic Inc.

Simon, Seymour. 1989. Storms. New York: Morrow Junior Books.

Vekteris, Donna. 2004. Scholastic atlas of weather. New York: Scholastic Reference.

White, Nancy. 2000. Scholastic's The magic school bus kicks up a storm: a book about weather. New York: Scholastic.

## *Animals*

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### **Guides -**

Gardner, Dana. 2008. *Waterfowl in your pocket: a guide to water birds of the Midwest*. Iowa City, Iowa: University of Iowa Press.

-- 2006. *Raptors in your pocket: a guide to Great Plains birds of prey*. Iowa City: University of Iowa Press.

Gardner, Dana and Nancy Overcott. 2003. *Birds at your feeder: a guide to winter birds of the Great Plains*. Iowa City, Iowa : University of Iowa Press.

Hendrix, Steve and Diane M. Debinski. 2003. *Butterflies in your pocket: a guide to butterflies of the upper Midwest*. Iowa City, Iowa : University of Iowa Press.

Johnson, Ann. 2009. *Dragonflies and damselflies in your pocket: a guide to the odonates of the Upper Midwest*. Iowa City, Iowa : University of Iowa Press.

Sherman, Althea R. and Fred J. Pierce. 1996. *Birds of an Iowa dooryard*. Iowa City : University of Iowa Press

Sibley, David. 2003. *The Sibley field guide to birds of eastern North America*. 1st ed. New York : Alfred A. Knopf. 431.

### **Children -**

Lambert, David. 2000. *DK guide to dinosaurs*. New York: Dorling Kindersley Pub.

Małam, John. 2006. *Dinosaur atlas*. New York: Dorling Kindersley.

Murawski, Darlyne. 2000. *Bug faces*. Washington, D.C.: National Geographic Society.

Royston, Angela. 1992. *Insects and crawly creatures*. New York: Aladdin Books.

## *Rocks and Minerals*

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### **Guides -**

Arem, Joel E. 1991. *Rocks and minerals : all-color guide*. Tucson, Ariz.: Geoscience Press. 145.

Cobb, Collier. 1915. *Pocket dictionary of common rocks and rock minerals*, Chapel Hill, N. C.: Department of geology, University of North Carolina.

Rock-Color, Chart Committee. 1991. *Rock-color chart : with genuine Munsell color chips*. 7th printing with rev. text. Boulder, Colo.: Geological Society of America.

### **Children -**

Cole, Joanna. 1987. *The magic school bus: inside the Earth*. New York: Scholastic Inc.

Fardon, John. 2005. *Rock and mineral*. New York: DK Pub.

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## Plants

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### Guides –

Brown, Paul Martin. 2008. *Lady's-slippers in your pocket: a guide to the native lady's-slipper orchids, Cypripedium, of the United States and Canada.* Iowa City, Iowa: University of Iowa Press.

Huffman, D. M. and L. H. Tiffany. 2004. *Mushrooms in your pocket : a guide to the mushrooms of Iowa.* Iowa City, Iowa : University of Iowa Press.

Muller, Mark. 2002. *Woodland in your pocket: a guide to common woodland plants of the Midwest.* Iowa City, Iowa: University of Iowa Press ;.

-- 2000. *Prairie in your pocket: a guide to plants of the tallgrass prairie.* Iowa City, Iowa: University of Iowa Press.

Witt, Bill. 2006. *Orchids in your pocket: a guide to the native orchids of Iowa.* Iowa City: University of Iowa Press.

Armitage, A. M. 2008. *Herbaceous perennial plants: a treatise on their identification, culture, and garden attributes.* Champaign, IL: Stipes Publishing.

-- 2001. *Armitage's manual of annuals, biennials, and half-hardy perennials.* Portland, Or.: Timber Press.

Cynthia, Haynes. 2003. *Perennials for shade.* Ames, Iowa: Iowa State University, University Extension.

Dirr, Michael. 1998. *Manual of woody landscape plants: their identification, ornamental characteristics, culture, propagation and uses.* Champaign, Ill.: Stipes Pub. Co.

-- 1997. *Dirr's Hardy trees and shrubs : an illustrated encyclopedia .* Portland, Or.: Timber Press.

Heger, Mike and John Whitman. 1998. *Growing perennials in cold climates.* Lincolnwood, Ill., U.S.A.: Contemporary Books.

Rose, Nancy, Don Selinger and John Whitman . 2001. *Growing shrubs and small trees in cold climates.* Lincolnwood (Chicago), Ill.: Contemporary Books.

## Stars

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### Guides –

Anonymous. 1999. *Night sky: an explore your world handbook.* New York: Discovery Books.

Chartrand, Mark R. 1999. *The Audubon Society field guide to the night.* New York: A.A. Knopf: Distributed by Random House.

Levy, David H. 2001. *David Levy's guide to the night sky.* Cambridge ; New York: Cambridge University Press.

### Children –

Kudlinski, Kathleen V. 2008. *Boy, were we wrong about the solar system!.* New York: Dutton Children's Books.

Scagell, Robin. 2004. *Night sky atlas.* New York: DK Pub.

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## Websites

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### Weather –

NOAA (National Oceanic and Atmospheric Administration) Cool Sites For Everyone –

<http://www.education.noaa.gov/coolsites.html>

Provides sites and information on safety tips, weather, climate change and our planet, oceans and coasts, and satellites and space.

Google Earth – <http://earth.google.com/>

Google Earth lets you fly anywhere on Earth to view satellite imagery, maps, terrain, 3D buildings, from galaxies in outer space to the canyons of the ocean. You can explore rich geographical content, save your toured places, and share with others.

### Animal –

Paper Dinosaurs – <http://www.rain.org/~philfear/download-a-dinosaur.html>

Download & Print Dinosaurs Paper Models

Origami Dinosaurs – <http://www.paperfolding.com/dinosaurs/>

Instructions for making origami dinosaurs

### Rocks and Minerals –

USGS (U.S. Geological Survey) Learning Web – <http://www.usgs.gov/education/>

Provides scientific information about natural resources, natural hazards, geospatial data, and issues that affect our quality of life. Discover selected online resources, including lessons, data, maps, and more.

### Plants –

Iowa State Extension Publications on Yard and Garden – <http://www.extension.iastate.edu/yardgarden/>

Topics covered include flowers, fruits, gardening basics, houseplants, lawn, trees, shrubs, vegetables, herbs, weeds, and pests.

### Stars –

Explore! From the Lunar and Planetary Institute – <http://www.lpi.usra.edu/education/explore/>

Provides hands-on activities and supporting resources such as presentations, recommended books, and Internet resources on wonders of rockets, space colonies, our solar system, how our planets were shaped, staying healthy in space, and more!

### Misc –

Ghoulish Science Fun This Halloween Season! –

<http://library.stanford.edu/depts/swain/nsflibnews/2007/halloween2007.html>

Information on all different areas of Halloween.

## Contact Information

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