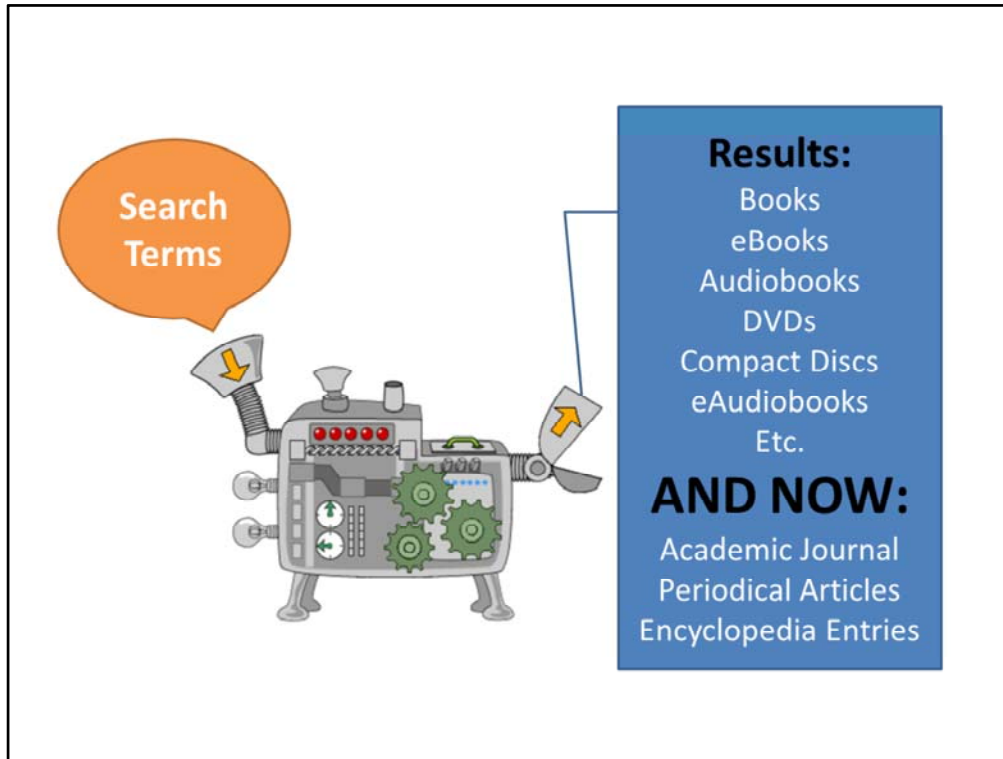




Discovering Articles & Journals Using  
EDS & the Online Catalog



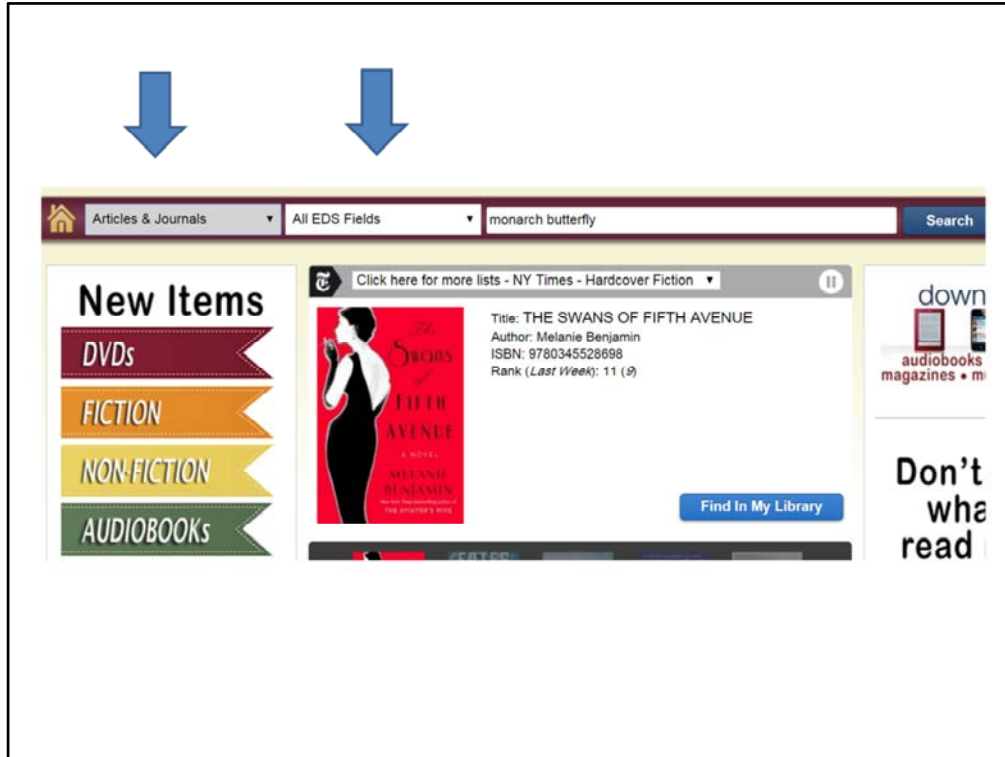
The Ohio Web Library databases are funded in part through an Institute of Museum and Library Services LSTA grant awarded by the State Library of Ohio. Until now, we as staff and library patrons would normally access those databases via the Ohio Web Library or through links on your library's website.



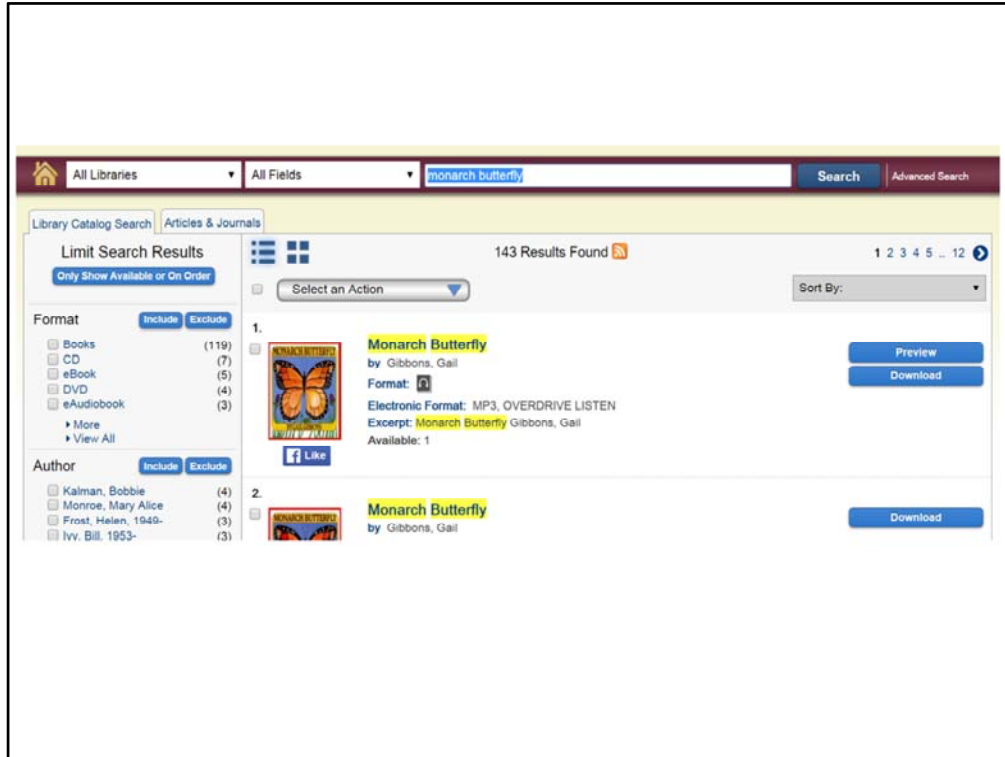
We are so excited to be offering access to those same research resources directly within the online catalog.

So how can we do this?

By using the EBSCO Discovery Service. EDS is a portal that works in conjunction with the online catalog. So when you search for any term within the catalog, it also searches the databases for any articles, journals, or references relating to that search term.



You can use the default search fields to search for your search terms. If you know that you need articles or journal references, you can specifically limit your search to articles and journals. Click the All Libraries dropdown and select Articles & Journals. This will also change your All Fields indexes. You could then limit your search to the following indexes: All Text, Author, Title, Subject, Source, Abstract, ISSN or ISBN. You may want to experiment using the different indexes. The choice of All EDS Fields seems to yield the most relevant results, however Full Text increases the results extensively.



Leaving the default of All Libraries and All Fields when searching will display the results in two tabs. Library Catalog Search and Articles and Journals. The Library Catalog Search tab will display physical items and digital materials, books, DVDs, audiobooks, eBooks, eAudiobooks, etc. Clicking on the Articles & Journal tab will display Research Starters, articles from academic journals, magazine articles, and encyclopedia/reference entries.

The screenshot shows a library search interface with the following elements:

- Search Bar:** "Library Catalog Search" and "Articles & Journals" tabs.
- Results Summary:** "Articles & Journals", "5619 Results Found", and a "Sort By:" dropdown.
- Research Starter:** A section titled "Research Starter" featuring an image of a monarch butterfly and a text block about "Monarch butterfly" (Danaus plexippus), including its characteristics and distribution.
- Search Results List:** Two results are visible:
  - 1. Title Monarch Butterfly:** Includes a book icon, "Format", "Publication Date 2015", and buttons for "Text This To Me" and "Details".
  - 2. Title Selection of Reference Genes for RT-qPCR Analysis in the Monarch Butterfly, Danaus plexippus (L.), a Migrating Bio-Indicator:** Includes a book icon, "Author Pan, Hui-peng", "Format", "Publication Date 2015", and buttons for "Text This To Me", "Details", and "Full Text".
- Limit Search Results Sidebar:** A panel on the right with the following sections:
  - Narrowed by:** "Full Text" (with a "Clear All" button).
  - EDS Expanders:** "Apply equivalent subjects", "Apply related words", "Also search within the full text of the articles".
  - EDS Limiters:** "Scholarly (Peer Reviewed) Journals", "Available in Library Collection", "References Available".
  - Published Date:** "Include" button, "Any" - "Any" range selector.
  - Source Type:**

Magazines	(2002)
News	(1162)
Academic Journals	(430)
Reviews	(158)
Books	(92)
  - Subject:**

monarch butterfly	(1892)
butterflies	(542)
animal migration	(228)
milkweeds	(152)
insects -- migration	(147)

After choosing to view the results in the Articles & Journals tab, you can further refine your search. Use the Expanders, Limiters or Facets located on the right which also include:

- Source Type
- Publication Date
- Subject
- Publisher
- Publication
- Language
- Geography
- Content Provider

The screenshot displays a list of three search results, each with a small icon on the left, a title and author on the right, and two buttons (Text This To Me and Details/Full Text) on the far right. The icons represent different source formats: a book for a reference, a journal cover for an academic journal, and a magazine cover for a periodical.

Item	Icon	Title	Author	Format	Publication Date	Buttons
1.	Monarch Butterfly	Monarch Butterfly		Reference	2015	Text This To Me, Details
2.	Selection Of Reference Genes For RT-qPCR Analysis In	Selection of Reference Genes for RT-qPCR Analysis in the Monarch Butterfly, <i>Danaus plexippus</i> (L.), a Migrating Bio-Indicator.	Pan, Huipeng	Academic Journal	2015	Text This To Me, Details, Full Text
3.	Battle For Butterflies. (Cover Story)	Battle for Butterflies. (cover story)	TANGLEY, LAURA	Periodical	2015	Text This To Me, Details, Full Text

The icons display the source format of the article. For example:

1. Reference
2. Academic Journal
3. Periodical

To view the reference entry or article click on Details or Full Text.

The screenshot shows a web page for the 'Monarch Butterfly' entry. On the left, there is a sidebar with 'Detailed Record' and 'HTML Full Text' options. The main content area features the title 'Monarch Butterfly' and source information: 'Source: Funk & Wagnalls New World Encyclopedia, 2015, 1p.', 'Publication: World Book, Inc., Chicago', 'Document Type: Reference Entry', and 'Accession Number: MO131400'. Below this is a search bar containing 'Monarch Butterfly' and a 'Listen' audio player with a volume control and 'American Accent' dropdown. The main text describes the monarch butterfly as the most common species, *Danaus plexippus*, of the family Danaidae. It mentions its migration patterns and the fact that it lays eggs on the underside of milkweed leaves. At the bottom, there is a copyright notice for 2014 World Almanac Education Group, Inc. On the right side, there is a 'Tools' sidebar with icons for Print, E-mail, Save, Cite, Export, Permalink, Share, Listen, and Translate.

Above is the display of the Funk & Wagnalls New World Encyclopedia entry for Monarch Butterfly.

With any of the formats, you can use any of the tools on the right:

Print

Email- Email the article link to yourself or a friend.

Save- Creates a persistent link to the article.

Cite- View and duplicate citations for your article. Various formats are available.

Export- Save citations to a file.

Permalink- Copy a permanent link to the exact article shown.

Share on Facebook, Twitter, etc.



The screenshot shows a digital encyclopedia entry for "Monarch Butterfly". On the left, there are two buttons: "Detailed Record" and "HTML Full Text". The main content area has a title "Monarch Butterfly" and a "Listen" button with a speaker icon. A blue arrow points to this "Listen" button. To the right of the "Listen" button is a settings cog icon. Below the "Listen" button is a text player with "American Accent" selected. The main text of the article describes the monarch butterfly, its migration, and its relationship with milkweed. On the right side of the page, there is a "Tools" section with various icons for Print, E-mail, Save, Cite, Export, Permalink, Share, Listen, and Translate.

Source: Funk & Wagnalls New World Encyclopedia, 2015, 1p.  
Publication: World Book, Inc., Chicago  
Information:  
Document Type: Reference Entry  
Accession Number: MO131400

Choose Language

Monarch Butterfly

American Accent

**Monarch Butterfly**, the most common species, *Danaus plexippus*, of the family Danaidae, the milkweed butterflies. Their order is Lepidoptera (see Butterflies and Moths.). The monarch occurs throughout the world, mainly in North, Central, and South America. The adult has wings of a striking reddish-brown, with black veins and black borders with two rows of white dots. The wingspread is 10 cm (4 in.).

The females lay their eggs on the underside of milkweed leaves, often found in and around cornfields. (Studies in the U.S. in the late 1990s supported the contention that pollen from a corn that was genetically altered to kill the pest-causing European corn borer can also kill the caterpillars of monarch butterflies.) The larvae feed on the milkweed plants and accumulate a poisonous substance (see Alkaloids.) that makes them distasteful to birds and other predators. The birds learn to recognize their bright pattern and avoid them. The Viceroy, butterfly and the monarch are Mullerian mimics (see Mimicry.).

In North America the monarch butterfly migrates in large groups in the fall, journeying south to California, Florida, and Mexico. The longest flight known for a tagged adult is some 2900 km (some 1800 mi) from Ontario to Mexico. Migratory groups congregate at the same places each winter, such as Pacific Grove, Calif., or the mountains in central Mexico, where the trees may be completely covered with monarchs. During the return trip, most of the butterflies die after depositing eggs along the way; their offspring, when mature, continue the flight north.

Copyright © 2014 World Almanac, Education Group, Inc. Funk & Wagnalls New World Encyclopedia and text may not be copied without their express written permission except for the print or download capabilities of the retrieval software used for access. This text is intended solely for the use of the individual user.  
Source: Funk & Wagnalls New World Encyclopedia  
Accession Number: MO131400

You can also Listen to the article being read. To see further options, click the settings cog.


Library Catalog Search | Articles & Journals

## Articles & Journals

5619 Results Found

Select an Action Sort By: ▾

**Research Starter**



**Monarch butterfly.**  
**Monarch butterfly** (*Danaus plexippus*): familiar member of the milkweed butterfly group (subfamily Danaeinae, order Lepidoptera), known for its large size, its orange and black wings, and its long annual migrations. Monarchs are concentrated in North, Central, and South America but can also be found in Australia, Hawaii, India, and other locations, albeit intermittently in some. Two subspecies of **monarch butterfly** have been recognized. The subspecies *D. plexippus plexippus* is a migratory monarch found primarily in North America and occasionally on islands in the Caribbean region. The subspecies *D. plexippus megalippe* is a nonmigratory form that occurs on the Cayman Islands in the Caribbean... [More](#)

**Limit Search Results**

Narrowed by:  
 Full Text  
[Clear All](#)

**EDS Expanders**  
Apply equivalent subjects  
Apply related words  
Also search within the full text of the articles

**EDS Limiters**  
Scholarly (Peer Reviewed) Journals  
Available in Library Collection  
References Available

**Published Date** [Include](#)  
 -

**Source Type**

Magazines	(2002)
News	(1162)
Academic Journals	(430)
Reviews	(156)
Books	(92)


▸ More  
▸ View All

**Subject**

monarch butterfly	(1892)
butterflies	(542)
animal migration	(228)
milkweeds	(162)
insects -- migration	(147)

▸ More  
▸ View All


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- 

**Title Monarch Butterfly**

Format [Publication Date](#) 2015

[Text This To Me](#)

[Details](#)
- 

**Title Selection of Reference Genes for RT-qPCR Analysis in the Monarch Butterfly, *Danaus plexippus* (L.), a Migrating Bio-Indicator.**


**Author** Pan, Huipeng

Format [Publication Date](#) 2015

[Text This To Me](#)

[Details](#)

[Full Text](#)



To view the article, click Details or Full Text.



## Battle for Butterflies

The fight to bring back North America's dwindling migratory monarchs

BY LAURA TANGLEY

**Motivated to migrate north to spring and summer breeding grounds, monarchs gather by a puddle in the Sierra Chichica, one of a handful of sites in Mexico where the butterflies overwinter. Their numbers have dropped more than 80 percent in the past two decades.**

100 | NATIONAL WILDLIFE

PHOTO: JEFFREY M. HUNTER

After passing the winter hibernated down on evergreens in central Mexico or coastal California, monarch butterflies are on the move again this spring. Flitting 25 to 30 miles a day, the insects are headed north and east toward breeding grounds that by mid-summer will stretch from coast to coast across the United States and as far north as southern Canada.

Conservationists hope gardeners will spot more of the beloved orange-and-black butterflies in their yards this year than last. As this issue went to

press in February, Mexican researchers had just announced results of their annual survey of monarchs nesting in the country's high-elevation, seasonal fir forests—the winter home to 90 percent of North America's monarch population. The scientists estimate that in the winters of 2014 to 2017, these forests hosted 56.6 million monarchs—up 60 percent from the previous year's survey, when the insects' numbers fell to historic lows.

While the news from Mexico was welcome, the increase "does not mean the monarch butterfly has

recovered," says Chip Taylor, director of the nonprofit Monarch Watch and a biologist at the University of Kansas. The latest count remains one of the lowest ever recorded, he notes, "and even if its numbers doubled or tripled, North America's monarch population remains very small and very vulnerable."

According to scientists, the continent's monarch population has declined by more than 80 percent from its average during the past two decades—and by more than 90 percent from its peak of nearly one billion

APRIL/MAY 2018 | WWW.NWTF.ORG | 101

Clicking the Full Text button allows you to see the actual article as it was presented in publication.

The screenshot displays a digital library interface for an article titled "Battle for Butterflies". On the left side, there are three buttons: "Detailed Record", "HTML Full Text", and "PDF Full Text (2.1MB)". The main content area features a "Choose Language" dropdown set to "Translate", the article title "Battle for Butterflies", and a "Listen" button with a play icon and "American Accent" selected. Below this is a "Contents" sidebar with links for "Migratory Marvels", "Transborder Threats", "Butterfly Heroes", and "Monarch Task Force". The article text begins with "The fight to bring back North America's dwindling migratory monarchs" and discusses the decline of monarch butterflies in North America. A "Tools" sidebar on the right includes options for Print, E-mail, Save, Cite, Export, Permalink, and Share.

Selecting the Details button, may display the article as a PDF Full Text article, in text only mode or present the detailed source and abstract information only.

Intraspecific variation in wing colour is related to larval energy reserves in monarch butterflies (*Danaus plexippus*).  
[Access Content](#)

Library Catalog Search | **Articles & Journals**

Limit Search Results  
[Only Show Available or On Order](#)

Format [Include](#) [Exclude](#)

- Books (119)
- CD (7)
- eBook (5)
- DVD (4)
- eAudiobook (3)

[More](#)  
[View All](#)

Author [Include](#) [Exclude](#)





- Kalman, Bobbie (4)
- Monroe, Mary Alice (4)
- Frost, Helen, 1949- (3)
- Ivy, Bill, 1953- (3)
- Children's School of S... (2)

[More](#)  
[View All](#)

Publication Date

143 Results Found

Select an Action

-  **Monarch Butterfly**  
by Gibbons, Gail  
Format:   
Electronic Format: MP3, OVERDRIVE LISTEN  
Excerpt: **Monarch Butterfly** Gibbons, Gail  
Available: 1  
[Like](#)
-  **Monarch Butterfly**  
by Gibbons, Gail  
Format:   
Electronic Format: PDF  
Excerpt: **Monarch Butterfly** Gibbons, Gail  
Available: 2  
[Like](#)

Please note: If you are asked to authenticate and select Access Content, your article will open however, the display returns to the original default. To continue viewing Articles & Journals, you must click the Articles & Journals tab again.

Library Catalog Search | Articles & Journals

Articles & Journals

5619 Results Found

1 2 3 4 5 .. >

Select an Action

Sort By:

**Research Starter**

**Monarch butterfly.**

**Monarch butterfly** (*Danaus plexippus*): familiar member of the milkweed butterfly group (subfamily Danainae, order Lepidoptera), known for its large size, its orange and black wings, and its long annual migrations. Monarchs are concentrated in North, Central, and South America but can also be found in Australia, Hawaii, India, and other locations, albeit intermittently in some. Two subspecies of **monarch butterfly** have been recognized. The subspecies *D. plexippus plexippus* is a migratory monarch found primarily in North America and occasionally on islands in the Caribbean region. The subspecies *D. plexippus megalippe* is a nonmigratory form that occurs on the Cayman Islands in the Caribbean.... [More](#)

1.

**Monarch Butterfly**

Title **Monarch Butterfly**

Format

Publication Date 2015

[Text This To Me](#)

[Details](#)

Research Starters: If there is a Research Starter available for your search term, it will display at the top of the search results list. They are designed to enhance the research experience. A Research Starter is basically a topic overview that includes links to relevant articles, images, and video or audio clips. There are over 64,000 Research Starter topics available.

## **Thank you**

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If you have any questions, please feel free to contact the SEO Library.