

WILDLIFE THAT ARE CONSIDERED TO BE ENDANGERED, THREATENED, SPECIES OF CONCERN, SPECIAL INTEREST, EXTIRPATED, OR EXTINCT IN OHIO

January 2009

The Division of Wildlife's mission is to conserve and improve the fish and wildlife resources and their habitats, and promote their use and appreciation by the public so that these resources continue to enhance the quality of life for all Ohioans. The Division has legal authority over Ohio's fish and wildlife, which includes about 56 species of mammals, 200 species of breeding birds, 84 species and subspecies of amphibians and reptiles, 170 species of fish, 100 species of mollusks, and 20 species of crustaceans. In addition, there are thousands of species of insects and other invertebrates which fall under the Division's jurisdiction. Furthermore, Ohio law grants authority to the chief of the Division to adopt rules restricting the taking or possession of native wildlife threatened with statewide extirpation and to develop and periodically update a list of endangered species (Ohio Revised Code 1531.25).

The status of native wildlife species is very important to the Division. While the listing process identifies individual wildlife species needing protection, it also serves as a powerful tool in the Division's planning process. It provides direction for the allocation of personnel time and funds in Division programs and projects.

The first list of Ohio's endangered wildlife was adopted in 1974 and included 71 species. An extensive examination of the list is conducted every five years. The Division seeks input from our staff along with other noted professional and amateur wildlife experts across Ohio. In 2001, as part of our comprehensive management plan, the Division initiated a reevaluation of the endangered species list. During this process, the need for an additional state-list category was recognized and has been designated as "Special Interest." The name of the previous special interest category has been changed to "Species of Concern," but retains its original definition.

Therefore in addition to endangered, the Division uses five other categories: threatened, species of concern, special interest, extirpated, and extinct, to further define the status of selected wildlife. These categories and the species contained within them are dynamic and will be revised as our knowledge of the status of Ohio's wildlife evolves.

Definitions of these categories, a summary of the numbers of species and subspecies in each category, and the list of species and subspecies in each category follow:

ENDANGERED - A native species or subspecies threatened with extirpation from the state. The danger may result from one or more causes, such as habitat loss, pollution, predation, interspecific competition, or disease.

THREATENED - A species or subspecies whose survival in Ohio is not in immediate jeopardy, but to which a threat exists. Continued or increased stress will result in its becoming endangered.

SPECIES OF CONCERN - A species or subspecies which might become threatened in Ohio under continued or increased stress. Also, a species or subspecies for which there is some concern but for which information is insufficient to permit an adequate status evaluation. This category may contain species designated as a furbearer or game species but whose statewide population is dependent on the quality and/or quantity of habitat and is not adversely impacted by regulated harvest.

SPECIAL INTEREST - A species that occurs periodically and is capable of breeding in Ohio. It is at the edge of a larger, contiguous range with viable population(s) within the core of its range. These species have no federal endangered or threatened status, are at low breeding densities in the state, and have not been recently released to enhance Ohio's wildlife diversity. With the exception of efforts to conserve occupied areas, minimal management efforts will be directed for these species because it is unlikely to result in significant increases in their populations within the state.

EXTIRPATED - A species or subspecies that occurred in Ohio at the time of European settlement and that has since disappeared from the state.

EXTINCT - A species or subspecies that occurred in Ohio at the time of European settlement and that has since disappeared from its entire range.

**Number of Species in Major Taxa Classified as Endangered, Threatened,
Species of Concern, Special Interest, Extirpated, or Extinct
in Ohio,
January 2009.**

Taxon	Endangered	Threatened	Species of Concern	Special Interest	Extirpated	Extinct
Mammals	5	0	8	0	9	0
Birds	16	11	13	31	4	2
Reptiles	5	2	13	0	0	0
Amphibians	5	1	2	0	0	0
Fishes	23	13	11	0	5	2
Mollusks	24	4	9	0	14	5
Crayfishes	0	2	3	0	0	0
Isopods	0	0	2	0	0	0
Pseudoscorpions	0	0	1	0	0	0
Dragonflies	13	6	1	0	0	0
Damselflies	3	0	0	0	0	0
Caddisflies	3	6	3	0	0	0
Mayflies	2	0	1	0	0	0
Midges	1	3	1	0	0	0
Crickets	0	0	1	0	0	0
Butterflies	8	1	2	1	1	0
Moths	14	4	22	10	0	0
Beetles	3	2	6	0	0	0
Total	125	55	99	42	32	9

OHIO'S ENDANGERED SPECIES

(updated May 2008)

NOTE: *E & *T denote federal (U.S. Fish and Wildlife Service) listed endangered and threatened species respectively.

MAMMALS

Indiana myotis *E	<i>Myotis sodalis</i>
Allegheny woodrat	<i>Neotoma magister</i>
Bobcat	<i>Lynx rufus</i>
Black bear	<i>Ursus americanus</i>
Snowshoe hare	<i>Lepus americanus</i>

BIRDS

American bittern	<i>Botaurus lentiginosus</i>
Northern harrier	<i>Circus cyaneus</i>
King rail	<i>Rallus elegans</i>
Sandhill crane	<i>Grus canadensis</i>
Piping plover *E	<i>Charadrius melodus</i>
Common tern	<i>Sterna hirundo</i>
Black tern	<i>Chlidonias niger</i>
Yellow-bellied sapsucker	<i>Sphyrapicus varius</i>
Bewick's wren	<i>Thryomanes bewickii</i>
Loggerhead shrike	<i>Lanius ludovicianus</i>
Golden-winged warbler	<i>Vermivora chrysoptera</i>
Kirtland's warbler *E	<i>Dendroica kirtlandii</i>
Lark sparrow	<i>Chondestes grammacus</i>
Trumpeter swan	<i>Cygnus buccinator</i>
Snowy egret	<i>Egretta thula</i>
Cattle egret	<i>Bubulcus ibis</i>

REPTILES

Copperbelly water snake *T	<i>Nerodia erythrogaster neglecta</i>
Eastern plains garter snake	<i>Thamnophis radix radix</i>
Timber rattlesnake	<i>Crotalus horridus horridus</i>
Eastern massasauga	<i>Sistrurus catenatus</i>
Lake Erie water snake *T	<i>Nerodia sipedon insularum</i>

AMPHIBIANS

Eastern hellbender	<i>Cryptobranchus alleganiensis alleganiensis</i>
Blue-spotted salamander	<i>Ambystoma laterale</i>
Green salamander	<i>Aneides aeneus</i>
Cave salamander	<i>Eurycea lucifuga</i>
Eastern spadefoot	<i>Scaphiopus holbrookii</i>

FISHES

Ohio lamprey	<i>Ichthyomyzon bdellium</i>
Northern brook lamprey	<i>Ichthyomyzon fossor</i>
Mountain brook lamprey	<i>Ichthyomyzon greeleyi</i>
Lake sturgeon	<i>Acipenser fulvescens</i>
Shovelnose sturgeon	<i>Scaphirhynchus platyrhynchus</i>
Spotted gar	<i>Lepisosteus oculatus</i>
Shortnose gar	<i>Lepisosteus platostomus</i>
Cisco (or Lake herring)	<i>Coregonus artedii</i>
Goldeye	<i>Hiodon alosoides</i>
Speckled chub	<i>Macrhybopsis aestivalis</i>
Pugnose minnow	<i>Opsopoeodus emiliae</i>
Popeye shiner	<i>Notropis ariomus</i>
Blackchin shiner	<i>Notropis heterodon</i>
Blacknose shiner	<i>Notropis heterolepis</i>
Mississippi silvery minnow	<i>Hybognathus nuchalis</i>
Blue sucker	<i>Cycleptus elongatus</i>
Longnose sucker	<i>Catostomus catostomus</i>
Mountain madtom	<i>Noturus eleutherus</i>
Northern madtom	<i>Noturus stigmosus</i>
Scioto madtom *E	<i>Noturus trautmani</i>
Pirate perch	<i>Aphredoderus sayanus</i>
Western banded killifish	<i>Fundulus diaphanus menona</i>
Spotted darter	<i>Etheostoma maculatum</i>

MOLLUSKS

Snuffbox	<i>Epioblasma triquetra</i>
Ebonysnail	<i>Fusconaia ebena</i>
Fanshell *E	<i>Cyprogenia stegaria</i>
Butterfly	<i>Ellipsaria lineolata</i>
Elephant-ear	<i>Elliptio crassidens crassidens</i>
Purple catspaw *E	<i>Epioblasma o. obliquata</i>
White catspaw *E	<i>Epioblasma obliquata perobliqua</i>
Northern riffleshell *E	<i>Epioblasma torulosa rangiana</i>
Long-solid	<i>Fusconaia maculata maculata</i>
Pink mucket *E	<i>Lampsilis orbiculata</i>
Sharp-ridged pocketbook	<i>Lampsilis ovata</i>
Yellow sandshell	<i>Lampsilis teres</i>
Eastern pondmussel	<i>Ligumia nasuta</i>

MOLLUSKS (cont.)

Washboard	<i>Megaloniaias nervosa</i>
Sheepnose	<i>Plethobasus cyphyus</i>
Clubshell *E	<i>Pleurobema clava</i>
Ohio pigtoe	<i>Pleurobema cordatum</i>
Pyramid pigtoe	<i>Pleurobema rubrum</i>
Rabbitsfoot	<i>Quadrula cylindrica cylindrica</i>
Monkeyface	<i>Quadrula metanevra</i>
Wartyback	<i>Quadrula nodulata</i>
Purple lilliput	<i>Toxolasma lividus</i>
Rayed bean	<i>Villosa fabalis</i>
Little spectaclecase	<i>Villosa lienosa</i>

DRAGONFLIES

Hine's emerald *E	<i>Somatochlora hineana</i>
Mottled darner	<i>Aeshna clepsydra</i>
Plains clubtail	<i>Gomphus externus</i>
American emerald	<i>Cordulia shurtleffi</i>
Uhler's sundragon	<i>Helocordulia uhleri</i>
Frosted whiteface	<i>Leucorrhinia frigida</i>
Elfin skimmer	<i>Nannothemis bella</i>
Canada darner	<i>Aeshna canadensis</i>
Racket-tailed emerald	<i>Dorocordulia libera</i>
Brush-tipped emerald	<i>Somatochlora walshii</i>
Blue corporal	<i>Ladona deplanata</i>
Chalk-fronted corporal	<i>Ladona julia</i>
Yellow-sided skimmer	<i>Libellula flavida</i>

DAMSELFLIES

Lilypad forktail	<i>Ischnura kellicotti</i>
Seepage dancer	<i>Argia bipunctulata</i>
River jewelwing	<i>Calopteryx aequabilis</i>

CADDISFLIES

<i>Chimarra socia</i>
<i>Oecetis eddlestoni</i>
<i>Brachycentrus numerosus</i>

MAYFLIES

<i>Rhithrogena pellucida</i>
<i>Litobranchea recurvata</i>

MIDGES

<i>Rheopelopia acra</i>

BUTTERFLIES

Persius dusky wing	<i>Erynnis persius</i>
Frosted elfin	<i>Incisalia irus</i>
Karner blue *E	<i>Lycaeides melissa samuelis</i>
Purplish copper	<i>Lycaena helloides</i>
Swamp metalmark	<i>Calephelis muticum</i>
Regal fritillary	<i>Speyeria idalia</i>
Mitchell's satyr *E	<i>Neonympha mitchellii</i>
Grizzled skipper	<i>Pygus centaureae wyandot</i>

MOTHS

Unexpected cycnia	<i>Cycnia inopinatus</i>
Graceful underwing	<i>Catocala gracilis</i>
	<i>Spartiniphaga inops</i>
	<i>Hypocoena enervata</i>
	<i>Papaipema silphii</i>
	<i>Papaipema beeriana</i>
	<i>Lithophane semiusta</i>
	<i>Trichoclea artesta</i>
	<i>Tricholita notata</i>
	<i>Melanchra assimilis</i>
Pointed swallow	<i>Epiglaea apiata</i>
	<i>Ufeus plicatus</i>
	<i>Ufeus satyricus</i>
Hebard's noctuid moth	<i>Erythroecia hebardii</i>

BEETLES

Kramer's cave beetle	<i>Pseudanophthalmus krameri</i>
Ohio cave beetle	<i>Pseudanophthalmus ohioensis</i>
American burying beetle *E	<i>Nicrophorus americanus</i>

OHIO'S THREATENED SPECIES

(updated August, 2009)

NOTE: *E & *T denote federal (U.S. Fish and Wildlife Service) listed endangered and threatened species respectively.

BIRDS

Upland sandpiper	<i>Bartramia longicauda</i>
Black-crowned night-heron	<i>Nycticorax nycticorax</i>
Yellow-crowned night-heron	<i>Nyctanassa violacea</i>
Barn owl	<i>Tyto alba</i>
Dark-eyed junco	<i>Junco hyemalis</i>
Hermit thrush	<i>Catharus guttatus</i>
Least bittern	<i>Ixobrychus exilis</i>
Least flycatcher	<i>Empidonax minimus</i>
Bald eagle	<i>Haliaeetus leucocephalus</i>
Peregrine falcon	<i>Falco peregrinus</i>
Osprey	<i>Pandion haliaetus</i>

REPTILES

Kirtland's snake	<i>Clonophis kirtlandii</i>
Spotted turtle	<i>Clemmys guttata</i>

AMPHIBIANS

Mud salamander	<i>Pseudotriton montanus</i>
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FISHES

Brook trout	<i>Salvelinus fontinalis</i>
Bigeye shiner	<i>Notropis boops</i>
Tonguetied minnow	<i>Exoglossum laurae</i>
Greater redhorse	<i>Moxostoma valenciennesi</i>
Channel darter	<i>Percina copelandi</i>
American eel	<i>Anguilla rostrata</i>
Paddlefish *M	<i>Polyodon spathula</i>
Rosyside dace	<i>Clinostomus funduloides</i>
Bigmouth shiner	<i>Notropis dorsalis</i>
Lake chubsucker	<i>Erimyzon sucetta</i>
River darter	<i>Percina shumardi</i>
Bluebreast darter	<i>Etheostoma camurum</i>
Tippecanoe darter	<i>Etheostoma tippecanoe</i>

MOLLUSKS

Black sandshell	<i>Ligumia recta</i>
Threehorn wartyback	<i>Obliquaria reflexa</i>
Fawnsfoot	<i>Truncilla donaciformis</i>
Pondhorn	<i>Unimetus tetralasmus</i>

CRAYFISHES

Sloan's crayfish	<i>Orconectes sloanii</i>
Cavespring crayfish	<i>Cambarus tenebrosus</i>

DRAGONFLIES

Riffle snaketail	<i>Ophiogomphus carolus</i>
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CADDISFLIES

<i>Psilotreta indecisa</i>
<i>Hydroptila albicornis</i>
<i>Hydroptila artesa</i>
<i>Hydroptila koryaki</i>
<i>Hydroptila talledaga</i>
<i>Hydroptila valhalla</i>

MIDGES

<i>Bethbilbeckia floridensis</i>
<i>Apsectrotanypus johnsoni</i>
<i>Radotanypus florens</i>

BUTTERFLIES

Silver-bordered fritillary	<i>Boloria selene</i>
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MOTHS

Wayward nymph	<i>Catocala antinympha</i>
	<i>Spartiniphaga panatela</i>
	<i>Fagitana littera</i>
The pink-streak	<i>Faronta rubripennis</i>

BEETLES

	<i>Cicindela hirticollis</i>
Cobblestone tiger beetle	<i>Cicindela marginipennis</i>

OHIO'S SPECIES of CONCERN

(updated January 2009)

NOTE: *E & *T denote federal (U.S. Fish and Wildlife Service) listed endangered and threatened species respectively.

MAMMALS

Pygmy shrew	<i>Sorex hoyi</i>
Star-nosed mole	<i>Condylura cristata</i>
Eastern small-footed bat	<i>Myotis subulatus</i>
Rafinesque's big-eared bat	<i>Corynorhinus rafinesquii</i>
Southern red-backed vole	<i>Clethrionomys gapperi</i>
Woodland jumping mouse	<i>Napaeozapus insignis</i>
Badger	<i>Taxidea taxus</i>
Ermine	<i>Mustela erminea</i>

BIRDS

Sharp-shinned hawk	<i>Accipiter striatus</i>
Sedge wren	<i>Cistothorus platensis</i>
Marsh wren	<i>Cistothorus palustris</i>
Henslow's sparrow	<i>Ammodramus henslowii</i>
Cerulean warbler	<i>Dendroica cerulea</i>
Prothonotary warbler	<i>Protonotaria citrea</i>
Black vulture	<i>Coragyps atratus</i>
Bobolink	<i>Dolichonyx oryzivorus</i>
Northern bobwhite	<i>Colinus virginianus</i>
Common moorhen	<i>Gallinula chloropus</i>
Great egret	<i>Ardea alba</i>
Sora rail	<i>Porzana carolina</i>
Virginia rail	<i>Rallus limicola</i>

MOLLUSKS

Flat floater	<i>Anodonta suborbiculata</i>
Purple wartyback	<i>Cyclonaias tuberculata</i>
Wavy-rayed lampmussel	<i>Lampsilis fasciola</i>
Round pig-toe	<i>Pleurobema sintoxia</i>
Salamander mussel	<i>Simpsonaias ambigua</i>
Deertoed	<i>Truncilla truncata</i>
Elktoe	<i>Alasmidonta marginata</i>
Kidneyshell	<i>Ptychobranhus fasciolaris</i>
Creek heelsplitter	<i>Lasmigona compressa</i>

REPTILES

Eastern box turtle	<i>Terrapene carolina</i>
Blanding's turtle	<i>Emydoidea blandingii</i>
False map turtle	<i>Graptemys pseudogeographica</i>
Coal skink	<i>Eumeces anthracinus</i>
Black king snake	<i>Lampropeltis getula nigra</i>
Eastern garter snake (melanistic)	<i>Thamnophis sirtalis sirtalis</i>
Rough green snake	<i>Opheodrys aestivus</i>
Eastern fox snake	<i>Elaphe gloydi</i>
Queen snake	<i>Regina septemvittata</i>
Ground skink	<i>Scincella lateralis</i>
Smooth earth snake	<i>Virginia valeriae</i>
Smooth green snake	<i>Liochlorophis vernalis</i>
Shorthead garter snake	<i>Thamnophis brachystoma</i>

AMPHIBIANS

Four-toed salamander	<i>Hemidactylium scutatum</i>
Eastern cricket frog	<i>Acris crepitans crepitans</i>

FISHES

Lake trout	<i>Salvelinus namaycush</i>
Lake whitefish	<i>Coregonus clupeaformis</i>
Burbot	<i>Lota lota</i>
Muskellunge	<i>Esox masquinongy</i>
River redhorse	<i>Moxostoma carinatum</i>
Eastern sand darter	<i>Ammocrypta pellucida</i>
Least darter	<i>Etheostoma microperca</i>
Iowa darter	<i>Etheostoma exile</i>
Spoonhead sculpin	<i>Cottus ricei</i>
Blue catfish	<i>Ictalurus furcatus</i>
Longnose dace	<i>Rhinichthys cataractae</i>

CRAYFISHES

Great Lakes crayfish	<i>Orconectes propinquus</i>
Northern crayfish	<i>Orconectes virilis</i>
Allegheny crayfish	<i>Orconectes obscurus</i>

DRAGONFLIES

Tiger spiketail *Cordulegaster erronea*

MAYFLIES

Stenonema ithica

MIDGES

Cantopelopia gesta

CADDISFLIES

Hydroptila chattanooga

Asynarchus montanus

Nemotaulius hostilis

BUTTERFLIES

Two-spotted skipper *Euphyes bimacula*

Dusted skipper *Atrytonopsis hianna*

MOTHS

Milnei's looper moth *Euchlaena milnei*

Buck moth *Hemileuca maia*

One-eyed sphinx *Smerinthus cerisyi*

Precious underwing *Catocala pretiosa*

Macrochilo bivittata

Phalaenostola hanhami

Paectes abrostolella

Capis curvata

Tarachidia binocula

Apamea mixta

Agroperina lutosa

Columbine borer *Papaipema leucostigma*

Bracken borer moth *Papaipema pterisii*

Osmunda borer moth *Papaipema speciosissima*

Chytonix sensilis

Amolita roseola

Goat sallow *Homoglaea hircina*

Brachylomia algens

Purple arches *Polia purpurissata*

Scurfy quaker *Homorthodes f. furfurata*

Trichosilia manifesta

Agonopterix pteleae

BEETLES

Six-banded longhorn beetle *Dryobius sexnotatus*

Cicindela splendida

Cicindela ancocisconensis

Cicindela cursitans

Cicindela cuprascens

Cicindela macra

ISOPODS

Fern cave isopod

Caecidotea filicispeluncae

Frost cave isopod

Caecidotea rotunda

PSEUDOSCORPIONS

Buckskin cave pseudoscorpion

Apochthonius hobbsi

CRICKETS

Laricis tree cricket

Oecanthus laricis

OHIO'S SPECIES of SPECIAL INTEREST

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BIRDS

Canada warbler	<i>Wilsonia canadensis</i>
Little blue heron	<i>Egretta caerulea</i>
Magnolia warbler	<i>Dendroica magnolia</i>
Northern waterthrush	<i>Seiurus noveboracensis</i>
Winter wren	<i>Troglodytes troglodytes</i>
Black-throated blue warbler	<i>Dendroica caerulescens</i>
Brown creeper	<i>Certhia americana</i>
Chuck-will's-widow	<i>Caprimulgus carolinensis</i>
Bell's vireo	<i>Vireo bellii</i>
Long-eared owl	<i>Asio otus</i>
Mourning warbler	<i>Oporornis philadelphia</i>
Northern saw-whet owl	<i>Aegolius acadicus</i>
Pine siskin	<i>Carduelis pinus</i>
Purple finch	<i>Carpodacus purpureus</i>
Red-breasted nuthatch	<i>Sitta canadensis</i>
Short-eared owl	<i>Asio flammeus</i>
Western meadowlark	<i>Sturnella neglecta</i>
Golden-crowned kinglet	<i>Regulus satrapa</i>
Blackburnian warbler	<i>Dendroica fusca</i>
Blue grosbeak	<i>Guiraca caerulea</i>
Wilson's snipe	<i>Gallinago delicata</i>
American wigeon	<i>Anas americana</i>
Gadwall	<i>Anas strepera</i>
Green-winged teal	<i>Anas crecca</i>
Northern pintail	<i>Anas acuta</i>
Northern shoveler	<i>Anas clypeata</i>
Redhead	<i>Aythya americana</i>
Ruddy duck	<i>Oxyura jamaicensis</i>
Wilson's phalarope	<i>Phalaropus tricolor</i>
Yellow-headed blackbird	<i>Xanthocephalus xanthocephalus</i>
Common raven	<i>Corvus corax</i>

BUTTERFLIES

Olympia marble *Euchloe olympia*

MOTHS

Slender clearwing *Hemaris gracilis*
Sphinx lucitiosa
Tathorhynchus exsiccatus
Catocala marmorata
Catocala maestosa
Subflava sedge borer moth *Archanara subflava*
Caradrina meralis
Calophasia lunula
Leucania insueta
Protorthodes incincta

OHIO'S EXTIRPATED SPECIES

(updated May 2008)

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MAMMALS

Rice rat	<i>Oryzomys palustris</i>
Porcupine	<i>Erethizon dorsatum</i>
Timber wolf	<i>Canis lupus</i>
Marten	<i>Martes americanus</i>
Fisher	<i>Martes pennanti</i>
Mountain lion	<i>Puma concolor</i>
Lynx	<i>Lynx canadensis</i>
Wapiti (Elk)	<i>Cervus canadensis</i>
Bison	<i>Bison bison</i>

Orange-footed pearly mussel *E	<i>Plethobasus cooperianus</i>
Rough pigtoe *E	<i>Pleurobema plenum</i>
Fat pocketbook *E	<i>Potamilus capax</i>
Winged mapleleaf *E	<i>Quadrula fragosa</i>
Mucket	<i>Actinonaias l. ligamentina</i>
Rock pocketbook	<i>Arcidens confragosus</i>
Spectaclecase	<i>Cumberlandia monodonta</i>
Western sand shell	<i>Ligumia subrostrata</i>
Ellipse	<i>Venustaconcha e. ellipsiformis</i>
Tubercled blossom	<i>Epioblasma t. torulosa</i>
Cracking pearly mussel *E	<i>Hemistena lata</i>
White wartyback	<i>Plethobasus cicatricosus</i>
Hickorynut	<i>Obovaria olivaria</i>
Ring pink	<i>Obovaria retusa</i>

BIRDS

Swallow-tailed kite	<i>Elanoides forficatus</i>
Greater prairie-chicken	<i>Tympanuchus cupido</i>
Ivory-billed woodpecker	<i>Campephilus principalis</i>
Bachman's sparrow	<i>Aimophila aestivalis</i>

BUTTERFLIES

Mustard white	<i>Pieris napi</i>
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FISHES

Alligator gar	<i>Lepisosteus spatula</i>
Pugnose shiner	<i>Notropis anogenus</i>
Longhead darter	<i>Percina macrocephala</i>
Gilt darter	<i>Percina evides</i>
Crystal darter	<i>Ammocrypta asprella</i>

MOLLUSKS

OHIO'S EXTINCT SPECIES

(updated May 2008)

NOTE: *E & *T denote federal (U.S. Fish and Wildlife Service) listed endangered and threatened species respectively.

BIRDS

Passenger pigeon	<i>Ectopistes migratorius</i>
Carolina parakeet	<i>Conuropsis carolinensis</i>

MOLLUSKS

Leafshell	<i>Epioblasma flexuosa</i>
Forkshell	<i>Epioblasma lewisi</i>
Round snuffbox	<i>Epioblasma personata</i>
Cincinnati riffleshell	<i>Epioblasma phillipsi</i>
Scioto pigtoe	<i>Pleurobema bournianum</i>

FISHES

Harelip sucker	<i>Lagochila lacera</i>
Blue pike	<i>Sander vitreus glaucus</i>