ILLINOIS ENDANGERED SPECIES PROTECTION BOARD
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"By the Numbers" summary information from the Illinois Endangered Species Protection Board's revision of the Illinois List of Endangered and Threatened Species, effective 05/19/2015.

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Introduction

The Illinois Endangered Species Protection Board (Board) completed in 2014 its work on the required 5-year review of the Illinois List of Endangered and Threatened Species (Illinois List). The review process began in 2012 with the Board reviewing approximately one taxonomic group at each meeting through February 2014. In June 2014, the Board held its required public hearing to receive comments on proposed changes and finalized its decisions in August 2014. Board staff prepared necessary proposed Illinois Administrative Rule amendments and submitted them in mid-September to the Illinois Department of Natural Resources (IDNR) for the IDNR to move them through the process as required. The rules went to the Joint Committee on Administrative Rules in February 2015 and the new Illinois List became effective May 19, 2015.

Additional information about the Illinois List and the review and revision process a can be found on the Board's website on the Illinois List Review and Revision page.

Number of species added, by taxonomic group and primary reasons for listing

	Designated Federal E or T or proposed Federal E or T that occurs in Illinois	Formerly widespread in Illinois, but have been nearly extirpated due to habitat destruction, over collecting, or other pressures from the development of Illinois	Exhibit a very restricted geographic range of which Illinois is a part	Exhibit restricted habitats or low populations in Illinois	Significant disjunct in Illinois, i.e the Illinois population is far removed from the rest of the species' range	TOTAL
Fish		4*		4*		**4**
Amphibians						**0**
Reptiles						**0**
Birds	1	1				**2**
Mammals	1			1		**2**
Mussels	1^			1^		**1**
Other Invertebrates		1*		1*		**1**
Plants	1^	2*		4 (1^, 2*)		**4**
TOTAL	**4 (2^)**	**8 (7*)**	**0**	**11 (2^, 7*)**	**0**	**14**

Note - the 6 Reasons are primary reasons for listing. Although not specifically noted, threats associated with habitat degradation and/or destruction have been considered relevant factors in almost all species listings. Some species have more than one reason for listing.

* = evidence suggests a combination of formerly widespread and restricted habitats/low populations.

^ = a combination of designated or proposed Federal E or T and restricted habitats/low populations.

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Anguilla rostrata, American Eel (ILT)		x		x	
Crystallaria asprella, Crystal Darter (ILT)		x		x	
Hybognathus hankinsoni, Brassy Minnow (ILT)		x		x	
Lethenteron appendix, American Brook Lamprey (ILT)		x		x	
Calidris canutus rufa, Rufa Red Knot (Fed T) (ILT)	x				
Caprimulgus carolinensis, Chuck-will's-widow (ILT)		x			
Myotis leibii, Eastern Small-footed Bat (ILT)				x	
Myotis septentrionalis, Northern Long-eared Bat (Fed T) (ILT)	x				
Leptodea leptodon, Scaleshell (Fed E) (ILE)	x			x	
Leptoxis praerosa, Onyx Rocksnail (ILE)		x		x	
Andromeda glaucophylla , Bog Rosemary (ILE)				x	
Isotria medeoloides, Small Whorled Pogonia (Fed T) (ILE)	x			x	
Mentzelia oligosperma, Stickleaf (ILE)		x		x	
Utricularia subulata, Hair Bladderwort (ILE)		x		x	

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Number of species removed, by taxonomic group and primary reasons for delisting

	Extirpated/ Extinct	Recovered	Now known to be more common than previously thought	Misidentified	Now known to be only a peripheral or vagrant species that occurs only in disturbed/ non-native habitats	Commercial fishing regulations considered to adequately protect	TOTAL
Fish							0
Amphibians							0
Reptiles							0
Birds		1					1
Mammals		2*	2*				2
Mussels							0
Other Invertebrates	2			1^			3
Plants	2	7*	7*	3 (1^, 1#)			12
TOTAL	**4**	**10 (9*)**	**9***	**4 (2^, 1#)**	**0**	**0**	**18**

* = evidence suggests a combination of recovery and/or found to be more common than thought.

^ = evidence supporting status and distribution for initial listing decision was never brought forward.

= taxon will now be captured at species level (P. flava).

Species removed, by taxonomic group and primary reasons for delisting

	Extirpated/ Extinct	Recovered	Now known to be more common than previously thought	Misidentified	Now known to be only a peripheral or vagrant species that occurs only in disturbed/ non-native habitats	Commercial fishing regulations considered to adequately protect
Falco peregrinus, Peregrine Falcon (ILT)		x				
Orchrotomys nuttallii, Golden Mouse (ILT)		x	x			
Oryzomys palustris, Rice Rat (ILT)		x	x			
Caecidotea spatulata, Isopod (ILE)				x^		
Paraphlepsius lupalus, Leafhopper (ILE)	x					
Atrytone arogos, Arogos Skipper (ILE)	x					
Berberis canadensis, Allegheny Barberry (ILE)	x					
Carex woodii, Pretty Sedge (ILT)		x	x			
Cypripedium candidum, White Lady's Slipper (ILT)		x	x			
Galium lanceolatum, Wild Licorice (ILE)				x^		
Liatris scariosa var. nieuwlandii, Blazing Star (ILT)		x	x			
Matelea obliqua, Climbing Milkweed (ILT)		x	x			
Oenothera perennis, Small Sundrops (ILT)		x	x			
Paspalum dissectum, Bead Grass (ILE)	x					
Penstemon brevisepalus, Short-sepaled Beard Tongue (ILE)				x		
Platanthera flava var. flava, Tubercled Orchid (ILE)				x#		
Tomanthera auriculata, Ear-leafed Foxglove (ILT)		x	x			
Viola conspersa, Dog Violet (ILT)		x	x			

^ = evidence supporting status and distribution for initial listing decision was never brought forward.
# = taxon will now be captured at species level - P. flava.

Changes in the number of listed species, by taxonomic group and listing status change

	Add as E	Add as T	Delist from E	Delist from T	E to T	T to E	Remain E	Remain T	TOTAL E	TOTAL T	TOTAL SPP
Fish	0	4	0	0	0	0	19	12	19	16	35
Amphibians	0	0	0	0	0	0	3	6	3	6	9
Reptiles	0	0	0	0	0	0	10	8	10	8	18
Birds	0	2	0	1	1	0	24	4	24	7	31
Mammals	0	2	0	2	0	0	5	2	5	4	9
Mussels	1	0	0	0	0	2	17	6	20	6	26
Other Invertebrates	1	0	3	0	1	1	22	3	24	4	28
ANIMAL TOTAL	**2**	**8**	**3**	**3**	**2**	**3**	**100**	**41**	**105**	**51**	**156**
Plants	4	0	5	7	9	10	237	64	251	73	324
TOTAL	**6**	**8**	**8**	**10**	**11**	**13**	**337**	**105**	**356**	**124**	**480**

Number of listed species, by taxonomic group and listing status

	TOTAL ENDANGERED	TOTAL THREATENED	TOTAL SPECIES
Fish	19	16	35
Amphibians	3	6	9
Reptiles	10	8	18
Birds	24	7	31
Mammals	5	4	9
Mussels	20	6	26
Other Invertebrates	24	4	28
ANIMAL TOTAL	**105**	**51**	**156**
Plants	251	73	324
TOTAL	**356**	**123**	**480**

Number of Endangered and Threatened Species, by taxonomic group and Illinois List revision

Taxonomic Group	1977	1980	1984	1989	1990	1991	1994	1999	2004	2009	2010	2011	2015*
Fish Endangered	5		4	13		14	21	21	18	19	19	19	19
Fish Threatened	8		8	15		15	9	10	13	12	12	12	16
Amphibians Endangered	2		2	5		2	3	3	3	4	3	3	3
Amphibians Threatened	1		1	1		1	2	4	5	5	6	6	6
Reptiles Endangered	5		5	5		5	6	8	8	10	10	10	10
Reptiles Threatened	3		3	4		4	7	7	8	8	8	8	8
Birds Endangered	33		33	37		37	33	26	24	24	25	25	24
Birds Threatened	7		7	6		6	9	9	8	6	5	5	7
Mammals Endangered	4		4	7		7	6	5	6	5	5	5	5
Mammals Threatened	4		4	3		3	3	3	3	4	4	4	4
Mussels Endangered	0		9	29		29	21	20	16	16	16	17	20
Mussels Threatened	0		0	4		4	4	7	8	8	8	8	6
Other Invertebrates Endangered	0		1	12		14	19	19	19	26	26	26	24
Other Invertebrates Threatened	0		0	3		3	5	6	5	4	4	4	4
Animals Endangered	49		58	108		108	109	102	94	104	104	105	105
Animals Threatened	23		23	36		36	39	46	50	47	47	47	51
Total Animals	**72**		**81**	**144**		**144**	**148**	**148**	**144**	**151**	**151**	**152**	**156**
Plants Endangered		310	312	302	299		306	265	263	251		251	251
Plants Threatened		52	52	57	60		57	66	76	81		81	73
Total Plants		**362**	**364**	**359**	**359**		**363**	**331**	**339**	**332**		**332**	**324**
Total Endangered			370	410			415	367	357	355		356	356
Total Threatened			75	93			96	112	126	128		128	124
Total Species			**445**	**503**			**511**	**479**	**483**	**483**		**484**	**480**

* = this Illinois List review and final listing decisions were completed in 2014, but a subsequent revision of the Illinois List is not expected to become official until sometime in 2015.

References

520 ILCS 10/ Illinois Endangered Species Protection Act (1972 et seq.).

ILL. ADM. CODE. Title 17: Conservation § 1010: Illinois List of Endangered and Threatened Animals (1977 et seq.).

ILL. ADM. CODE. Title 17: Conservation § 1050: Illinois List of Endangered and Threatened Flora (1980 et seq.).

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Mankowski, A. 2012. The Illinois Endangered Species Protection Act at Forty: a Review of the Act's Provisions and the Illinois List of Endangered and Threatened Species. Illinois Endangered Species Protection Board, Springfield, Illinois. 152 pp. Published online at http://www.dnr.illinois.gov/ESPB/Pages/default.aspx.