	1.1	Daniel Marc 40, 0047			I	
	Johnson County Conservati					
	Reptile Survey Ci	ha Property				
	T-81-N, R-5-W, N.W. 1/4 of N.W. 1/4 of Section 13 Cedar Township, Johnson County, Iowa					
	lowa Listing: SGCN	Species of Greatest Cor	nservation Need			
	SC= Special Concern	T = Threatened, E = E	ndangered			
	lowa Trend: K = Unk	$\frac{1}{1000}$ nown, D = Decreasing, S	S = Stable			
	Scientific Name	Common Name	lowa 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
NatureS	Serve National and Subnation	onal (State) Heritage Status Ra	ank Definitions			
(From w	ww.natureserve.org/explore	er/ ranking.htm accessed June	23, 2005.)			
Status		Definition				
N1	Critically Imperiled—Criti	cally imperiled in the nation or	state/province			
S1		· (often 5 or fewer occurrences)				
		ery steep declines making it esp				
	vulnerable to extirpation		•			
	·	·				
N2	Imperiled—Imperiled in th	ne nation or state/province bec	ause of rarity due			
S2		very few populations (often 20 c				
		making it very vulnerable to ex	•			
	nation or state/province.	making it very value asie to ex				
	nation of State, province.					
N2	Vulnarable Vulnarable in	the notion or state/previous d	uo to o reatricted			
N3		the nation or state/province di				
S 3		ulations (often 80 or fewer), reco				
	widespread declines, or o	other factors making it vulnerab	ole to extirpation.			
N4		ommon but not rare; some caus	se for long-term			
S4	concern due to declines					
N5		pread, and abundant in the nat	ion or			
S5	state/province.					

	Johnson County Conservat	ion Board May 10, 2017				
	Amphibian Surve			-		
	T-81-N, R-5-W, N.W. 1/4 of N	.W. 1/4 of Section 13 Cedar Town	ship, Johnson County,	lowa		
	1111 00 0			<u> </u>		
	lowa Listing: SC= S	pecial Concern, T = Thre	eatened, E = End	dangered		
	lowa Trend: K = Unk	nown, D = Decreasing,	S = Stable, I = Inc	reasing		
	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 versiacolor	Gray Treefrog	SGCN	S	S5	N5
5	Pseudacris maculata	Boreal Chorus Frog		S	S5	N5
6	Psuedocris cruifer	Spring Peeper	2.2.2	S	S5	N5
7	Rana pipiens	Northern Leopard Frog	SGCN	S	S5	N5
8	Lithobates catesbeianus	American Bullfrog			S5	N5
9	Lithobates clamitans	Green Frog		S	S5	N5
		ional (State) Heritage Status F				
(From w	ww.natureserve.org/explor	er/ ranking.htm accessed Jur	ne 23, 2005.)			
Status		Definition				
N1	Critically Imperiled—Criti	ically imperiled in the nation o	r state/province			
S1	because of extreme rarity	y (often 5 or fewer occurrence	s) or because of			
	some factor(s) such as ve	ery steep declines making it e	specially			
	vulnerable to extirpation					
N2	Imperiled—Imperiled in t	he nation or state/province be	cause of rarity due			
S2			•			
0 _		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.					
	nation of state, province:					
N3	Vulnarahla Vulnarahla ir	n the nation or state/province	due to a restricted			
S3						
33		ulations (often 80 or fewer), re				
	widespread declines, or o	other factors making it vulnera	able to extirpation.			
NI 4						
N4	Apparently Secure – Uncommon but not rare; some cause for long-term					
S4	concern due to declines					
N5		spread, and abundant in the na	ation or			
S 5	state/province.					

	Johnson County Conservation I	Board May 10, 2017						
	Mamillian Survey Ci	-						
	T-81-N, R-5-W, N.W. 1/4 of N.W. 1	<u> </u>	nin, Johnson County, Iowa					
	1-01 II, IX 0-11, IX.11. 1/4 01 IX.11.	THE OF OCCUPIENT TO OCCUPIE TOWNS	np, comison county, lowe					
	The taxonomic order follows that of Mammal Species of the World* used by the Smithsonian							
	Institution's National Museum	of Natural History, which can	be accessed at:					
	http://www.mnh.si.edu/							
		_						
	lowa Abundance: A = abundant, CL = common locally, U = uncommon, R = rare, V = vagrant,							
	lowa Trend: K = unknov	vn, I = increasing, S = s	table, D = decreasing	, NA = not	applicable	, v = Vagrant		
			lowa	lowa	Iowa Rank/	National		
	Scientific Name	Common Name	Abundance	Trend	Listing	Rank		
1	Procyon lotor	Raccoon	A	S	S5	N5		
	Blarina brevicauda	Nothern Short Tail Shrew						
	Canis latrans	Coyote						
	Didelphis virginiana Felis catus	Opossum Feral Cat						
-	Geomys Bursarius	Plains Pocket Gopher	CL	D	SGCN	N5		
	Marmota monax	Woodchuck	OL	<u> </u>	SGON	INO		
	Mephitis mephitis	Striped Skunk						
	Microtus pennsylvanicus	Meadow Vole						
	Mustela vison	Mink						
	Odocoileus virginianus	White-Tailed Deer						
	Peromyscus maniculatus	Deer Mouse						
13	Reithrodontomys megalotis	Western Harvest Mouse						
14	Scalopus aquaticus	Eastern Mole						
15	Sciurus carolinensis	Gray Squirrel						
	Sciurus niger	Fox Squirrel						
	Sylvilagus floridanus	Eastern Cottontail Rabbit						
	Tamias striatus	Eastern Chipmunk						
	Taxidea taxus	Badger						
	Vulpes vulpes	Red Fox						
	Lasiurus borealis	Red Bat	01	0	0.4	NIC		
	Zapus hudsonius	Meadow Jumping Mouse	CL Optimitions	S	S4	N5		
	erve National and Subnationa							
	/w.natureserve.org/explorer/	ranking.ntm accessed June	23, 2005.)					
Status	Definition							
N1	Critically Imperiled—Critically							
S1	because of extreme rarity (of							
	some factor(s) such as very s		ecially					
	vulnerable to extirpation fron	n the state/province.						
N2	Imperiled—Imperiled in the n	ation or state/province beca	ause of rarity due					
S2	to very restricted range, very	few populations (often 20 o	r fewer), steep					
	declines, or other factors ma	king it very vulnerable to ex	tirpation from the					
	nation or state/province.							
N3	Vulnerable — Vulnerable in the	e nation or state/province du	ue to a restricted					
S3	range, relatively few populati	ons (often 80 or fewer), rece	ent and					
	widespread declines, or othe	r factors making it vulnerab	le to extirpation.					
N4	Apparently Secure – Uncomn	non but not rare; some caus	se for long-term					
S4	concern due to declines or o							
N5	Secure - Common, widespre	ad, and abundant in the nat	ion or					
	state/province.							

Johnson County Conservation Board M	May 10, 2017		
Odonata Survey Ciha Pr	operty		
T-81-N, R-5-W, N.W. 1/4 of N.W. 1/4 of S			
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 Meadowhark		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 Tramea lacerata	Black Saddlebags		N5
30 Tramea 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

<u>Iowa Abundance</u>: 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.

<u>lowa Trend</u>: D = decreasing, I = increasing, S = stable, K = unknown.

<u>lowa Status</u>: B =breeding, N = non-breeding.

			Iowa Status/	National	Regionally
	Scientific Name	Common Name	Listing	Rank/Listing	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-Peewee	
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	1.02,1.01.
43 Ardea albus	Great Egret	N5B, N5N
44	Great Horned Owl	1.02,1.01.
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	
Phasianus colchicus	Ring-necked Pheasant	NNA
68	Ring-necked Duck	
69	Rock Pigeon	

70	Rose-breasted Grosbeak	
71	Ruby-throated Hummingbird	
72	Savannah Sparrow	
73	Sedge Wren	
74	Sharp Shinned Hawk	
75	Song Sparrow	
76	Swamp Sparrow	
77	Tennessee Warbler	
78	Tree Swallow	
79	Tufted Titmouse	
80 Cathartes aura	Turkey Vulture	N5B, N5N
81	Veery	
82	Vesper Sparrow	
83	White-breasted Nuthatch	
84	White-throated Sparrow	
85 Meleagris gallopavo	Wild Turkey	N5
86	Wood Duck	
87	Wood Thrush	
88	Yellow-billed Cuckoo	
89	Yellow-throated Vireo	
90	Yellow-rumped Warbler	
	national (State) Heritage Status Rank Definitions	

(From w	ww.natureserve.org/explorer/ ranking.htm accessed June 23, 2005.)	
Staus	Definition	
N1 S1	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.	
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.	