



U.S. Fish & Wildlife Service

ECOS **Environmental Conservation Online System**

Conserving the Nature of America

[ECOS](#) / Species Profile for Indiana bat (Myotis sodalis)

Indiana bat (Myotis sodalis)

[Range Information](#) | [Federal Register](#) | [Recovery](#) | [Critical Habitat](#) | [Conservation Plans](#) | [Petitions](#) | [Biological Opinions](#) | [Life History](#)

Taxonomy: [View taxonomy in ITIS](#)

Listing Status: **Endangered**

Where Listed: **WHEREVER FOUND**



General Information

The Indiana bat is a medium-sized Myotis, closely resembling the little brown bat (Myotis lucifugus) but differing in coloration. Its fur is a dull grayish chestnut rather than bronze, with the basal portion of the hairs on the back a dull-lead color. This bat's underparts are pinkish to cinnamon, and its hind feet are smaller and more delicate than in M. lucifugus. The calcar (heel of the foot) is strongly keeled.

The species historical range included Alabama, Arkansas, Connecticut, Georgia, Illinois, Indiana, Iowa, Kentucky, Maryland, Massachusetts, Michigan, Mississippi, Missouri, New Jersey, New York, North Carolina, Ohio, Oklahoma, Pennsylvania, Tennessee, Vermont, Virginia, West Virginia. See below for information about where the species is known or believed to occur.

Current Listing Status Summary

Status	Date Listed	Lead Region	Where Listed
Endangered	03/11/1967	Great Lakes-Big Rivers Region (Region 3)	Wherever found Additional species information

» Range Information

Current Range

Wherever found

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Zoom in! Some species' locations may be small and hard to see from a wide perspective. To narrow-in on locations, check the state and county lists (below) and then use the zoom tool.

• Wherever found

Listing status: **Endangered**

- States/US Territories in which this population is known to or is believed to occur: Alabama , Arkansas , Georgia , Illinois , Indiana , Iowa , Kentucky , Michigan , Mississippi , Missouri , New Jersey , New York , North Carolina , Ohio , Oklahoma , Pennsylvania , Tennessee , Vermont , Virginia , West Virginia
- US Counties in which this population is known to or is believed to occur: [View All](#)
- USFWS Refuges in which this population is known to occur: Big Oaks National Wildlife Refuge, Canaan Valley National Wildlife Refuge, Clarks River National Wildlife Refuge, [... Show All Refuges](#)

» Federal Register Documents

Federal Register Documents

Show 10 entries

Date <input type="checkbox"/>	Citation Page <input type="checkbox"/>	Title
06/20/2016	81 FR 39947	Draft Environmental Assessment, Draft Habitat Conserv... an Application for an Incidental Take Permit, Wildcat Wir

07/08/2014	79 FR 38560 38562	Initiation of 5-Year Status Reviews of Nine Listed Anima
04/19/2013	78 FR 23586 23587	Final Environmental Impact Statement, Habitat Conserv; Programmatic Agreement, Buckeye Wind Power Project
06/29/2012	77 FR 38819 38821	Notice of availability draft EIS and HCP
07/26/2011	76 FR 44564 44566	5-Year Status Reviews of Seven Listed Species: Notice
04/16/2007	72 FR 19015 19016	Draft Indiana Bat Recovery Plan, First Revision; Draft St
03/06/2007	72 FR 9913 9917	90-Day and 12-Month Findings on a Petition To Revise (
09/21/2006	71 FR 55212 55214	Endangered and Threatened Wildlife and Plants; Initiatio Bat
09/22/1977	42 FR 47840 47845	Final Correction and Augumentation of Critical Habitat R
09/24/1976	41 FR 41914	Determination of Critical Habitat for American Crocodile, 41914 (American crocodile, Crocodylus acutus, Californi sodalis; Florida manatee, Trichechus manatus)

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» Recovery

- [Recovery Plan Information Search](#)
- [Information Search FAQs](#)

Current Recovery Plan(s)

Show 10 entries

Date <input type="checkbox"/>	Title <input type="checkbox"/>	
04/16/2007	Indiana Bat (Myotis sodalis) Draft Recovery Plan: First Revision	!

Showing 1 to 1 of 1 entries

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Other Recovery Documents

Show 10 entries

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Date	Citation Page	Title
07/08/2014	79 FR 38560 38562	Initiation of 5-Year Status Reviews of Nine Listed Animal a
07/26/2011	76 FR 44564 44566	5-Year Status Reviews of Seven Listed Species: Notice of for information
04/16/2007	72 FR 19015 19016	Draft Indiana Bat Recovery Plan, First Revision; Draft Surv
09/21/2006	71 FR 55212 55214	Endangered and Threatened Wildlife and Plants; Initiation Pearlymussel and Indiana Bat

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Five Year Review

Show 10 entries

Date	Title
09/29/2009	Indiana bat completed 5-yr review

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Next ☐

» Critical Habitat

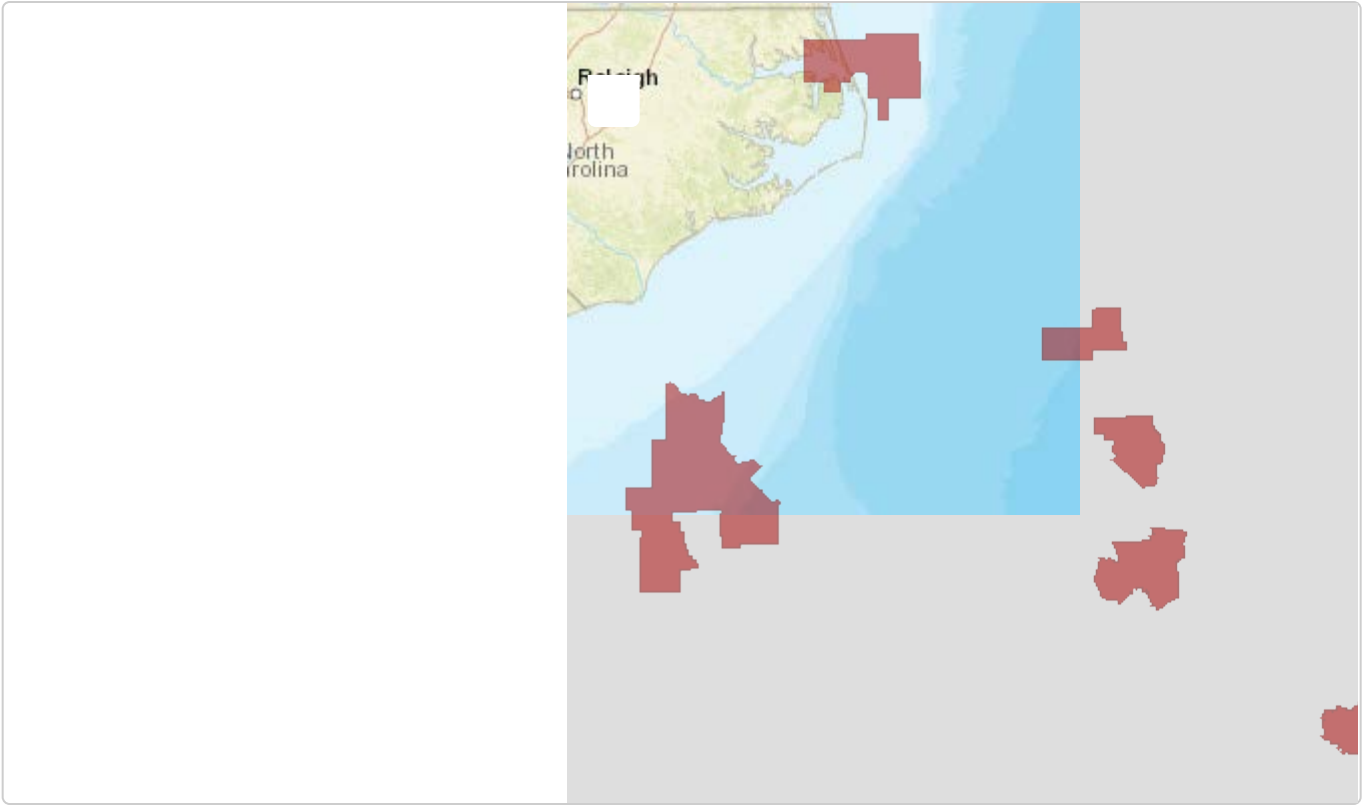
Critical Habitat Spatial Extents

Population(s)

☐ Wherever found

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Date	Citation Page	Title
09/22/1977	42 FR 47840 47845	Final Correction and Augumentation of Critical Habitat Rec 47840 47845
09/24/1976	41 FR 41914	Determination of Critical Habitat for American Crocodile, C Bat, and Florida Manatee; 41 FR 41914 (American crocodi California condor, Gymnogyps californianus; Indiana bat, N manatee, Trichechus manatus)
12/16/1975	40 FR 58308 58312	Proposed Determination of Critical Habitat for Snail Darter, Whooping Crane, California Condor, Indiana Bat, and Flori 58308 58312 (Percina (Imostoma) sp., Crocodylus acutus, Gymnogyps californicus, Myotis sodalis, Trichechus manat

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To learn more about critical habitat please see <http://ecos.fws.gov/crithab>

» Conservation Plans

Habitat Conservation Plans (HCP) ([learn more](#))

Show 10 entries

HCP Plan Summaries
Wildcat Wind Farm
Six Points Road Interchange
Pioneer Trail Wind Farm E.ON
NiSource MSHCP
NiSource MSHCP
NiSource MSHCP
Hoopeston HCP
Fowler Ridge Wind Farm
Criterion Wind Power
Buckeye Wind/EverPower HCP

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» Petitions

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Petition Title	Date Received by the FWS	Where the species is believed to or known to occur	Petitioner Name	Request Action
Multi-species of bats; Petition for rulemaking to enact immediate cave closures to protect bat species from white-nose syndrome; to promulgate	01/21/2010	AL, AR, AZ, CO, CT, DC, DE, FL, GA, IA, IL, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ,	Center for Biological Diversity - Mollie Matteson	APA:

a rule governing the "take" of endangered bat species; and to designate as significant all caves on federal lands in the continental United States		NM, NY, OH, OK, PA, RI, SC, SD, TN, TX, VA, VT, WI, WV, WY, Canada, Mexico		
Indiana Bat (Myotis sodalis); Critical Habitat revision for summer habitat	10/22/2002	AL, AR, GA, IA, IL, IN, KY, MI, MO, MS, NC, NJ, NY, OH, OK, PA, TN, VA, VT, WV	Southern Appalachian Biodiversity Project	APA: Design Critical

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» Biological Opinions



» Life History

» Other Resources

[NatureServe Explorer Species Reports](#) -- NatureServe Explorer is a source for authoritative conservation information on more than 50,000 plants, animals and ecological communities of the U.S and Canada. NatureServe Explorer provides in-depth information on rare and endangered species, but includes common plants and animals too. NatureServe Explorer is a product of NatureServe in collaboration with the Natural Heritage Network.

[ITIS Reports](#) -- ITIS (the Integrated Taxonomic Information System) is a source for authoritative taxonomic information on plants, animals, fungi, and microbes of North America and the world.

[FWS Digital Media Library](#) -- The U.S. Fish and Wildlife Service's National Digital Library is a searchable collection of selected images, historical artifacts, audio clips, publications, and video.

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