

Appendix A

Species Considered for Analysis in Biological Assessment

Endangered and Threatened Wildlife and Plants, October 31, 1997

The following is an annotated enumeration of federally listed animals and plants appearing on the October 31, 1997, edition of "Endangered and Threatened Wildlife and Plants" (50 CFR 17.11 and 17.12) which are documented as occurring in Indiana or Kentucky (included because of proximity to the Hoosier National Forest). An "E" means a species is endangered, a "T" means that it is threatened. The annotations explain why a species was dropped from further consideration in the Biological Assessment or where it occurs within the Hoosier National Forest planning area. Species in **ALL CAPS BOLD** are carried forward in biological assessment analysis.

MAMMALS

BAT, GRAY	<i>Myotis grisescens</i>	E	41 FR 17740; Apr 28, 76	1 record on HOF (3D/I 1998)³
BAT, INDIANA	<i>Myotis sodalis</i>	E	32 FR 4001; Mar 11, 67	Several recorded males on HOF
Bat, Virginia big-eared	<i>Corynorhinus townsendii virginianus</i>	E	44 FR 69208; Nov 30, 79	not recorded in IN (M & W 1982) ¹
Cougar, eastern	<i>Felis concolor cougar</i>	E	38 FR 14678; Jun 4, 73	extirpated before 1900 (M & W) ¹
Wolf, gray	<i>Canis lupus</i>	E	32 FR 4001; Mar 11, 67	extirpated before 1900 (M & W) ¹
Wolf, red	<i>Canis rufus</i>	E	32 FR 4001; Mar 11, 67	extirpated before 1900 (M & W) ¹

¹ M & W - Dr. Russell Mumford and Dr. John Whittaker

³ 3D/I - 3D International/Environmental Services, Cincinnati, Ohio

BIRDS

Crane, whooping	<i>Grus americana</i>	E	32 FR 4001; Mar 11, 67	former rare migrant (M & K 1984) ²
Curlew, Eskimo	<i>Numenius borealis</i>	E	32 FR 4001; Mar 11, 67	former rare migrant (M & K 1984) ²
EAGLE, BALD	<i>Haliaeetus leucocephalus</i>	T	32 FR 4001; Mar 11, 67 60 FR 36010; Jul 12, 95	1 nest on HOF
Falcon, American peregrine	<i>Falco peregrinus anatum</i>	E	35 FR 16047; Oct 13, 70	rare migrant, no historic nesting on HOF
Plover, piping	<i>Charadrius melodus</i>	E	50 FR 50733; Dec 11, 85	rare migrant (pers. obs. 1990)
Tern, least	<i>Sterna antillarum</i>	E	50 FR 21792; May 28, 85	not in Natural Regions of HOF
Warbler, Bachman's	<i>Vermivora bachmani</i>	E	32 FR 4001; Mar 11, 67	not in Natural Regions of HOF
Warbler, Kirtland's	<i>Dendroica kirtlandii</i>	E	32 FR 4001; Mar 11, 67	not in Natural Regions of HOF
Woodpecker, ivory-billed	<i>Campephilus principalis</i>	E	32 FR 4001; Mar 11, 67	not in Natural Regions of HOF

² Dr. Russell Mumford and Dr. Charles E. Keller 1984

REPTILES

Snake, copperbelly water	<i>Nerodia erythrogaster neglecta</i>	T	62 FR 4191; Jan 29, 97	not in Natural Regions of HOF
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FISHES

Dace, blackside	<i>Phoxinus cumberlandensis</i>	T	52 FR 22585; Jun 12, 87	not in Natural Regions of HOF
Darter, relict	<i>Etheostoma chienense</i>	E	58 FR 68486; Oct 27, 93	no information available
Shiner, palezone	<i>Notropis albizonatus</i>	E	58 FR 25763; Apr 27, 93	not in Natural Regions of HOF
Sturgeon, pallid	<i>Scaphirhynchus albus</i>	E	55 FR 36647; Sep 6, 90	not in Natural Regions of HOF

CLAMS and MUSSELS

Clubshell	<i>Pleurobema clava</i>	E	58 FR 5642; Jan 25, 93	not recorded on HOF
Combshell, Cumberlandian	<i>Epioblasma brevidens</i>	E	62 FR 1657; Jan 10, 97	not in IN
Elktoe, Cumberland	<i>Alasmidonta atropurpurea</i>	E	62 FR 1657; Jan 10, 97	not in IN
Eastern FANSHELL	<i>Cyprogenia stegaria</i>	E	55 FR 25595; Jun 21, 90	1 site on HOF
Mussel, oyster	<i>Epioblasma capsaeformis</i>	E	62 FR 1657; Jan 10, 97	not in IN
Mussel, ring pink	<i>Obovaria retusa</i>	E	54 FR 40112; Sep 29, 89	extirpated from the Midwest
Mussel, winged mapleleaf	<i>Quadrula fragosa</i>	E	56 FR 28349; Jun 20, 91	not recorded on HOF
Pearly mussel, cracking	<i>Hemistena lata</i>	E	54 FR 39853; Sep 28, 89	not in Natural Regions of HOF
Pearly mussel, Cumberland bean	<i>Villosa trabalis</i>	E	41 FR 24064; Jun 14, 76	not in IN
Pearly mussel, dromdary	<i>Dromas dromas</i>	E	41 FR 24064; Jun 14, 76	not in IN
Pearly mussel, Higgins' eye	<i>Lampsilis higginsii</i>	E	41 FR 24064; Jun 14, 76	not in Natural Regions of HOF
Pearly mussel, little-wing	<i>Pegias fabula</i>	E	53 FR 45865; Nov 14, 88	not in IN
Pearly mussel, orangefoot pimpleback	<i>Plethobasus cooperianus</i>	E	41 FR 24064; Jun 14, 76	not recorded on HOF
Pearly mussel, pink mucket	<i>Lampsilis abrupta</i>	E	41 FR 24064; Jun 14, 76	not in Natural Regions of HOF
Pearly mussel, purple cat's paw	<i>Epioblasma obliquata obliquata</i>	E	55 FR 28213; Jul 10, 90	not in IN
Pearly mussel, tubercled-blossom	<i>Epioblasma torulosa torulosa</i>	E	41 FR 24064; Jun 14, 76	not recorded on HOF
Pearly mussel, white cat's paw	<i>Epioblasma obliquata perobliqua</i>	E	41 FR 24064; Jun 14, 76	not recorded on HOF

Appendix A

Pearly mussel, white wartyback	<i>Plethobasus cicatricosus</i>	E	41 FR 24064; Jun 14, 76	not in IN
Pigtoe, rough	<i>Pleurobema plenum</i>	E	41 FR 24064; Jun 14, 76	not recorded on HOF
Pocketbook, fat	<i>Potamilus capax</i>	E	41 FR 24064; Jun 14, 76	not recorded on HOF
Riffleshell, northern	<i>Epioblasma torulosa rangiana</i>	E	58 FR 5642; Jan 22, 93	not recorded on HOF
Riffleshel, tan	<i>Epioblasma walkeri</i>	E	42 FR 42353; Aug 23, 77	not in IN

INSECTS

Beetle, American burying	<i>Nicrophorus americanus</i>	E	54 FR 29655; Jul 13, 89	not recorded on HOF
Butterfly, Karner blue	<i>Lycaeides melissa samuelis</i>	E	57 FR 59244; Dec 14, 92	not in Natural Regions of HOF
Butterfly, Mitchell's satyr	<i>Neonympha mitchelii mitchelii</i>	E	56 FR 28828; Jun 25, 91	not in Natural Regions of HOF
Dragonfly, Hine's emerald	<i>Somatochlora hineana</i>	E	60 FR 5273; Jan 26, 95	not recorded on HOF

CRUSTACEANS

Shrimp, Kentucky cave	<i>Palaemonias ganteri</i>	E	48 FR 46341; Oct 12, 83	not in IN
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PLANTS

Price's potato-bean	<i>Apios priceana</i>	T	55 FR 433; Jan 5, 90	not in Natural Regions of HOF
Braun's rockcress	<i>Arabis perstellata</i>	E	60 FR 61; Jan 3, 95	not in Natural Regions of HOF
Cumberland sandwort	<i>Arenaria cumberlandensis</i>	E	53 FR 23748; Jun 23, 88	not in Natural Regions of HOF
Mead's milkweed	<i>Asclepias meadii</i>	T	53 FR 33996; Sep 1, 88	not in Natural Regions of HOF
Pitcher's thistle	<i>Cirsium pitcheri</i>	T	53 FR 27141; Jul 18, 88	not in Natural Regions of HOF
Cumberland rosemary	<i>Conradina verticillata</i>	T	56 FR 70940; Nov 29, 91	not in Natural Regions of HOF
Eggert's sunflower	<i>Helianthus eggertii</i>	T	62 FR 27978; May 22, 97	not recorded on HOF or in IN
Eastern prairie fringed orchid	<i>Platanthera leucophaea</i>	T	54 FR 39863; Sep 28, 89	not in Natural Regions of HOF
White-haired goldenrod	<i>Solidago albopilosa</i>	T	53 FR 11615; Apr 7, 88	not in Natural Regions of HOF
Short's goldenrod	<i>Solidago shortii</i>	E	50 FR 36089; Sep 5, 85	not recorded on HOF or in IN
Virginia spiraea	<i>Spiraea virginiana</i>	T	55 FR 24246; Jun 15, 90	not in Natural Regions of HOF
Running buffalo clover	<i>Trifolium stoloniferum</i>	E	52 FR 21480; Jun 5, 87	not reported on HOF; Little Blue River area

Endangered and Threatened Wildlife and Plants; Animal Candidate Review for Listing as Endangered or Threatened Species, November 15, 1994 edition

The following is an annotated enumeration of animals appearing on the November 15, 1994, edition of "Endangered and Threatened Wildlife and Plants; Animal Candidate Review for Listing as Endangered or Threatened Species" (50 CFR 17) which are documented as occurring in Indiana or Kentucky (included because of proximity to the Hoosier National Forest). Although "candidate" status has been redefined (USDI-FWS memo, July 19, 1995) and several of these species are being considered for the revision of the Regional Forester's Sensitive Species list, it is helpful to know why these species are not carried through for the purpose of a programmatic biological assessment. The annotations explain why a species was dropped from further consideration in the Biological Assessment or where it occurs within the Hoosier National Forest planning area.

MAMMALS

Bat, eastern small-footed	<i>Myotis leibii</i>		no IN record but nearby in KY
Bat, Rafinesque's big-eared	<i>Corynorhinus rafinesquii</i>		last IN record in 1962 (J. Whitaker, pers. com. 1997)
Bat, southeastern	<i>Myotis austroriparius</i>	RFSS	last IN record in 1971 (J. Whitaker, pers. com. 1997)
Vole, Kentucky red-backed	<i>Clethrionomys gapperi maurus</i>		not in Natural Regions of HOF
Woodrat, eastern	<i>Neotoma magister</i>		1 site within HOF boundary

BIRDS

Goshawk, northern	<i>Accipiter gentilis</i>		rare in winter
Rail, black	<i>Laterallus jamaicensis</i>		not in Natural Regions of HOF
Shrike, migrant loggerhead	<i>Lanius ludovicianus migrans</i>	RFSS	marginal habitat on HOF
Sparrow, Bachman's	<i>Aimophila aestivalis</i>	RFSS	last IN record in 1976 (W & G 1984)
Tern, black	<i>Chlidonias niger</i>		not in Natural Regions of HOF
Tern, common	<i>Sterna hirundo</i>		not in Natural Regions of HOF
Warbler, cerulean	<i>Dendroica caerulea</i>	RFSS	locally uncommon breeding on HOF
Wren, Appalachian Bewick's	<i>Thryomanes bewickii altus</i>		not in Natural Regions of HOF

REPTILES

Massasauga, eastern	<i>Sistrurus catenatus catenatus</i>		not in Natural Regions of HOF
Snake, Kirtland's	<i>Clonophis kirtlandii</i>	RFSS	may occur in Brown, Monroe, and Orange counties
Snake, northern copperbelly watersnake	<i>Nerodia erythrogaster neglecta</i>		listed T, northern populations
Turtle, Blanding's	<i>Emydoidea blandingii</i>		not in Natural Regions of HOF
Turtle, alligator snapping	<i>Macroclmys temmincki</i>		last IN record 1939 (Minton 1972)
Turtle, false map	<i>Graptemys</i>		not in Natural Regions of HOF

	<i>pseudogeographica</i>		
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AMPHIBIANS

Hellbender	<i>Cryptobranchus alleganiensis</i>		in Blue River outside HOF boundary
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FISHES

Cavefish, northern	<i>Amblyopsis spelaea</i>	RFSS	scattered records on Mitchell Karst Plain
Chub, flathead	<i>Platygobio gracilis</i>		not in Natural Regions of HOF
Chub, sicklefin	<i>Macrhybopsis meeki</i>		evidence to support listing
Chub, sturgeon	<i>Macrhybopsis gelida</i>		evidence to support listing
Cisco, shortjaw	<i>Coregonus zenithicus</i>		not in Natural Regions of HOF
Cisco, shortnose	<i>Coregonus reihardi</i>		not in Natural Regions of HOF
Darter, Cumberland Johnny	<i>Etheostoma nigrum susanae</i>		not in Natural Regions of HOF
Darter, ashy	<i>Etheostoma cinereum</i>		not in Natural Regions of HOF
Darter, crystal	<i>Crystallaria asprella</i>		no longer under consideration for listing
Darter, eastern sand	<i>Etheostoma pellucidum</i>	RFSS	recorded in White River
Darter, longhead	<i>Percina macrocephala</i>		not in Natural Regions of HOF
Darter, spotted	<i>Etheostoma maculatum</i>		not recorded on HOF
Darter, stargazing	<i>Percina uranidea</i>		not in Natural Regions of HOF
Kiyi	<i>Coregonus kiyi</i>		not in Natural Regions of HOF
Paddlefish	<i>Polyodon spathula</i>		may occur in large rivers
Redhorse, greater	<i>Moxostoma valenciennesi</i>		recorded on HOF
Sturgeon, lake	<i>Acipenser fulvescens</i>		may occur in White River
Sucker, blue	<i>Cycleptus elongatus</i>	RFSS	recorded in White River

SNAILS

Glyph, Maryland	<i>Glyphyalinia raderi</i>		not recorded on HOF
Hornsnail, rugged	<i>Pleurocera alveare</i>		not recorded on HOF
Rocksnail, armored	<i>Lithasia armigera</i>		not recorded on HOF
Rocksnail, onyx	<i>Leptoxis praerosa</i>		not recorded on HOF
Rocksnail, ornate	<i>Lithasia geniculata</i>		not recorded on HOF
Rocksnail, vericose	<i>Lithasia verrucosa</i>		not recorded on HOF

MUSSELS and CLAMS

Clubshell, Tennessee	<i>Pleurobema oviforme</i>		not in IN
Combshell, Cumberlandian	<i>Epioblasma brevidens</i>	listed E	
Elktoe	<i>Alasmidonta marginata</i>		not recorded on HOF
Elktoe, Cumberland	<i>Alasmidonta atropurpurea</i>	listed E	
Heelsplitte, Tennessee	<i>Lasmigona holstonia</i>		not in IN
Mussell, Kentucky creekshell	<i>Villosa ortmanni</i>		not in IN
Mussell, green floater	<i>Lasmigona subviridis</i>		not in IN

Appendix A

Mussell, oyster	<i>Epioblasma capsaeformis</i>	listed E	
Mussell, pink pigtoe	<i>Pleurobema pyramidatum</i>		not recorded on HOF
Mussell, purple lilliput	<i>Toxolasma lividus</i>	RFSS	recently recorded on HOF
Mussell, rabbitsfoot	<i>Quadrula cylindrica cylindrica</i>	RFSS	recently recorded on HOF
Mussell, rayed bean	<i>Villosa fabalis</i>		not in Natural Regions of HOF
Mussell, salamander	<i>Simpsonaias ambigua</i>	RFSS	recently recorded on HOF

MUSSELS and CLAMS (continued)

Mussell, snuffbox	<i>Epioblasma triquetra</i>	RFSS	recently recorded on HOF
Mussell, spectaclecase	<i>Cumberlandia monodonta</i>		not recorded on HOF
Papershell, Cumberland	<i>Andontoides denigrata</i>		not in IN
Scaleshell	<i>Leptodea leptodon</i>	to be listed E	(R.Refsnider, USFWS, pers. comm. 26 Oct 98)

INSECTS

Beetle, Douglas stenelmis riffle	<i>Stenelmis douglasensis</i>		not recorded on HOF
Beetle, Putnam minute moss	<i>Ochthebius putnamensis</i>		not recorded on HOF
Beetle, Roger's cave	<i>Pseudanophthalmus rogersae</i>		not in IN
Beetle, Sawmill Hollow cave	<i>Pseudanophthalmus scholasticus</i>		not in IN
Beetle, black lordithon rove	<i>Lordithon niger</i>		not recorded on HOF
Beetle, cave	<i>Pseudanophthalmus puteanus</i>		not in IN
Beetle, cave	<i>Pseudanophthalmus simulans</i>		not in IN
Beetle, cave	<i>Pseudanophthalmus troglodytes</i>		not in IN
Beetle, cave	<i>Pseudanophthalmus globiceps</i>		not in IN
Beetle, cave	<i>Pseudanophthalmus pholeter</i>		not in IN
Beetle, cave	<i>Pseudanophthalmus conditus</i>		not in IN
Beetle, cave	<i>Pseudanophthalmus tenebrosus</i>		not in IN
Beetle, cave	<i>Pseudanophthalmus audax</i>		not in IN
Beetle, cave	<i>Pseudanophthalmus caecus</i>		not in IN
Beetle, cave	<i>Pseudanophthalmus cataryctos</i>		not in IN
Beetle, cave	<i>Pseudanophthalmus major</i>		not in IN
Beetle, cave	<i>Pseudanophthalmus exoticus</i>		not in IN
Beetle, cave	<i>Pseudanophthalmus horni</i>		not in IN
Beetle, cave	<i>Pseudanophthalmus parvus</i>		not in IN
Beetle, cobblestone tiger	<i>Cicindela marginipennis</i>		not in Natural Regions on HOF
Beetle, icebox cave	<i>Pseudanophthalmus frigidus</i>		not in IN
Beetle, limestone cave	<i>Pseudanophthalmus calcareus</i>		not in IN
Beetle, sixbanded longhorn	<i>Dryobius sexnotatus</i>		not recorded on HOF
Beetle, stone-dwelling cave	<i>Pseudanophthalmus hypolithos</i>		not in IN
Bug, Belfragi's chlorochroan	<i>Chlorochroa belfragi</i>		not in IN
Butterfly, Diana fritillary	<i>Speyeria diana</i>		last IN record 1962 (Shull 1987)
Butterfly, regal fritillary	<i>Speyeria idalia</i>		rep. Monroe Co. 1891 (Shull 1987)

Caddisfly, Helma's net-spinning	<i>Cheumatopsyche helma</i>		not in IN
Clubtail, elusive	<i>Gomphus notatus</i>		not recorded in southern IN
Dameselfly, Laterla bluet	<i>Enallagma laterale</i>		not recorded in southern IN
Dragonfly, Hine's emerald	<i>Somatochlora hineana</i>	listed E	
Mayfly, Argo ephemereylan	<i>Ephemerella argo</i>		recorded in White River
Mayfly, Wallace's deepwater	<i>Spindalis wallacei</i>		recorded in White River
Moth, annointed sallow	<i>Pyreferra ceromatica</i>		not recorded in southern IN
Moth, noctuid	<i>Schinia indiana</i>		not recorded in southern IN
Moth, rattlesnake-master borer	<i>Papaipema eryngii</i>		not recorded on HOF
Skimmer, Wabash belted	<i>Macromia wabashensis</i>		not recorded on HOF
Skipper, grizzled	<i>Pyrgus wyandot</i>		not in IN (Shull 1987)
Snaketail, midget	<i>Ophiogomphus howei</i>		not in IN

CRUSTACEANS

Crayfish	<i>Cambarus veteranus</i>		not in IN
Crayfish, Indiana	<i>Orconectes indianensis</i>		not in Natural Regions of HOF
Crayfish, Louisville	<i>Orconectes jeffersoni</i>		not in IN
Isopod, Bousfield's	<i>Gammarus bousfieldi</i>		not recorded on HOF
Isopod, Clifton Cave	<i>Caecidotea barri</i>		not in IN

Plant Taxa for Listing as Endangered or Threatened Species; Notice of Review, September 30, 1993 edition

The following is an annotated enumeration of plants appearing on the September 30, 1993, edition of "Plant Taxa for Listing as Endangered or Threatened Species; Notice of Review" (50 CFR 17) which are documented as occurring in Indiana or Kentucky (included because of proximity to the Hoosier National Forest). Although "candidate" status has been redefined (USDI-FWS memo, July 19, 1995) and several of these species are being considered for the revision of the Regional Forester's Sensitive Species list, it is helpful to know why these species are not carried through for the purpose of a programmatic biological assessment. The annotations explain why a species dropped from further consideration in the Biological Assessment or where it occurs within the Hoosier National Forest planning area. (*Note: plants are alphanized by their Latin names since many of these plants do not have common names.*)

Deam's rock-cress	<i>Arabis missouriensis deamii</i>		not in Natural Regions of HOF
Small rock-cress	<i>Arabis perstellata perstellata</i>	listed E	
water stitchwort	<i>Arenaria fontinalis</i>		not in Natural Regions of HOF
lake-cress	<i>Armoracia lacustris</i>		no longer under consideration for listing
forked aster	<i>Aster furcatus</i>		not in Natural Regions of HOF
Rockcastle aster	<i>Aster saxicastellii</i>		not in Natural Regions of HOF
Tennessee milk-vetch	<i>Astragalus tennesseensis</i>		no longer under consideration for listing
Cumberland false-foxglove	<i>Aureolaria patula</i>		not recorded on HOF or in IN
Ofer Hollow reedgrass	<i>Calamagrostis porteri insperata</i>	RFSS	not reported on HOF
Appalachian bugbane	<i>Cimicifuga rubifolia</i>		not reported on HOF; LBR area

Appendix A

Hill's thistle	<i>Cirsium hillii</i>		not in Natural Regions of HOF
Kentucky lady's-slipper	<i>Cypripedium kentuckiense</i>		not in Natural Regions of HOF
French's shooting-star	<i>Dodecatheon frenchii</i>	RFSS	no longer under consideration for listing
Wolf's spike-rush	<i>Eleocharis wolfii</i>		not in Natural Regions of HOF
Svenson's wild-rye	<i>Elymus svensonii</i>		not in Natural Regions of HOF
Harper's eriogonum	<i>Eriogonum longifolium harperi</i>		not in Natural Regions of HOF
Braun's thoroughwort	<i>Eupatorium luciae-brauniae</i>		not in Natural Regions of HOF
Eggert's sunflower	<i>Helianthus eggertii</i>	listed T	
hexastylis	<i>Hexastylis contracta</i>		not in Natural Regions of HOF
St.John's-wort	<i>Hypericum adpressum</i>		not in Natural Regions of HOF
St.John's-wort	<i>Hypericum dolabriforme</i>		no longer under consideration for listing
Kankakee globe-mallow	<i>Iliamna remota</i>		not in Natural Regions of HOF
Butternut	<i>Juglans cinerea</i>	RFSS	scattered on HOF
Glade cress	<i>Leavenworthia exigua laciniata</i>		not recorded on HOF or in IN
Short's bladderpod	<i>Lesquerella globosa</i>		not in Natural Regions of HOF
Pondspice	<i>Litsea aestivalis</i>		not in Natural Regions of HOF
loosestrife	<i>Lysimachia fraseri</i>		not in Natural Regions of HOF
malvastrum	<i>Malvastrum hispidum</i>		no longer under consideration for listing
large-flowered Barbara's buttons	<i>Marshallia grandiflora</i>		not in Natural Regions of HOF
sweet pinesap	<i>Monotropsis odorata</i>		not in Natural Regions of HOF
glade mallow	<i>Napaea dioica</i>		no longer under consideration for listing
Bigleaf scurf-pea	<i>Orbexillum macrophyllum</i>		believed extinct
paxistema	<i>Paxistema canbyi</i>		not in Natural Regions of HOF
beardtongue	<i>Penstemon deamii</i>		not recorded on HOF
cleft phlox	<i>Phlox bifida stellaria</i>	RFSS	not in Natural Regions of HOF
	<i>Platanthera integrilabia</i>		not in Natural Regions of HOF
bog bluegrass	<i>Poa paludigena</i>		not recorded on HOF
Barbed rattlesnake-root	<i>Prenanthes barbata</i>		not in Natural Regions of HOF
sumac	<i>Rhus trilobata arenaria</i>		not in Natural Regions of HOF
bullrush	<i>Scirpus hallii</i>		evidence to support listing
rock skullcap	<i>Scutellaria saxatilis</i>	RFSS	no longer under consideration for listing
ovate-leaved catchfly	<i>Silene ovata</i>		not recorded on HOF or in IN
Royal catchfly	<i>Silene regia</i>	RFSS	no longer under consideration for listing
goldenrod	<i>Solidago spathulata gillmanii</i>		taxonomic confusion
Bald grass	<i>Sporobolus ozarkanus</i>		no longer under consideration for listing
Sulivantia	<i>Sullivantia sullivantii</i>		no longer under consideration for listing
limestone fameflower	<i>Talinum calcarium</i>		no longer under consideration for listing
Rough-seeded fameflower	<i>Talinum rugospermum</i>		not in Natural Regions of HOF

Appendix A

	<i>Thalictrum mirabile</i>		not recorded on HOF or in IN
Auriculate false-foxglove	<i>Tomanthera auriculata</i>		not in Natural Regions of HOF
Purple false-foxglove	<i>Tomanthera skinneriana</i>	RFSS	not recorded on HOF
Least Ozark trillium	<i>Trillium pusillum ozarkanum</i>		not in Natural Regions of HOF
small trillium	<i>Trillium pusillum pusillum</i>		not in Natural Regions of HOF
smooth nettle	<i>Urtica chamaedryoides</i>		no longer under consideration for listing