

DEPARTMENT OF NATURAL RESOURCES 331
NR 27

COMMON NAME	SCIENTIFIC NAME	KNOWN DISTRIBUTION	U.S. STATUS: E (Endangered) OR T (Threatened)
8. Pearly mussel, green-blossom	<i>Epioblasma torulosa gubernaculum</i>	USA (VA, TN)	E
9. Pearly mussel, Higgin's eye	<i>Lampsilis higginsii</i>	USA (MN, WI, IL, MO)	E
10. Pearly mussel, Nicklin's	<i>Megaloniais nicklineana</i>	Mexico	E
11. Pearly mussel, orange-footed	<i>Plethobasis cooperianus</i>	USA (AL, TN)	E
12. Pearly mussel, pale lilliput	<i>Toxolasma cylindrella</i>	USA (AL, TN)	E
13. Pearly mussel, pink mucket	<i>Lampsilis orbiculata orbiculata</i>	USA (AL, WV, TN)	E
14. Pearly mussel, Sampson's	<i>Epioblasma sampsoni</i>	USA (IN, IL)	E
15. Pearly mussel, Tampico	<i>Cyrtoniais tampicoensis tecomatensis</i>	Mexico	E
16. Pearly mussel, tubercled-blossom	<i>Epioblasma torulosa torulosa</i>	USA (KY, IL, TN, WV)	E
17. Pearly mussel, turgid-blossom	<i>Epioblasma turgidula</i>	USA (TN)	E
18. Pearly mussel, white cat's eye	<i>Epioblasma sulcata delicata</i>	USA (OH, MI, IN)	E
19. Pearly mussel, white wartyback	<i>Phethobasis cicatricosus</i>	USA (AL, IN)	E
20. Pearly mussel, yellow-blossom	<i>Epioblasma florentina florentina</i>	USA (TN)	E
21. Pigtoe, fine-rayed	<i>Fusconaia cancolus</i>	USA (VA, AL, TN)	E
22. Pigtoe, rough	<i>Pleurobema plenum</i>	USA (KY, VA, TN)	E
23. Pigtoe, shiny	<i>Fusconaia edgariana</i>	USA (VA, AL, TN)	E
24. Pocketbook, fat	<i>Potamilus capax</i>	USA (AR, MO)	E
25. Riffle shell clam, tan	<i>Epioblasma walkeri</i>	USA (TN, VA, KY)	E
(h) CRUSTACEANS			
1. Isopod, Socorro	<i>Exosphaeroma thermophilus</i>	USA (NM)	E
(i) INSECTS			
1. Butterfly, Bahama swallowtail	<i>Papilio andraemon bonhotei</i>	USA (FL), Bahamas	T
2. Butterfly, El segundo blue	<i>Shijimiaeoides battoides allyni</i>	USA (CA)	E
3. Butterfly, Lange's metalmark	<i>Apodemia normo langei</i>	USA (CA)	E
4. Butterfly, Lotis blue	<i>Lycides argyrognomon lotis</i>	USA (CA)	E
5. Butterfly, mission blue	<i>Icaricia icarioides missionensis</i>	USA (CA)	E
6. Butterfly, San Bruno elfin	<i>Callophrys mosii bayensis</i>	USA (CA)	E
7. Butterfly, Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>	USA (FL)	T
8. Butterfly, Smith's blue	<i>Shijimiaeoides enoptes smithi</i>	USA (CA)	E
SCIENTIFIC NAME	COMMON NAME	KNOWN DISTRIBUTION	U.S. STATUS: E (Endangered) OR T (Threatened)
(j) PLANTS			
1. Betulaceae, Birch family:			
a. <i>Betula uber</i>	Virginia round-leaf birch	USA (VA)	E
2. Brassicaceae, Mustard family:			
a. <i>Arabis macdonaldiana</i>	McDonald's rock cress	USA (CA)	E
b. <i>Erysimum capitatum</i> var. <i>angustatum</i>	Contra Costa wallflower	USA (CA)	E

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3. Crassulaceae, Stonecrop family:			
a. <i>Dudleya traskiae</i>	Santa Barbara Island liveforever	USA (CA)	E
4. Fabaceae, Pea family:			
a. <i>Astragalus perianus</i>	Rydberg milk-vetch	USA (UT)	T
b. <i>Baptisia archnifera</i>	hairy rattleweed	USA (GA)	E
c. <i>Lotus scopius</i> ssp. <i>traskiae</i>	San Clemente broom	USA (CA)	E
d. <i>Vicia menziesii</i>	Hawaiian wild broad-bean	USA (Hawaii)	E
5. Hydrophyllaceae, Waterleaf family:			
a. <i>Phacelia argillacea</i>	unnamed phacelia	USA (UT)	E
6. Lamiaceae, Mint family:			
a. <i>Pogogyne abramsii</i>	San Diego pogogyne	USA (CA)	E
7. Liliaceae, Lily family:			
a. <i>Trillium persistens</i>	persistent trillium	USA (GA, SC)	E
8. Malvaceae, Mallow family:			
a. <i>Malacothamnus clementinus</i>	San Clemente Island bushmallow	USA (CA)	E
9. Onagraceae, Evening-primrose family:			
a. <i>Oenothera avila</i> ssp. <i>eurekaensis</i>	Eureka evening-primrose	USA (CA)	E
b. <i>Oenothera deltooides</i> ssp. <i>howellii</i>	Antioch dunes evening-primrose	USA (CA)	E
10. Poaceae, Grass family:			
a. <i>Orcuttia mucronata</i>	Crampton's Orcutt grass	USA (CA)	E
b. <i>Swallenia alexandrae</i>	Eureka dune grass	USA (CA)	E
c. <i>Zizania texana</i>	Texas wild-rice	USA (TX)	E
11. Ranunculaceae, Buttercup family:			
a. <i>Aconitum noveboracense</i>	northern wild monkshood	USA (IA, NY, OH, WI)	T
b. <i>Delphinium kinkiense</i>	San Clemente Island larkspur	USA (CA)	E
12. Scrophulariaceae, snapdragon family:			
a. <i>Castilleja grisea</i>	San Clemente Island Indian paintbrush	USA (CA)	E
b. <i>Cordylanthus maritimus</i> ssp. <i>maritimus</i>	salt marsh bird's beak	USA (CA), Mexico	E
c. <i>Pedicularis furbishiae</i>	Furbish lousewort	USA (ME), Canada (New Brunswick)	E

(2) WISCONSIN ENDANGERED SPECIES LIST

(a) Mammals

1. Pine Marten - *Martes americana*
2. Canada Lynx - *Lynx canadensis*
3. Timber Wolf - *Canis lupus* (also U.S. Endangered)

(b) Birds

1. Double-crested Cormorant - *Phalacrocorax auritus*
2. Bald Eagle - *Haliaeetus leucocephalus* (also U.S. Threatened)
3. Osprey - *Pandion haliaetus*
4. Peregrine Falcon - *Falco peregrinus* (also U.S. Endangered)
5. Piping Plover - *Charadrius melodus*
6. Forester's Tern - *Sterna forsteri*
7. Common Tern - *Sterna hirundo*
8. Barn Owl - *Tyto alba*

(c) Reptiles

1. Wood Turtle - *Clemmys insculpta*
2. Ornate Box Turtle - *Terrapene ornata*
3. Queen Snake - *Regina septemvittata*
4. Western Ribbon Snake - *Thamnophis proximus*
5. Northern Ribbon Snake - *Thamnophis sauritus*
6. Massasauga - *Sistrurus catenatus*

(d) Amphibians None

(e) Fishes

1. Gravel Chub - *Hybopsis x-punctata*
2. Striped Shiner - *Notropis chrysocephalus*
3. Slender Madtom - *Noturus exilis*
4. Starhead Topminnow - *Fundulus notti*
5. Crystal Darter - *Ammocrypta asprella*
6. Gilt Darter - *Percina evides*
7. Bluntnose Darter - *Etheostoma chlorosomum*

(f) Molluscs

1. Higgins Eye Pearly Mussel - *Lampsilis higginsii* (also U.S. Endangered)

(g) Plants

1. *Anemone caroliniana* - Carolina Anemone (Ranunculaceae: Crowfoot Family)
2. *Anemone multifida* - no common name (Ranunculaceae: Crowfoot family)
3. *Arenaria macrophylla* - no common name (Caryophyllaceae: Pink Family)
4. *Armoracia aquatica* - Lake Cress (Brassicaceae: Mustard Family)
5. *Asplenium viride* - Green Spleenwort (Polypodiaceae: Fern Family)
6. *Astragalus alpinus* - Alpine Milk Vetch (Fabaceae: Bean Family)
7. *Astragalus crassicaulus* - Prairie Plum (Fabaceae: Bean Family)
8. *Botrychium lunaria* - Moonwort (Ophioglossaceae: Adder's-tongue Family)
9. *Caltha natans* - a Marsh Marigold (Ranunculaceae: Crowfoot Family)
10. *Carex crus-corvi* - no common name (Cyperaceae: Sedge Family)
11. *Carex lupuliformis* - no common name (Cyperaceae: Sedge Family)
12. *Carex media* - no common name (Cyperaceae: Sedge Family)
13. *Catabrosa aquatica* - Brook Grass (Poaceae: Grass Family)
14. *Collinsonia canadensis* - Stoneroot (Lamiaceae: Mint Family)
15. *Conioselinum chinense* - Hemlock-parsley (Apiaceae: Parsley Family)
16. *Diarrhena americana* - Beak Grass (Poaceae: Grass Family)
17. *Draba lanceolata* - no common name (Brassicaceae: Mustard Family)
18. *Eleocharis quadrangulata* - a Spike-rush (Cyperaceae: Sedge Family)
19. *Erigenia bulbosa* - Harbinger-of-Spring (Apiaceae: Parsley Family)
20. *Fimbristylis puberula* - no common name (Cyperaceae: Sedge Family)
21. *Fuirena pumila* - Umbrella Sedge (Cyperaceae: Sedge Family)
22. *Geocalalon lividum* - Northern Comandra (Santalaceae: Sandal-wood Family)
23. *Liatris punctata* - Dotted Blazing Star (Asteraceae: Composite Family)
24. *Listera auriculata* - Auricled Twayblade (Orchidaceae: Orchid Family)
25. *Melica smithii* - Smith Melic Grass (Poaceae: Grass Family)
26. *Parnassia parviflora* - a Grass-of-Parnassus (Saxifragaceae: Saxifrage Family)
27. *Phlox glaberrima* - Smooth Phlox (Polemoniaceae: Phlox Family)
28. *Pinguicula vulgaris* - Butterwort (Lentibulariaceae: Bladderwort Family)
29. *Plantago cordata* - Heart-leaved Plantain (Plantaginaceae: Plantain Family)
30. *Polygala incarnata* - Pink Milkwort (Polygalaceae: Milkwort Family)
31. *Prenanthes aspera* - Rough White Lettuce (Asteraceae: Composite Family)
32. *Prenanthes crepidinea* - Great White Lettuce (Asteraceae: Composite Family)
33. *Pterospora andromedea* - Pine-drops (Pyrolaceae: Wintergreen Family)
34. *Pyrola minor* - Small Shinleaf (Pyrolaceae: Wintergreen Family)
35. *Ranunculus cymbalaria* - Seaside Crowfoot (Ranunculaceae: Crowfoot Family)
36. *Ranunculus gmelinii* - Small Yellow Water Crowfoot (Ranunculaceae: Crowfoot Family)
37. *Rhododendron lapponicum* - Lapland Rosebay (Ericaceae: Heath Family)
38. *Ruellia humilis* - Wild Petunia (Acanthaceae: Acanthus Family)
39. *Salix cordata* - Sand Dune Willow (Salicaceae: Willow Family)
40. *Scirpus cespitosus* - no common name (Cyperaceae: Sedge Family)
41. *Selaginella selaginoides* - no common name (Selaginellaceae: Selaginella Family)
42. *Solidago caesia* - Blue-stemmed Goldenrod (Asteraceae: Composite Family)
43. *Tanacetum huronense* - Lake Huron Tansy (Asteraceae: Composite Family)
44. *Thaspium barbinode* - Hairy Meadow Parsnip (Apiaceae: Parsley Family)
45. *Tiarella cordifolia* - Foamflower (Saxifragaceae: Saxifrage Family)
46. *Vaccinium cespitosum* - Dwarf Bilberry (Ericaceae: Heath Family)
47. *Vaccinium vitis-idaea* - Mountain Cranberry (Ericaceae: Heath Family)
48. *Viburnum edule* - Squashberry (Caprifoliaceae: Honeysuckle Family)
49. *Viola fimbriatula* - a Violet (Violaceae: Violet Family)

(3) WISCONSIN THREATENED SPECIES LIST

(a) Mammals - None

(b) Birds

1. Great Egret - *Casmerodius albus*
2. Greater Prairie Chicken - *Tympanuchus cupido pinnatus*

NR 27

3. Cooper's Hawk - *Accipiter cooperii*
4. Red-shouldered Hawk - *Buteo lineatus*
5. Loggerhead Shrike - *Lanius ludovicianus*

(c) Reptiles

1. Glass Lizard - *Ophisaurus attenuatus*
2. Blanding's Turtle - *Emydoidea blandingi*

(d) Amphibians

1. Spotted Salamander - *Ambystoma maculatum*
2. Tremblay's Salamander - *Ambystoma tremsblayi*
3. Burns' Leopard Frog - *Rana pipiens burnsii*
4. Pickerel Frog - *Rana palustris*

(e) Fishes

1. Goldeye - *Hiodon alosoides*
2. Speckled Chub - *Hybopsis aestivalis*
3. Pallid Shiner - *Notropis amnis*
4. Blue Sucker - *Cyctleptus elongatus*
5. Black Buffalo - *Ictiobus niger*
6. River Redhorse - *Moxostoma carinatum*
7. Longear Sunfish - *Lepomis megalotis*
8. Mud Darter - *Etheostoma asprigene*
9. Pugnose Shiner - *Notropis anogenus*
10. Ozark Minnow - *Dionda nubila*

(f) Molluscs - None

(g) Plants

1. *Aconitum novaboracense* - Northern Monkshood (Ranunculaceae: Crowfoot Family)
(also U.S. Threatened)
2. *Adoxa moschatellina* - Muskroot (Adoxaceae: Moschatel Family)
3. *Agropyron dasystachyum* - Thickspike Wheatgrass (Poaceae: Grass Family)
4. *Asclepias sullivantii* - Prairie Milkweed (Asclepiadaceae: Milkweed Family)
5. *Carex concinna* - no common name (Cyperaceae: Sedge Family)
6. *Carex lenticularis* - Lenticular Sedge (Cyperaceae: Sedge Family)
7. *Carex michauxiana* - no common name (Cyperaceae: Sedge Family)
8. *Cirsium pitcheri* - Dune Thistle (Asteraceae: Composite Family)
9. *Cypripedium arietinum* - Ram's-head Lady's-slipper (Orchidaceae: Orchid Family)
10. *Cypripedium candidum* - White Lady's slipper (Orchidaceae: Orchid Family)
11. *Drosera anglica* - a Sundew (Droseraceae: Sundew Family)
12. *Drosera linearis* - a Sundew (Droseraceae: Sundew Family)
13. *Echinacea pallida* - Purple Coneflower (Asteraceae: Composite Family)
14. *Festuca occidentalis* - Western Fescue (Poaceae: Grass Family)
15. *Fraxinus quadrangulata* - Blue Ash (Oleaceae: Olive Family)
16. *Habenaria flava* var. *herbiola* - Tubercled Orchid (Orchidaceae: Orchid Family)
17. *Habenaria leucophaea* - Prairie White-fringed Orchid (Orchidaceae: Orchid Family)
18. *Iris lacustris* - Dwarf Lake Iris (Iridaceae: Iris Family)
19. *Lespedeza leptostachya* - Prairie Bush-clover (Fabaceae: Bean Family)
20. *Listera convallarioides* - Broad-leaved Twayblade (Orchidaceae: Orchid Family)
21. *Opuntia fragilis* - Brittle Prickly Pear (Cactaceae: Cactus Family)
22. *Orchis rotundifolia* - Small Round-leaved Orchis (Orchidaceae: Orchid Family)
23. *Orobanche fasciculata* - Clustered Broomrape (Orobanchaceae: Broomrape Family)
24. *Oxytropis campestris* var. *chartacea* - no common name (Fabaceae: Bean Family)
25. *Parnassia palustris* - a Grass-of-Parnassus (Saxifragaceae: Saxifrage Family)
26. *Parthenium intergrifolium* - Wild Quinine (Asteraceae: Composite Family)
27. *Petasites sagittatus* - Sweet Coltsfoot (Asteraceae: Composite Family)
28. *Polystichum braunii* - Braun's Holly Fern (Polypodiaceae: Fern Family)
29. *Potamogeton confervoides* - no common name (Potamogetonaceae: Pondweed Family)
30. *Polytaenia nuttallii* - Prairie-parsley (Apiaceae: Parsley Family)
31. *Psilocarya scirpoides* - Bald Rush (Cyperaceae: Sedge Family)
32. *Ribes oxycanthoides* - Hawthorn-leaved Gooseberry (Saxifragaceae: Saxifrage Family)
33. *Solidago spathulata* var. *gillmani* - Dune Goldenrod (Asteraceae: Composite Family)
34. *Tofieldia glutinosa* - False Asphodel (Liliaceae: Lily Family)
35. *Trillium nivale* - Snow Trillium (Liliaceae: Lily Family)
36. *Trisetum spicatum* - Spike Trietum (Poaceae: Grass Family)

37. *Valeriana sitchensis* - Marsh Valerian (Valerianaceae: Valerian Family)

38. *Viola novae-angliae* - a Violet (Violaceae: Violet Family)

History: Cr. Register, September, 1979, No. 285, eff. 10-1-79; r. (2) (g) 13. and 17.; renum. (2) (g) 1. to 12., 14. to 16., 18. to 33. to be (2) (g) 2. to 6., 9. to 12., 14., 15., 17. to 20., 22., 24., 26., 29., 30., 32. to 34., 37. to 39., 43., 44., 46. to 49., cr. (2) (g) 1., 7., 8., 10., 13., 16., 21., 23., 25., 27., 28., 31., 35., 36., 40. to 42., and 45., renum. (3) (g) 2. to 23. to be 5., 6., 8. to 12., 14. to 19., 21., 22., 24., 25., 29., 30., 33., 35., 38., cr. (3) (g) 2. to 4., 7., 13., 20., 23., 26. to 28., 31., 32., 34., 36. and 37., Register, October, 1981, No. 310, eff. 11-1-81.

NR 27.04 Revision of Wisconsin endangered and threatened species lists. (1) PETITION FOR CHANGES. (a) *Requirements.* Any 3 persons may petition the department to review the status of any listed or unlisted wild animal or wild plant. Such petitions must be dated, in writing, and submitted to the ENS. To be considered, requests must show in full the following information:

1. Names and addresses of persons petitioning;
2. Designation of the particular species in question;
3. Narrative explanation of the request;
4. Complete scientific supporting data for the request including evidence of Wisconsin residency, past numbers and geographic distribution, current numbers and geographic distribution, a substantial decline in numbers, and a substantial threat to remaining numbers or habitat or both; and
5. Signatures of the persons making the request.

(b) *Review.* If the department finds the petitioners have presented substantial evidence to warrant a review, the department shall proceed in accordance with ch. 227, Stats.

History: Cr. Register, September, 1979, No. 285, eff. 10-1-79.

NR 27.05 Permits for endangered and threatened species. (1) IS-SUANCE. The department shall issue endangered and threatened species permits in accordance with the provisions of and for the purposes authorized in s. 29.415, Stats. Conditions designed to protect and preserve species on the department list shall be imposed on permittees.

(2) PROCEDURES. (a) *Applications.* Applications for endangered and threatened species permits shall be made on forms furnished by the department and shall include:

1. Name and address of the applicant;
2. Personal description;
3. Purpose of the request;
4. Class, species, and number of specimens to be taken;
5. Area and period of time in which the specimens are to be taken;
6. Method of taking;
7. The place where specimens will be kept;
8. Duration of specimen possession;
9. Final disposition of specimens;

10. Applicant's signature; and

11. Such additional information as may be requested by the department.

(b) *Inspection.* A permit issued pursuant to this chapter shall be carried upon the person of the permittee when exercising the permit privileges. The permit and any authorized species obtained must be shown to the department or its agents upon request. Furs shall be marked or stamped with a stamp or tag furnished by the department to show such furs are legally held and possessed.

(c) *Annual report.* An annual progress report on activities authorized by the permit may be required by the department. The department shall notify the permittee if this report is required.

(d) *Permit conditions.* The permittee may only take, transport, possess, process or sell species on the department list subject to and in accordance with the conditions imposed by the department. Such conditions shall include but are not limited to the minimum standards for feeding, treatment, sanitation, pens and housing prescribed in s. NR 16.10, Wis. Adm. Code.

(e) *Permit authority.* A permit issued pursuant to this chapter does not authorize the exchange, purchase or sale of specimens on the department list with persons who do not hold an appropriate state or federal endangered or threatened species permit.

(f) *Care of injured animals.* A permit issued under the authority of this chapter does not authorize the routine care of injured animals.

(3) **PLANTS.** Permits are not required for persons to take endangered or threatened species of wild plants on property which they own or lease, or in the course of forestry or agricultural practices or in the construction, operation or maintenance of a utility facility.

(4) **OTHER PERMITS.** Any person obtaining a permit under this section need not obtain a scientific collector's permit under s. NR 19.11, Wis. Adm. Code, for that same species and purpose.

(5) **FEDERAL PERMITS.** A federal permit is required for all endangered and threatened wild animals and wild plants on the federal lists, unless such requirement is waived by the U.S. department of interior.

History: Cr. Register, September, 1979, No. 285, eff. 10-1-79.

NR 27.06 Exceptions to permit requirements. (1) **FEDERAL PERMITS.** (a) Any person taking, transporting, possessing or selling any wild animal or wild plant included in the U.S. foreign and native endangered and threatened species list does not need a state permit if such person has a federal permit, or if such person is exempt from a federal permit.

(b) **Notwithstanding par. (a),** a person shall obtain a state permit before taking, transporting, possessing or selling a live timber wolf.

(2) **PRIOR ACQUISITION.** (a) *Exemptions.* Any person taking, transporting, possessing or selling any endangered or threatened wild animal does not need a state permit if such wild animal was acquired before the effective date of the Wisconsin or federal list upon which such species are included. For species added to these lists after the above dates, no

permit is required if said wild animals were acquired before the effective date of their addition to the list.

(b) *Proof.* Any person claiming an exemption under s. NR 27.06 (2) (a) must offer evidence acceptable to the department to show that the wild animal was acquired prior to the effective date.

(c) *Marking.* All wild animals on the Wisconsin endangered and threatened species lists which are possessed, transported or sold pursuant to s. NR 27.06 (2) (a) shall be permanently marked, tagged or otherwise identified by or at the direction of the department to show such wild animals are legally possessed.

(3) **RECORDS.** (a) *Procedures.* Each person who possesses any live animal listed as a Wisconsin endangered or threatened species in s. NR 27.03 (2) or (3) shall keep a complete and accurate record in the English language of any action affecting the number of said wild animals that person possesses. This record shall be on forms provided by the department, and shall include a receipt book for purchases, births, or any action increasing the number of individuals in possession; and a separate book for sales, gifts, deaths or any action whereby the number of individuals in possession decreases. These receipts shall be completed immediately following the action or transaction affecting populations in possession, and one copy shall be mailed to the department at that time.

(b) *Inspection.* All such records and all such permitted species in possession shall be open for inspection by the department at any time.

(4) **NON-WISCONSIN SPECIMENS.** (a) *Animals.* Permits are not required for the possession, processing, sale or transportation of carcasses, skins, hides and furs or parts thereof from animals on the Wisconsin endangered or threatened species lists if each item is marked with a permanent locked seal attached by or with the authority of the government of the country, state or province where the animal originated.

(b) *Fur garments.* Permits are not required for the possession, processing, sale or transportation of articles of clothing manufactured from the skins, hides or furs of animals on the Wisconsin endangered or threatened species lists if documentation accompanies each garment stating that the furs from which it was made were legally taken outside of Wisconsin.

History: Cr. Register, September, 1979, No. 285, eff. 10-1-79; am. (1), Register, January, 1981, No. 301, eff. 2-1-80; cr. (4), Register, October, 1981, No. 310, eff. 11-1-81.

NR 27.07 Severability. Should any section or portion of this chapter be declared invalid or unconstitutional for any reason, the remainder of the chapter shall not be affected thereby.

History: Cr. Register, September, 1979, No. 285, eff. 10-1-79.

Next page is numbered 336-1