

	Johnson County Conservation Board May 10, 2017					
	Reptile Survey Ciha Property					
	T-81-N, R-5-W, N.W. 1/4 of N.W. 1/4 of Section 13 Cedar Township, Johnson County, Iowa					
	Iowa Listing: SGCN = Species of Greatest Conservation Need					
	SC= Special Concern, T = Threatened, E = Endangered					
	Iowa Trend: K = Unknown, D = Decreasing, S = Stable					
	Scientific Name	Common Name	Iowa Listing	Iowa Trend	Iowa Status	National Status
1	Aspidocelis sexlineatus	Six-Lined Race Runner	SGCN	D	S3	N5
2	Chelydra serpentina	Common Snapping Turtle	SGCN	S	S5	N5
3	Chrysems picta bellii	Western Painted Turtle		I	S5	N5
4	Emydoidia blandingii	Blandings Turtle	SGCN, T	D	S2	N4
5	Heterodon platithinos	Eastern Hognose Snake	SGCN	S	S5	N4
6	Nerodia sipedon	Common Water Snake	SGCN			N5
7	Pantherophis vulpinus	Western Foxsnake	SGCN	S	S5	N5
8	Pituphis catenifer sayi	Bull Snake	SGCN, SC	D	S3	N5
9	Storeria dekayi	Dekay's Brownsnake		S	S5	N5
10	Thamnopsis radix	Great Plains Garter Snake	SGCN	S	S5	N5
11	Thamnophis sirtalis	Red Sided Gater Snake		S	S5	N5
	NatureServe National and Subnational (State) Heritage Status Rank Definitions					
	(From www.natureserve.org/explorer/ranking.htm accessed June 23, 2005.)					
Status	Definition					
N1	Critically Imperiled — Critically imperiled in the nation or state/province because of extreme rarity (often 5 or fewer occurrences) or because of some factor(s) such as very steep declines making it especially vulnerable to extirpation from the state/province.					
S1						
N2	Imperiled — Imperiled in the nation or state/province because of rarity due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors making it very vulnerable to extirpation from the nation or state/province.					
S2						
N3	Vulnerable — Vulnerable in the nation or state/province due to a restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors making it vulnerable to extirpation.					
S3						
N4	Apparently Secure — Uncommon but not rare; some cause for long-term concern due to declines or other factors.					
S4						
N5	Secure — Common, widespread, and abundant in the nation or state/province.					
S5						

	Johnson County Conservation Board May 10, 2017					
	Amphibian Survey Ciha Property					
	T-81-N, R-5-W, N.W. 1/4 of N.W. 1/4 of Section 13 Cedar Township, Johnson County, Iowa					
	Iowa Listing: SC= Special Concern, T = Threatened, E = Endangered					
	Iowa Trend: K = Unknown, D = Decreasing, S = Stable, I = Increasing					
	Scientific Name	Common Name	Iowa Listing	Iowa Trend	Iowa Status	National Status
1	Acris blanchardi	Blanchard's Cricket Frog	SCGN	D	S3	N5
2	Ambystoma tigrinum	Tiger Salamander		D	S5	N5
3	Bufo americana	American Toad		I	S5	N5
4	Hyla versicolor	Gray Treefrog	SGCN	S	S5	N5
5	Pseudacris maculata	Boreal Chorus Frog		S	S5	N5
6	Pseudocris cruifer	Spring Peeper		S	S5	N5
7	Rana pipiens	Northern Leopard Frog	SGCN	S	S5	N5
8	Lithobates catesbeianus	American Bullfrog		I	S5	N5
9	Lithobates clamitans	Green Frog		S	S5	N5
NatureServe National and Subnational (State) Heritage Status Rank Definitions						
(From www.natureserve.org/explorer/ranking.htm accessed June 23, 2005.)						
Status	Definition					
N1	Critically Imperiled —Critically imperiled in the nation or state/province because of extreme rarity (often 5 or fewer occurrences) or because of some factor(s) such as very steep declines making it especially vulnerable to extirpation from the state/province.					
S1						
N2	Imperiled —Imperiled in the nation or state/province because of rarity due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors making it very vulnerable to extirpation from the nation or state/province.					
S2						
N3	Vulnerable —Vulnerable in the nation or state/province due to a restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors making it vulnerable to extirpation.					
S3						
N4	Apparently Secure —Uncommon but not rare; some cause for long-term concern due to declines or other factors.					
S4						
N5	Secure —Common, widespread, and abundant in the nation or state/province.					
S5						

Johnson County Conservation Board May 10, 2017				
Odonata Survey Ciha Property				
T-81-N, R-5-W, N.W. 1/4 of N.W. 1/4 of Section 13 Cedar Township, Johnson County, Iowa				
	Scientific Name	Common Name	Iowa Status	National Rank/Listing
Spreadwings: Lestidae				
1	Lestes australis	Southern Spreadwing		N5
2	Lestes congener	Spotted Spreadwing	SGCN	N5
3	Lestes eurinus	Amber -winged Spreadwing	SGCN	N4
4	Lestes forcipatus	Sweetflag Spreadwing	SGCN	N5
5	Lestes rectangularis	Slender Spreadwing		N5
6	Lestes unguiculatus	Lyre-tipped Spreadwing		N5
Pond Damsels: Coenagrionidae				
7	Enallagma aspersum	Azure Bluet		N5
8	Enallagma civile	Familiar Bluet		N5
9	Ischnura hastata	Citrine Forktail		N5
10	Ischnura posita	Fragile Forktail		N5
11	Ischnura verticalis	Eastern Fork Tail		N5
12	Nehalennia irene	Sedge Sprite	SGCN	N5
Darners: Aeshnidae				
13	Aeshna umbrosa	Shadow Darner		N5
14	Anax junius	Common Green Darner		N5
Skimmers: Libellulidae				
15	Erythemis simplicicollis	Eastern Pondhawk		N5
16	Leucorrhinia intacta	Dot-tailed Whiteface		N5
17	Libellula cyanea	Spangled Skimmer		N5
18	Libellula luctuosa	Widow Skimmer		N5
19	Libellula pulchella	Twelve-spotted Skimmer		N5
20	Pachydiplax longipennis	Blue Dasher		N5
21	Pantala flavescens	Wandering Glider		N5
22	Perithemis tenera	Eastern Amberwing		N5
23	Plathemis lydia	Common Whitetail		N5
24	Sympetrum corruptum	Varigated Meadowhawk		N5
25	Sympetrum obtrusum	White-faced Meadowhawk		N5
26	Sympetrum semicinctum	Band-winged Meadowhawk		N5
27	Sympetrum rubicundulum	Ruby Meadowhawk		N5
28	Sympetrum vicinum	Autumn Meadowhawk		N5
29	Tamea lacerata	Black Saddlebags		N5
30	Tamea onusta	Red Saddlebags		N5

	Johnson County Conservation Board May 10, 2017				
	Avian Survey Ciha Property				
	T-81-N, R-5-W, N.W. 1/4 of N.W. 1/4 of Section 13 Cedar Township, Johnson County, Iowa				
	Iowa Abundance: A = abundant, C = common, CL = common locally, U=uncommon UL =uncommon locally, R = rare, SC = special concern, Th = threatened, En = endangered, X = extirpated, E = extinct. Iowa Trend: D = decreasing, I = increasing, S = stable, K = unknown. Iowa Status: B =breeding, N = non-breeding.				
	Scientific Name	Common Name	Iowa Status/ Listing	National Rank/Listing	Regionally Important
1		American Coot			
2		American Crow			
3		American Goldfinch			
4		American kestrel			
5		American Redstart			
6		American Robin			
7		American Woodcock			
8		Baltimore Oriole			
9		Bank Swallow			
10		Barn Swallow			
11		Black-Billed Cuckoo			
12		Black-capped Chickadee			
13		Black and White Warbler			
14		Blue Jay			
15		Blue-gray Gnatcatcher			
16		Blue Wing Teal			
17		Bobolink			
18		Brown Creeper			
19		Brown Thrasher			
20		Brown-headed Cowbird			
21		Bufflehead			
22		Cedar Waxwing			
23		Chimney Swift			
24		Chipping Sparrow			
25		Cliff Swallow			
26		Common Grackle			
27		Common Yellowthroat			
28		Dickcissel			

29		Downy Woodpecker			
30		Eastern Bluebird			
31		Eastern Kingbird			
32		Eastern Meadowlark			
33		Eastern Phoebe			
34		Eastern Towhee			
35		Eastern Wood-Peevee			
36		European Starling			
37		Field Sparrow			
38		Golden Crowned Kinglet			
39		Grasshopper Sparrow			
40		Gray Catbird			
41	Ardea herodias	Great Blue Heron		N5B, N5N	
42		Great Crested Flycatcher			
43	Ardea albus	Great Egret		N5B, N5N	
44		Great Horned Owl			
45		Green Wing Teal			
46		Hairy Woodpecker			
47		Hooded Merganser			
48		House Sparrow			
49		House Wren			
50		Indigo Bunting			
51		Killdeer			
52		Lark sparrow			
53		Long-eared Owl			
54		Mallard			
55		Mourning Dove			
56		Northern Cardinal			
57		Northern Flicker			
58	Circus cyaneus	Northern Harrier		SGCN, Endangered	
59		Northern Oriole			
60		Northern Parula			
61		Orchard Oriole			
62		Palm Warbler			
63		Pileated Woodpecker			
64		Red-bellied Woodpecker			
65		Red-headed Woodpecker			
66		Red-Tailed Hawk			
67		Red-winged Blackbird			
68	Phasianus colchicus	Ring-necked Pheasant		NNA	
69		Ring-necked Duck			
		Rock Pigeon			

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Staus	Definition	
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N2 S2	Imperiled —Imperiled in the nation or state/province because of rarity due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors making it very vulnerable to extirpation from the nation or state/province.	
N3 S3	Vulnerable —Vulnerable in the nation or state/province due to a restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors making it vulnerable to extirpation.	
N4 S4	Apparently Secure —Uncommon but not rare; some cause for long-term concern due to declines or other factors.	
N5 S5	Secure —Common, widespread, and abundant in the nation or state/province.	