
WEBSITES & OTHER ONLINE RESOURCES (PAFF Resource list) 4/2020

Pennsylvania Firefly Festival, Inc. pafireflyevents.org

PAFF's website, companion to the [firefly festival blog](#), [Facebook page](#), and Twitter feed.

Boston Museum of Science legacy.mos.org/fireflywatch/

MOS has archived the Firefly Watch, a national monitoring program for citizen scientists collecting and submitting firefly data, but past data is still available, and the discussion board is still monitored. Search on *fireflies* to access additional MOS firefly archives. The program, now run by [Mass Audubon](#), will reboot in 2018.

Firefly Experience www.fireflyexperience.org

Radim Schreiber's award winning firefly films/photos; a deeply touching, aesthetic experience!

Tufts University ase.tufts.edu/biology/Firefly/

You want firefly science? Here's the site for you: in-depth but not impossible for the layperson to read. Interesting images and concise text help illustrate what happens when fireflies flash.

Journey North www.learner.org/inorth/tm/spring/Firefly2.html

An excellent learning site with journal questions to guide observance. Suitable for middle & high school. Supported by the Annenberg Foundation.

Fireflyer Companion entnemdept.ufl.edu/lloyd/firefly/

Produced by Dr. James Lloyd. Past issues of an excellent newsletter devoted to fireflies and related topics. Univ. of Florida page includes other useful links as well. You can also access his articles in the *Florida Entomologist* (best search term is firefl*) archive of back issues of this University of Florida journal journals.fcla.edu/flaent/search

The Columbia Encyclopedia, 6th edition 2015 www.encyclopedia.com/topic/firefly.aspx

Biodiversity Heritage Library www.biodiversitylibrary.org/

*Use search term firefl** From a consortium of natural history and botanical libraries, an excellent source for links to digitized texts, research papers and other academic publications made accessible in the public domain.

National Park Service www.nps.gov/grsm/naturescience/fireflies.htm

Great Smoky Mountains National Park 's site about synchronous fireflies and their annual festival. Additional resources and links to useful information.

The History of Luminescence from the earliest times until 1900. An online version of the pioneering book by E. Newton Harvey published in 1957.

archive.org/details/historyoflumines00harv

UC Santa Barbara <http://biolum.eemb.ucsb.edu/>

Univ of California at Santa Barbara's comprehensive website on bioluminescence; with links.

American Museum of Natural History www.amnh.org Enter "fireflies" in the search box
New York City's American Museum of Natural History had a successful exhibit on fireflies in 2015 and has kept some of its related educational programming at the website. An archive of the exhibition, plus fun firefly games, a short article and a blog are featured.

National Geographic animals.nationalgeographic.com/animals/bugs/firefly/

On this site is their online database of living things, including a page on fireflies. See also:

news.nationalgeographic.com/2015/07/150724-fireflies-glow-bugs-summer-nation-science/

National Geographic page on fireflies. Slow loading due to ads but worth exploring. The "news" covers recent developments in research on bioluminescence. The media inserts – reader's photos and Vince Brady time-lapse video footage – are worth the price of admission!

Colorado State University wci.colostate.edu/Assets/pdf/CIIFactSheets/Fireflies.pdf

How far west can you find fireflies? CSU's "Insect of Interest" Fact Sheet offers some excellent basic descriptions of fireflies, habitat, etc., and where they've been sighted in Colorado.

Purdue University Extension Service – 4-H Youth & Entomology

<https://extension.entm.purdue.edu/4hyouth/activities.php>

Activities, how-to videos and useful info for students preparing for 4-H insect competitions.

Firefly.org

<http://www.firefly.org/>

Basic info about fireflies, organized into useful subject categories. Provenance/owner unknown.

Penn State University: The Pennsylvania Firefly *Photuris pennsylvanicus*

<http://www.psu.edu/dept/nkbiology/naturetrail/speciespages/firefly.html>

An informative page posted by Penn State about the Pennsylvania state insect.
