



SFE Fact Sheet 2011-3

Getting the Most from Online Fire Resources: Tall Timbers Fire Ecology Database

Carol Kimball, Annie Oxarart, & Alan Long

The Tall Timbers Research Station E.V. Komarek Fire Ecology Database is an online tool that efficiently searches thousands of bibliographic records to help you find fire science information you need (Figure 1). Beginning in 1987 with donations of personal research collections from the founders of Tall Timbers, the Database now contains over 30,400 citations for fire science and research literature. The database is currently As of November, 2017, the database can still be searched, but no new records are being added. For more recent southern fire science research, check out the Southern Fire Exchange's Regional Fire Science Publications Database discussed at the end of this fact sheet. This fact sheet contains a brief description of the extensive Tall Timbers Fire Ecology Database, tips for using it, and where to go for more information.

WHAT IS THE FIRE ECOLOGY DATABASE?

Fire-related bibliographic records from peer-reviewed journal articles, books, government documents, conference proceedings, and magazine and newspaper articles are indexed and cataloged in the Database by the Tall Timbers Librarian. Each item is indexed by several attributes, including fire, ecological, and forestry terms; geographic designations; habitat types; management types; and scientific and com-



The E.V. Komarek Fire Ecology Database

The donation of personal research collections from E. V. Komarek and Herbert L. Stoddard, who were two of the key founders of Tall Timbers, was the original impetus for the Tall Timbers Board of Trustees to mandate creation of a computerized bibliographic database. Since its inception in 1987, the database has been continually expanded under the direction of the Tall Timbers Librarian. Although international in scope, the database emphasizes the southeastern United States, the USA, and North America. Historical and current works are included. Currently, there are over 30,000 citations in the database. The Tall Timbers Fire Ecology Thesaurus is the tool created by the Librarian for indexing database records.

In 2011, the Tall Timbers E. V. Komarek Fire Ecology Database was combined with the Fire Research and Management Exchange System (FRAMES) to provide more access to bibliographic records in a unique, extensive collection of fire ecology and fire science literature. The Library also collaborated with FRAMES with support from the Joint Fire Sciences Program to develop a web-based gateway for fire information called the Southern Fire Portal (SFP), which provides access to fire data, documents, projects, tools, and websites related to fire and natural resource management in the southern United States. The Tall Timbers Fire Ecology Database and the Southern Research Station's online Encyclopedia of Southern Fire Science are key components of the SFP. Because online resources are now readily available for research, Tall Timbers will no longer add records to the database. The database can still be searched, but no new records have been added since November 2017.

Document delivery of materials cited in the database is not provided. Users are encouraged to access local library resources or a commercial document delivery service to obtain materials listed in the database. Most URLs in database records lead to publishers' Web sites. In some recent records, links to PDFs are available.

Database topics include:

- fire ecology
- research forest



mon names. These different attributes allow the search engine to locate relevant and accurate records for the user.

WHAT IS THE BEST WAY TO SEARCH THE DATABASE?

The Database was originally housed on the Tall Timbers Research Station website which still contains a page leading to the database (<https://talltimbers.org/information-resources-the-e-v-komarek-fire-ecology-database/>). However, the database itself is now housed through FRAMES at <https://www.frames.gov/search/ttrs/?q2=trees&button2=Search>. Some helpful resources that have been developed to help you search the Database include:

1. Fire Ecology Thesaurus (www.talltimbers.org/images/fedb/FEDB-thesaurus.pdf): This tool contains a list of all words or phrases used to catalog records in the Database by topics. It does not contain geographic descriptors nor species names. By using the Thesaurus to look up the terms of interest to you, you can find the appropriate search engine keyword as well as related terms, narrower or broader terms, terms to use in place of others, and scope notes. All keywords are shown in the Thesaurus in bold format.
2. List of All Terms (www.talltimbers.org/images/fedb/AllTerms.pdf): In addition to all the keywords from the Keywords List and Thesaurus, this list includes all scientific names, common names, and geographic descriptors that can be used in the database search. These are the only words that will work in the search engine.

Once you select terms for the search engine, click "Search the Fire Ecology Database" in the middle of the page, then enter the search terms in the box and click Search. Be sure to click Reset before each new search. The search box at the top of the webpage is for the Tall Timbers website, not the Database. The search engine for the Database, which is supplied by the Fire Research and Management Exchange System (FRAMES), will search titles, authors, and abstracts for each keyword and term you list.

Figure 1. The Fire Ecology Database is an online tool that searches thousands of bibliographic records.

Tall Timbers E.V. Komarek Fire Ecology Database

The Tall Timbers E.V. Komarek Fire Ecology Database provides access to an extensive collection of fire ecology and fire science literature (including historical works), with an emphasis on the southeastern United States.

To search the entire FRAMES Resource Catalog, please go to the Resource Catalog search page.

Enter search terms
Henslow's sparrow

SEARCH RESET

Type
☐ Document (34)

Topic
☐ Fire Ecology (30)
☐ Prescribed Fire (20)
☐ Fire Effects (8)
☐ Fire Behavior (5)
☐ Fire Occurrence (5)

Show more

Region
☐ Alaska (1)
☐ California (1)
☐ Eastern (8)
☐ Great Basin (1)
☐ Hawaii (1)
☐ International (1)

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Spatial scaling of prevalence and population variation in three grassland sparrows
Henslow's Sparrows (*Ammodramus henslowii*) are distributed in tallgrass prairies in central North America; however, this species is restricted further to specific habitats within these prairies—large expanses with relatively little woody vegetation...
Persons: Dornak, Barnes, Peterson
Year: 2013
Type: Document
Source: TTRS

Winter abundance and habitat use by Henslow's sparrows in Louisiana
Population trend data indicates the Henslow's Sparrow (*Ammodramus henslowii*) is declining. Little information is available on the status, distribution, and habitat requirements of this species during winter. We obtained winter density estimates of...
Persons: Carnie, Wagner, Moore, Sparks, Keith, Melder
Year: 2002
Type: Document
Source: TTRS

Habitat requirements of Henslow's sparrows wintering in silvicultural lands of the Gulf coastal plain
Henslow's Sparrows (*Ammodramus henslowii*) are one of several grassland bird species that has declined during the last several decades. Although several studies have characterized the habitat requirements of breeding Henslow's Sparrows, winter habitat...
Persons: Plentovich, Holler, Hill
Year: 1999
Type: Document
Source: TTRS

Home-range size, response to fire, and habitat preferences of wintering Henslow's sparrows
Henslow's Sparrow (*Ammodramus henslowii*) is one of several grassland bird species that has declined during the last several decades. Although several studies have characterized the habitat requirements of breeding Henslow's Sparrows, winter habitat...
Persons: Bechtoldt, Stouffer
Year: 2005
Type: Document
Source: TTRS

Density and habitat associations of Henslow's Sparrows wintering in saline soil barrens in southern Arkansas
Although the habitat requirements of breeding populations of Henslow's Sparrow (*Ammodramus henslowii*) have been examined, less is known about their habitat requirements and ecology during the nonbreeding season. We estimated population densities...
Persons: Holimon, Witsell, Ballosser, Ridout
Year: 2008
Type: Document
Source: TTRS

Influence of season and frequency of fire on Henslow's sparrows (*Ammodramus henslowii*) wintering on Gulf Coast pitcher plant bogs
Henslow's Sparrow (*Ammodramus henslowii*) is a grassland bird that has suffered drastic population declines for over 30 years. Declining populations can be largely attributed to loss of breeding habitat, but loss of wintering habitat associated...
Persons: Tucker, Robinson
Year: 2003

Figure 2. A search for “Henslow's sparrow” returns 34 bibliographic records.

Your search results in a list of related bibliographic records (Figure 2). Clicking on each item on the list takes you to the Tall Timbers catalog record for that item, which includes

- An abstract or description (available for most records),
- A complete citation for the reference, and
- Other cataloging information.

When multiple citations occur in the list, they may be clustered in the left margin by additional keywords that occur in the records. Each subtopic can be opened to show the references that include, or focus on, these additional terms.

WHAT NEXT?

The Tall Timbers Fire Ecology Database is intended to be a bibliographic resource. For most citations, full documents are not available from the Database. This is to adhere to copyright laws. To gain access to the full documents, users are encouraged to use their local library resources or web-based resources such as TreeSearch (www.treesearch.fs.fed.us), which provides links to many federal documents. In some Database records, such as government publications or newspaper articles, a link to the document may be indicated, but many of the links are non-functional.

SOUTHERN FIRE EXCHANGE'S REGIONAL FIRE SCIENCE PUBLICATIONS DATABASE (RFSPD)

The RFSPD was created to continue on the legacy of having a database of fire science research relevant to the southeastern United States while also adapting to the technological trends and availability of research. Thus Zotero, a free reference manager, was used which allows users to search the database, follow doi/urls to the article's website, export bibliographies to use in other reference managers, or add the RFSPD Zotero group to your own Zotero account to be searched and referenced in your publications. Zotero also does not require users to have a Zotero account to search the database. To learn more about how to utilize the RFSPD, check out the video tutorial (https://www.youtube.com/watch?v=Sy1M_lpQa1o) or pdf tutorial (<https://southernfireexchange.org/wp-content/uploads/Zotero-Tutorial.pdf>). The RFSPD can be accessed through the SFE website (<https://southernfireexchange.org/publications/regional-fire-science-pubs-searchbar/>) or through its Zotero group (<https://www.zotero.org/groups/2521811/>; Fig. 3).

zotero

Log In Register Upgrade Storage

Home Groups People Documentation Forums Get Involved Search for groups

Home > Groups > Regional Fire Science Publications

Regional Fire Science Publications

Group Library

Owner: Southern Fire Exchange
Registered: 2020-06-18
Type: Public
Membership: Open
Library Access: You can only view
Log In or Register to join groups

Members (6)

Recently Added Items

Title	Added By	Date Modified
Public and forest landowner attitudes towards longleaf pine...	drq2814	1/27/2021, 10:51:32
Modeling Low Intensity Fires: Lessons Learned from 2012 RxCAL...	drq2814	1/25/2021, 15:56:37
Forest fire fuel through the lens of remote sensing: Review ...	drq2814	1/25/2021, 15:55:37
Spatial scale in prescribed fire regimes: an understudied as...	drq2814	1/25/2021, 15:55:03
Human-driven greenhouse gas and aerosol emissions cause dist...	mnamstr	1/19/2021, 10:38:37
An Improved Approach for Selecting and Validating Burn Sever...	drq2814	1/13/2021, 09:09:00
Effects of prescribed fire and social insects on saproxylic ...	mnamstr	1/11/2021, 11:32:26
Using GatorEye UAV-Borne LIDAR to Quantify the Spatial and T...	drq2814	1/11/2021, 10:47:56

Figure 3. Regional Fire Science Publications Database Zotero Group Home Page displaying the most recent articles added.

Authors

Carol Kimball, Tall Timbers Research Station and Land Conservancy, Tallahassee, Florida

Annie Oxarart, University of Florida, Gainesville, Florida

Alan Long, Tall Timbers Research Station and Land Conservancy, Tallahassee, Florida

(Revised by A. Dixon on 28-Jan-2021)

For more information on the Southern Fire Exchange,

visit www.southernfireexchange.org or email contactus@southernfireexchange.org.

