

# Bath Springs Sunken Vessel

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## *IPaC Trust Resource Report*

Generated June 26, 2015 09:03 AM MDT



US Fish &amp; Wildlife Service

# IPaC Trust Resource Report



## Project Description

**NAME**

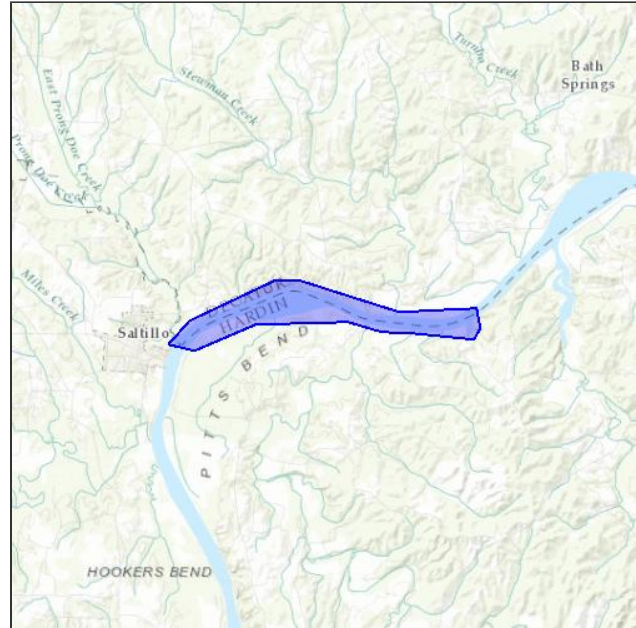
Bath Springs Sunken Vessel

**PROJECT CODE**

VTIPN-O2I2V-CG3JE-MHLTQ-DDQ7D4

**LOCATION**Decatur and Hardin counties,  
Tennessee**DESCRIPTION**

No description provided



## U.S. Fish & Wildlife Contact Information

Species in this report are managed by:

**Tennessee Ecological Services Field Office**

446 Neal Street

Cookeville, TN 38501-4027

(931) 528-6481

# Endangered Species

Proposed, candidate, threatened, and endangered species that are managed by the [Endangered Species Program](#) and should be considered as part of an effect analysis for this project.

This unofficial species list is for informational purposes only and does not fulfill the requirements under [Section 7](#) of the Endangered Species Act, which states that Federal agencies are required to "request of the Secretary of Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action." This requirement applies to projects which are conducted, permitted or licensed by any Federal agency.

A letter from the local office and a species list which fulfills this requirement can be obtained by returning to this project on the IPaC website and requesting an Official Species List from the regulatory documents section.

## Clams

### Clubshell *Pleurobema clava*

**Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=F01D>

### Clubshell *Pleurobema clava*

**Experimental Population, Non-Essential**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=F01D>

### Cracking Pearlymussel *Hemistena lata*

**Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=F01X>

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CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=F01X>

### Fanshell *Cyprogenia stegaria*

**Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=F02H>

**Fanshell** *Cyprogenia stegaria***Experimental Population, Non-Essential**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=F02H>**Orangefoot Pimpleback (pearlymussel)** *Plethobasus cooperianus***Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=F00R>**Orangefoot Pimpleback (pearlymussel)** *Plethobasus cooperianus***Experimental Population, Non-Essential**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=F00R>**Pink Mucket (pearlymussel)** *Lampsilis abrupta***Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=F00G>**Ring Pink (mussel)** *Obovaria retusa***Experimental Population, Non-Essential**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=F00S>**Ring Pink (mussel)** *Obovaria retusa***Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=F00S>**Rough Pigtoe** *Pleurobema plenum***Experimental Population, Non-Essential**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=F00P>**Rough Pigtoe** *Pleurobema plenum***Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=F00P>**Sheepnose Mussel** *Plethobasus cyphus***Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=F046>

**Spectaclecase (mussel)** *Cumberlandia monodonta***Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=F00X>**White Wartyback (pearlymussel)** *Plethobasus***Experimental Population, Non-Essential***cicatricosus*

CRITICAL HABITAT

**No critical habitat** has been designated for this species.<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=F00M>**White Wartyback (pearlymussel)** *Plethobasus cicatricosus***Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=F00M>

## Flowering Plants

**Price's Potato-bean** *Apios priceana***Threatened**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=Q1SW>

## Mammals

**Gray Bat** *Myotis grisescens***Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A04J>**Indiana Bat** *Myotis sodalis***Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A000>**Northern Long-eared Bat** *Myotis septentrionalis***Threatened**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A0JE>

## Critical Habitats

Potential effects to critical habitat(s) within the project area must be analyzed along with the endangered species themselves.

There is no critical habitat within this project area

# Migratory Birds

Birds are protected by the [Migratory Bird Treaty Act](#) and the Bald and Golden Eagle Protection Act.

Any activity which results in the take of migratory birds or eagles is prohibited unless authorized by the U.S. Fish and Wildlife Service ([1](#)). There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

You are responsible for complying with the appropriate regulations for the protection of birds as part of this project. This involves analyzing potential impacts and implementing appropriate conservation measures for all project activities.

<b>American Kestrel</b> <i>Falco sparverius paulus</i> Year-round	<b>Bird of conservation concern</b>
<b>Bachman's Sparrow</b> <i>Aimophila aestivalis</i> Season: Breeding <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B07F">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B07F</a>	<b>Bird of conservation concern</b>
<b>Bald Eagle</b> <i>Haliaeetus leucocephalus</i> Year-round <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B008">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B008</a>	<b>Bird of conservation concern</b>
<b>Blue-winged Warbler</b> <i>Vermivora pinus</i> Season: Breeding	<b>Bird of conservation concern</b>
<b>Chuck-will's-widow</b> <i>Caprimulgus carolinensis</i> Season: Breeding	<b>Bird of conservation concern</b>
<b>Dickcissel</b> <i>Spiza americana</i> Season: Breeding	<b>Bird of conservation concern</b>
<b>Fox Sparrow</b> <i>Passerella iliaca</i> Season: Wintering	<b>Bird of conservation concern</b>
<b>Kentucky Warbler</b> <i>Oporornis formosus</i> Season: Breeding	<b>Bird of conservation concern</b>
<b>Least Bittern</b> <i>Ixobrychus exilis</i> Season: Breeding	<b>Bird of conservation concern</b>
<b>Loggerhead Shrike</b> <i>Lanius ludovicianus</i> Year-round <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0FY">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0FY</a>	<b>Bird of conservation concern</b>
<b>Prairie Warbler</b> <i>Dendroica discolor</i> Season: Breeding	<b>Bird of conservation concern</b>
<b>Prothonotary Warbler</b> <i>Protonotaria citrea</i> Season: Breeding	<b>Bird of conservation concern</b>
<b>Red-headed Woodpecker</b> <i>Melanerpes erythrocephalus</i> Year-round	<b>Bird of conservation concern</b>
<b>Rusty Blackbird</b> <i>Euphagus carolinus</i> Season: Wintering	<b>Bird of conservation concern</b>
<b>Sedge Wren</b> <i>Cistothorus platensis</i> Season: Migrating	<b>Bird of conservation concern</b>

**Short-eared Owl** *Asio flammeus***Bird of conservation concern**

Season: Wintering

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0HD>**Swainson's Warbler** *Limnothlypis swainsonii***Bird of conservation concern**

Season: Breeding

**Wood Thrush** *Hylocichla mustelina***Bird of conservation concern**

Season: Breeding

**Worm Eating Warbler** *Helmitheros vermivorum***Bird of conservation concern**

Season: Breeding

## Refuges

Any activity proposed on [National Wildlife Refuge](#) lands must undergo a 'Compatibility Determination' conducted by the Refuge. If your project overlaps or otherwise impacts a Refuge, please contact that Refuge to discuss the authorization process.

There are no refuges within this project area



# Wetlands

Impacts to [NWI wetlands](#) and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes.

Project proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate [U.S. Army Corps of Engineers District](#).

## DATA LIMITATIONS

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

## DATA EXCLUSIONS

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

## DATA PRECAUTIONS

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

## Freshwater Forested/shrub Wetland

<b>PFO1A</b>	213.0 acres
<b>PFO1C</b>	47.0 acres
<b>PSS1C</b>	0.421 acre

## Freshwater Pond

<b>PUBHx</b>	2.42 acres
<b>PUBH</b>	1.02 acres

## Lake

<b>L1UBHh</b>	83300.0 acres
<b>L2UBHh</b>	119.0 acres

# Riverine

**R2UB3H**

32.4 acres