

EXAMPLES OF SPECIES FOUND IN A ST. LOUIS
Urban Tallgrass Prairie

Woody Plants (e.g., trees, shrubs, vines)

Summac
(Rhus typhina)

Burr Oak
(Quercus macrocarpa)



Herbaceous Plants (e.g., perennials, annuals)

Prairie Pussytoes
(Antennaria neglecta)

Sand Phlox
(Phlox bifida)



Invertebrates (e.g., butterflies, bees, dragonflies)

Eastern Tiger Swallowtail
(Papilio glaucus)

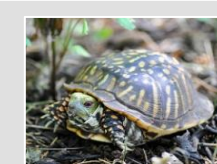
Leaf-footed Bug
(Acanthocephala terminalis)



Herps (e.g., amphibians & reptiles)

Ornate Box Turtle
(Terrapene ornata ornata)

Boreal Chorus Frog
(Pseudacris maculata)



Birds (e.g., song birds, ducks, herons)

American Goldfinch
(Spinus tristis)

Eastern Meadowlark
(Sturnella magna)



Mammals (e.g., deer, coyote, bats)

Coyote
(Canis latrans)

Red Fox
(Vulpes vulpes)



EXAMPLES OF SPECIES FOUND IN A ST. LOUIS
Urban Aquatic/Wetland

Woody Plants (e.g., trees, shrubs, vines)

Buttonbush
(Cephalanthus occidentalis)



River Birch
(Betula nigra)



Herbaceous Plants (e.g., perennials, annuals)

Horsetail
(Equisetum hyemale)



Pennsylvania Sedge
(Carex pensylvanica)



Invertebrates (e.g., butterflies, bees, dragonflies)

Blue Corporal
(Ladona deplanata)



White-lined Sphinx
(Hyles lineata)



Herps (e.g., amphibians & reptiles)

Southern Leopard Frog
(Lithobates sphenoccephalus)



Northern Map Turtle
(Graptemys geographica)



Birds (e.g., song birds, ducks, herons)

Red-winged Blackbird
(Agelaius phoeniceus)



Belted Kingfisher
(Megaceryle alcyon)



Mammals (e.g., deer, coyote, bats)

Muskrat
(Ondatra zibethicus)




American Mink
(Neovison vison)



EXAMPLES OF SPECIES FOUND IN A ST. LOUIS
Urban Forest/Woodland

Woody Plants (e.g., trees, shrubs, vines)

Flowering Dogwood
(Cornus Florida)




Paw Paw
(Asimina triloba)




Herbaceous Plants (e.g., perennials, annuals)

Wild Sweet William
(Phlox divaricate)




Celandine Poppy
(Stylophorum diphyllum)




Invertebrates (e.g., butterflies, bees, dragonflies)

**Eastern Tent Caterpillar
Moth**
(Malacosoma americana)




Question Mark Butterfly
(Polygonia interrogationis)




Herps (e.g., amphibians & reptiles)

Gray Treefrog
(Hyla versicolor)




Western Slimy Salamander
(Ambystoma albagula)




Birds (e.g., song birds, ducks, herons)

Northern Flicker
(Colaptes auratus)




Red-headed Woodpecker
(Melanerpes erythrocephalus)




Mammals (e.g., deer, coyote, bats)

Eastern Chipmunk
(Tamias striatus)



White-tailed Deer
(Odocoileus virginianus)




EXAMPLES OF SPECIES FOUND IN A ST. LOUIS

Urban Designed Greenspace

Woody Plants (e.g., trees, shrubs, vines)

Pin Oak
(*Quercus palustris*)



Catalpa
(*Catalpa speciosa*)



Herbaceous Plants (e.g., perennials, annuals)

Spring Beauty
(*Claytonia virginica*)



Fire Pink
(*Silene virginica*)



Invertebrates (e.g., butterflies, bees, dragonflies)

Spotted Lady Beetle
(*Coleomegilla maculata*)




Spicebush Swallowtail
(*Papilio troilus*)




Herps (e.g., amphibians & reptiles)

Gray Treefrog
(*Hyla versicolor*)



Eastern Garter Snake
(*Thamnophis sirtalis*)



Birds (e.g., song birds, ducks, herons)

Ruby Throated Hummingbird
(*Archilochus colubris*)




Eastern Phoebe
(*Sayornis phoebe*)

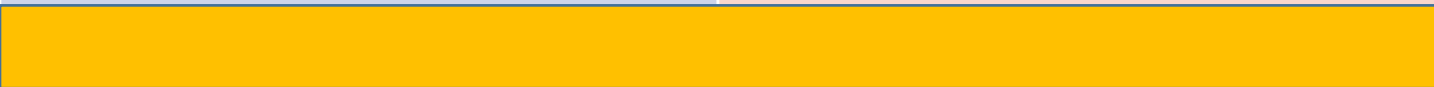


Mammals (e.g., deer, coyote, bats)

Eastern Mole
(*Scalopus aquaticus*)



Groundhog
(*Marmota monax*)



EXAMPLES OF SPECIES FOUND IN A ST. LOUIS

Urban Residential

Woody Plants (e.g., trees, shrubs, vines)

Eastern Redbud
(*Cercis canadensis*)



American Elm
(*Ulmus americana*)



Herbaceous Plants (e.g., perennials, annuals)

Spiderwort
(*Tradescantia ernestiana*)



Golden Ragwort
(*Packera aurea*)



Invertebrates (e.g., butterflies, bees, dragonflies)

Eastern Carpenter Bee
(*Xylocopa virginica*)



Red Admiral Butterfly
(*Vanessa atalanta*)



Herps (e.g., amphibians & reptiles)

Gray Treefrog
(*Hyla versicolor*)



Midland Brownsnake
(*Storeria dekayi*)

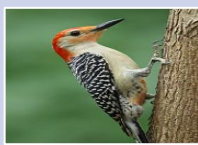


Birds (e.g., song birds, ducks, herons)

Northern Cardinal
(*Cardinalis cardinalis*)



Red Bellied Woodpecker
(*Melanerpes carolinus*)



Mammals (e.g., deer, coyote, bats)

Big Brown Bat
(*Eptesicus fuscus*)



Vole
(*Microtus arvalis*)



The City of St. Louis and local partners are working together to build an Urban Biodiversity Inventory for our area. When you use the iNaturalist app to record observations of wildlife and plants, you help us gather important data about the health of our urban ecosystem! The species below represent possible indicators of urban habitats with high biodiversity. Note that many species can be found in multiple habitat types.

Woody Plants (e.g., trees, shrubs, vines)



American Elm (*Ulmus americana*) Burr Oak (*Quercus macrocarpa*) Buttonbush (*Cephalanthus occidentalis*) Eastern Redbud (*Cercis canadensis*) Flowering Dogwood (*Cornus florida*) Northern Catalpa (*Catalpa speciosa*) Paw Paw (*Asimina triloba*) Pin Oak (*Quercus palustris*) River Birch (*Betula nigra*) Summac (*Rhus* spp.)

Herbaceous Plants (e.g., perennials, annuals)



Celandine Poppy (*Stylophorum diphyllum*) Fire Pink (*Silene virginica*) Golden Ragwort (*Packera aurea*) Horsetail (*Equisetum hyemale*) Pennsylvania Sedge (*Carex pensylvanica*) Prairie Pussytoes (*Antennaria neglecta*) Sand Phlox (*Phlox bifida*) Spiderwort (*Tradescantia ernestiana*) Spring Beauty (*Claytonia virginica*) Wild Sweet William (*Phlox divaricate*)

Invertebrates (e.g., butterflies, bees, dragonflies)



Blue Corporal (*Ladona deplanata*) Eastern Carpenter Bee (*Xylocopa virginica*) E. Tent Caterpillar Moth (*Malacosoma americana*) E. Tiger Swallowtail (*Papilio glaucus*) Leaf-footed Bug (*Acanthocephlat erminalis*) Question Mark Butterfly (*Polygona interrogatiosis*) Red Admiral Butterfly (*Vanessa atalanta*) Spicebush Swallowtail (*Papilio troilus*) Spotted Lady Beetle (*Coleomegilla maculata*) White-lined Sphinx (*Hyles lineata*)

Herps (e.g., amphibians & reptiles)



American Toad (*Anaxyrus americanus*) Boreal Chorus Frog (*Pseudacris maculata*) Eastern Gartersnake (*Thamnophis sirtalis*) Gray Treefrog (*Hyla versicolor*) Midland Brownsnake (*Storeria dekayi*) Northern Map Turtle (*Graptemys geographica*) Ornate Box Turtle (*Terrapene ornata ornata*) Southern Leopard Frog (*Lithobates sphenoccephalus*) Western Slimy Salamander (*Ambystoma albagula*)

Birds (e.g., song birds, ducks, herons)



American Goldfinch (*Spinus tristis*) Belted Kingfisher (*Megaceryle alcyon*) Red-winged Blackbird (*Agelaius phoeniceus*) Eastern Meadowlark (*Sturnella magna*) Eastern Phoebe (*Sayornis phoebe*) Northern Cardinal (*Cardinalis cardinalis*) Northern Flicker (*Colaptes auratus*) Red-headed Woodpecker (*Melanerpes erythrocephalus*) Red Bellied Woodpecker (*Melanerpes carolinus*) Ruby Throated Hummingbird (*Archilochus colubris*)

Mammals (e.g., deer, coyote, bats)



American Mink (*Neovison vison*) Big Brown Bat (*Eptesicus fuscus*) Coyote (*Canis latrans*) Eastern Chipmunk (*Tamias striatus*) Eastern Mole (*Scalopus aquaticus*) Groundhog (*Marmota monax*) Muskrat (*Ondatra zibethicus*) Red Fox (*Vulpes vulpes*) Vole (*Microtus arvalis*) White-tailed Deer (*Odocoileus virginianus*)