

P.C.# 6

12/17/06

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STATE OF ILLINOIS
Pollution Control Board

Fax to (312) 814-3669

Illinois Pollution Control Board

Comment: Appeal from Granite City Steel permit

ON IT MAY CONCERN:

19 pages

The letter is in regard as to whether a hearing should be held about waste discharge into Horseshoe Lake, Madison Co. IL. I'm in favor of having one.

Horseshoe Lk. has been around in its present form for scores of years. 308 species of birds have occurred there as well as 75± species of butterflies and numerous wetland species of dragonflies. It is also a very popular spot for duck hunting. As more and more historical wetlands are degraded and eliminated, waterfowl are forced into smaller and smaller situations, putting large numbers of birds at risk for Botulism, Duck Plague and other devastating diseases.

Organized counts of birds - Christmas count and Spring Bird count, as well as Butterfly counts, the last few years are sources of some of the enclosed data.

Thank you for your time

JIM ZIEBOL
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ST. LOUIS, MO 63104

President, St. Louis Chapter
North American Butterfly Ass'n
Co-Chair, Ornithology
Webster Groves Nature Study Society

JUNE BUTTERFLY REPORT

Yvonne Homeyer

June Sightings: Jim Ziebol saw 1 **Dukes's Skipper** at Horseshoe Lake on 6/1; this is the first time Jim has seen an individual from the early summer brood (more will emerge in August). Jim also observed a **Delaware Skipper**. On another trip to Fults Hill Prairie on 6/2, Ron Goetz found Bell's Roadside Skipper (a county record), **Hayhurst's Scallopwing** (first sighting in the immediate St. Louis area), and Gorgone Checkerspot. A **Variegated Fritillary**, 2 **Banded Hairstreaks**, Giant Swallowtail and numerous Hackberries were highlights at Busch Wildlife on 6/3 (YH).

The butterfly of the year will undoubtedly be the **BROAD-WINGED SKIPPERS** found by Jim Ziebol on 6/3 at Horseshoe Lake. This species is a new discovery for the St. Louis area, as well as a county record for Madison County, Illinois. Whether these Broad-winged Skippers have resided at Horseshoe Lake for a long time, unnoticed, or whether they have recently taken up residence, we don't know. In *Butterflies through Binoculars: the East*, Jeffrey Glassberg states that this species of tidal wetlands has been expanding its range to inland fresh-water marshes. Whichever the case, the habitat is perfect: Horseshoe Lake contains some of the last remaining wetlands in the St. Louis area, and also contains stands of Common Reed, *Phragmites communis*, the caterpillar food (host) plant. To protect this vulnerable colony from individuals who might wish to collect, we are not disclosing the precise location except to NABA members. In your next issue of *American Butterflies*, check out the "Hot Seens" column by Michael Reese for a report on this discovery. (Documentation: video, Jim Ziebol and Yvonne Homeyer; photographs Scott Marshall).

*Webster Groves
Nature Study Society
PO Box 190065
St. Louis, MO 63119*

The objectives of the society are: To stimulate interest in nature study on the part of adults and children; to cooperate with other organizations in nature study; to encourage amateur research in the natural sciences; to promote conservation of wildlife and natural beauty. Open to all with an interest in nature.

established in 1920



**North American Butterfly Association
St. Louis Chapter**

www.naba.org/chapters/nabas/stlouis.htm

The St. Louis Chapter of NABA, a non-profit organization, is working to promote the public enjoyment and conservation of butterflies in the St. Louis area. Please join us in these efforts.



**Jim Ziebol,
President**

(314) 781-7372

Ron Goetz reported 26 species at Kidd Lake Marsh in Monroe County, Illinois on 6/7. Highlights included 3 **Bronze Coppers**, 1 **Dion Skipper**, 1 Hoary Edge, and most notably, a **Golden-Banded Skipper**, a very rare find in the St. Louis area. A **Striped Hairstreak** visited the Butterfly Weed in Dave Berry's garden on 6/10; this is an exceptional yard butterfly and one that has rarely been reported by NABA members anywhere in the St. Louis area, although it is a resident species.

CHECKLIST OF THE BIRDS OF HORSESHOE LAKE

Madison County, Illinois

Spring Migration (mid February - early June)

Nesting Season/Dispersal (May - August)

Fall Migration (late June - mid December)

Winter Season (mid December - mid February)

Common - occurs regularly and in considerable numbers, easy to observe

Fairly Common - occurs regularly, but in smaller numbers, easy to observe

Uncommon - occurs regularly, but in small numbers, may be missed

Rare - occurs regularly, but in very small numbers, likely to be missed

Very Rare - occurs irregularly, as a vagrant, or out of season, likely to be missed

* - unresolved status

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Family Anatidae	spring	summer	fall	winter
1. Greater White-fronted Goose	FC			R
2. Snow Goose	C		U	U
3. Ross's Goose	R			
4. Brant			VR	
5. Cackling Goose	*		*	*
6. Canada Goose	C	FC	C	C
7. Mute Swan (feral population)	R	R	R	R
8. Trumpeter Swan (introduced migrant population)	VR			VR
9. Tundra Swan			VR	
10. Wood Duck	FC	U	C	VR
11. Gadwall	C	R	C	C
12. American Wigeon	U		U	U
13. American Black Duck	R		R	R

14. Mallard	C	C	C	C
15. Blue-winged Teal	C	R	C	VR
16. Cinnamon Teal	VR			
17. Northern Shoveler	C	R	C	U
18. Northern Pintail	FC	R	FC	U
19. Green-winged Teal	C		C	U
20. Canvasback	FC		FC	U
21. Redhead	FC	R	FC	U
22. Ring-necked Duck	C		C	U
23. Greater Scaup	U		R	R
24. Lesser Scaup	FC		FC	U
25. Surf Scoter			R	R
26. White-winged Scoter			R	R
27. Black Scoter				VR
28. Long-tailed Duck			VR	R
29. Bufflehead	U		U	R
30. Common Goldeneye	C		FC	U
31. Hooded Merganser	U	VR	U	R
32. Common Merganser	U		VR	C
33. Red-breasted Merganser	C		FC	U
34. Ruddy Duck	C	R	C	U
Family Phasianidae	spring	summer	fall	winter
35. Ring-necked Pheasant (feral population)	R	R	R	U

36. Wild Turkey	U	U	U	U
Family Odontophoridae	spring	summer	fall	winter
37. Northern Bobwhite	U	U	U	U
Family Gaviidae	spring	summer	fall	winter
38. Red-throated Loon	R		R	
39. Pacific Loon			VR	
40. Common Loon	U		U	R
Family Podicipedidae	spring	summer	fall	winter
41. Pied-billed Grebe	C	U	C	R
42. Horned Grebe	U		FC	R
43. Red-necked Loon Grebe			VR	VR
44. Eared Grebe	R		U	
45. Western Grebe	VR		R	
46. Clark's Grebe			VR	
Family Pelecanidae	spring	summer	fall	winter
47. American White Pelican	C		C	R
Family Phalacrocoracidae	spring	summer	fall	winter
48. Neotropic Cormorant			VR	
49. Double-crested Cormorant	C	FC	C	R
Family Ardeidae	spring	summer	fall	winter
50. American Bittern	R		R	
51. Least Bittern	R	R		

52. Great Blue Heron	C	C	C	U
53. Great Egret	C	C	C	R
54. Snowy Egret	U	FC	FC	
55. Little Blue Heron	U	FC	FC	
56. Tricolored Heron	VR	VR		
57. Cattle Egret	U	U	U	
58. Green Heron	U	U	U	
59. Black-crowned Night-Heron	C	C	U	R
60. Yellow-crowned Night-Heron	R	R	R	
Family Threskiornithidae	spring	summer	fall	winter
61. White Ibis		VR		
62. Glossy Ibis	VR	R		
63. White-faced Ibis	VR	VR		
Family Ciconiidae	spring	summer	fall	winter
64. Wood Stork		VR		
Family Cathartidae	spring	summer	fall	winter
65. Turkey Vulture	R	R	R	
Family Accipitridae	spring	summer	fall	winter
66. Osprey	R		R	
67. Mississippi Kite		VR		
68. Bald Eagle	U		U	FC
69. Northern Harrier	R		U	R

70. Sharp-shinned Hawk	R		R	R
71. Cooper's Hawk	U	R	U	U
72. Northern Goshawk	VR			VR
73. Red-shouldered Hawk	R	R	R	R
74. Broad-winged Hawk	VR		VR	
75. Swainson's Hawk	VR			
76. Red-tailed Hawk	C	FC	C	C
77. Rough-legged Hawk			R	R
78. Golden Eagle	VR		VR	
Family Falconidae	spring	summer	fall	winter
79. American Kestrel	FC	FC	FC	FC
80. Merlin	R		R	VR
81. Peregrine Falcon	R	R	U	VR
Family Rallidae	spring	summer	fall	winter
82. Yellow Rail	VR		VR	
83. King Rail	R	VR		
84. Virginia Rail	U		R	
85. Sora	U		U	
86. Common Moorhen	R	R	R	
87. American Coot	C	U	C	U
Family Gruidae	spring	summer	fall	winter
88. Sandhill Crane	VR		VR	

Family Charadriidae	spring	summer	fall	winter
89. Black-bellied Plover	VR		R	
90. American Golden-Plover	U		U	
91. Semipalmated Plover	R		U	
92. Piping Plover			R	
93. Killdeer	C	C	C	R
Family Recurvirostridae	spring	summer	fall	winter
94. Black-necked Stilt			VR	
95. American Avocet			R	
Family Scolopacidae	spring	summer	fall	winter
96. Spotted Sandpiper	U	VR	U	
97. Solitary Sandpiper	U		U	
98. Greater Yellowlegs	U		U	
99. Willet	R		R	
100. Lesser Yellowlegs	U		U	
101. Upland Sandpiper	R		R	
102. Hudsonian Godwit	R		R	
103. Marbled Godwit	R		R	
104. Ruddy Turnstone			R	
105. Red Knot			VR	
106. Sanderling			R	
107. Semipalmated Sandpiper	U		FC	

108. Western Sandpiper			R	
109. Least Sandpiper	U		C	VR
110. White-rumped Sandpiper			R	
111. Baird's Sandpiper			U	
112. Pectoral Sandpiper	FC		C	
113. Dunlin			R	
114. Stilt Sandpiper	R		U	
115. Buff-breasted Sandpiper			R	
116. Ruff			VR	
117. Short-billed Dowitcher	R		U	
118. Long-billed Dowitcher	R		U	
119. Wilson's Snipe	FC		FC	VR
120. American Woodcock	R			
121. Wilson's Phalarope	R		R	
122. Red-necked Phalarope			VR	
123. Red Phalarope			VR	
Family Laridae	spring	summer	fall	winter
124. Laughing Gull	R	VR	R	
125. Franklin's Gull	R		U	
126. Little Gull			VR	
127. Bonaparte's Gull	C		C	R
128. Ring-billed Gull	C	U	C	C

129. California Gull				VR
130. Herring Gull	R		R	U
131. Thayer's Gull				R
132. Iceland Gull				VR
133. Lesser Black-backed Gull			R	R
134. Glaucous Gull				R
135. Great Black-backed Gull				VR
136. Sabine's Gull			VR	
137. Black-headed Gull				VR
138. Black-legged Kittiwake				VR
139. Least Tern		VR	VR	
140. Caspian Tern	R		R	
141. Black Tern	U		U	
142. Common Tern	R		R	
143. Forster's Tern	U		U	
Family Columbidae	spring	summer	fall	winter
144. Rock Pigeon(feral population)	C	C	C	C
145. Mourning Dove	C	C	C	FC
Family Psittacidae	spring	summer	fall	winter
146. Monk Parakeet (feral population)		VR		
Family Cuculidae	spring	summer	fall	winter
147. Yellow-billed Cuckoo	U	R	R	

146. Black-billed Cuckoo	VR		VR	
Family Strigidae	spring	summer	fall	winter
149. Eastern Screech-Owl	U	U	U	U
150. Great Horned Owl	U	U	U	U
151. Barred Owl	U	U	U	U
152. Long-eared Owl				VR
153. Short-eared Owl				VR
Family Caprimulgidae	spring	summer	fall	winter
154. Common Nighthawk	U	U	U	
155. Chuck-will's-widow	VR			
156. Whip-poor-will	R			
Family Apodidae	spring	summer	fall	winter
157. Chimney Swift	C	C	C	
Family Trochilidae	spring	summer	fall	winter
158. Ruby-throated Hummingbird	U	R	U	
Family Alcedinidae	spring	summer	fall	winter
159. Belted Kingfisher	U	U	U	R
Family Picidae	spring	summer	fall	winter
160. Red-headed Woodpecker	R	R	R	R
161. Red-bellied Woodpecker	U	U	U	U
162. Yellow-bellied Sapsucker	U		U	VR
163. Downy Woodpecker	C	C	C	C

164. Hairy Woodpecker	R	R	R	R
165. Northern Flicker	U	U	U	U
166. Pileated Woodpecker	R	R	R	R
Family Tyrannidae	spring	summer	fall	winter
167. Olive-sided Flycatcher	R		R	
168. Eastern Wood-Pewee	U	U	R	
169. Yellow-bellied Flycatcher	R		R	
170. Acadian Flycatcher	R	R		
171. Alder Flycatcher	VR			
172. Willow Flycatcher	U	U		
173. Least Flycatcher	U			
174. Eastern Phoebe	U	U	U	VR
175. Great Crested Flycatcher	U	U	U	
176. Western Kingbird	R	R	R	
177. Eastern Kingbird	C	FC	C	
178. Scissor-tailed Flycatcher	VR			
Family Laniidae	spring	summer	fall	winter
179. Loggerhead Shrike			VR	VR
180. Northern Shrike			VR	VR
Family Vireonidae	spring	summer	fall	winter
181. White-eyed Vireo	U	U	U	
182. Bell's Vireo	U	U	U	

183. Yellow-throated Vireo	R		R	
184. Blue-headed Vireo	R		R	
185. Warbling Vireo	C	C	FC	
186 Philadelphia Vireo	R		R	
187. Red-eyed Vireo	U	U	U	
Family Corvidae	spring	summer	fall	winter
188. Blue Jay	FC	FC	FC	U
189. American Crow	C	C	C	C
190. Fish Crow	U	U	R	VR
Family Alaudidae	spring	summer	fall	winter
191. Horned Lark	U	R	U	U
Family Hirundinidae	spring	summer	fall	winter
192. Purple Martin	FC	FC	R	
193. Tree Swallow	C	C	C	
194. Northern Rough-winged Swallow	U	R	U	
195. Bank Swallow	U	U	U	
196. Cliff Swallow	U	R	U	
197. Barn Swallow	C	C	C	
Family Paridae	spring	summer	fall	winter
198. Carolina Chickadee	FC	FC	FC	FC
199. Tufted Titmouse	U	U	U	U
Family Sittidae	spring	summer	fall	winter

200. Red-breasted Nuthatch	VR		VR	VR
201. White-breasted Nuthatch	R	R	R	R
Family Certhiidae	spring	summer	fall	winter
202. Brown Creeper	U		U	R
Family Troglodytidae	spring	summer	fall	winter
203. Rock Wren			VR	
204. Carolina Wren	FC	FC	FC	U
205. House Wren	U	R	U	
206. Winter Wren	R		R	VR
207. Sedge Wren	R	VR	R	
208. Marsh Wren	R		R	
Family Regulidae	spring	summer	fall	winter
209. Golden-crowned Kinglet	FC		FC	R
210. Ruby-crowned Kinglet	FC		FC	R
Family Sylviidae	spring	summer	fall	winter
211. Blue-gray Gnatcatcher	C	C	U	
Family Turdidae	spring	summer	fall	winter
212. Eastern Bluebird	U	R	R	VR
213. Veery	R			
214. Gray-cheeked Thrush	R		R	
215. Swainson's Thrush	U		U	
216. Hermit Thrush	U		U	VR

217. Wood Thrush	R		R	
218. American Robin	C	C	C	C
Family Mimidae	spring	summer	fall	winter
219. Gray Catbird	FC	U	FC	
220. Northern Mockingbird	C	C	C	U
221. Brown Thrasher	FC	FC	FC	VR
Family Sturnidae	spring	summer	fall	winter
222. European Starling (feral population)	C	C	C	C
Family Motacillidae	spring	summer	fall	winter
223. American Pipit	R		VR	r
Family Bombycillidae	spring	summer	fall	winter
224. Cedar Waxwing	U	R	R	R
Family Parulidae	spring	summer	fall	winter
225. Blue-winged Warbler	R		R-	
226. Golden-winged Warbler	R		R	
227. Tennessee Warbler	U		U	
228. Orange-crowned Warbler	U		U	VR
229. Nashville Warbler	U		U	
230. Northern Parula	R		R	
231. Yellow Warbler	C	C	R	
232. Chestnut-sided Warbler	FC		U	
233. Magnolia Warbler	U		U	

234. Cape May Warbler	U		R	
235. Yellow-rumped Warbler	C		C	R
236. Black-throated Green Warbler	U		U	
237. Blackburnian Warbler	R		R	
238. Yellow-throated Warbler	R			
239. Prairie Warbler	VR			
240. Palm Warbler	FC		FC	
241. Bay-breasted Warbler	U		R	
242. Blackpoll Warbler	U		R	
243. Cerulean Warbler	VR			
244. Black-and-white Warbler	U		U	
245. American Redstart	U		U	
246. Prothonotary Warbler	U	U		
247. Pine Warbler	VR			
248. Worm-eating Warbler				
249. Ovenbird	R		R	
250. Northern Waterthrush	U		R	
251. Louisiana Waterthrush				
252. Kentucky Warbler	VR			
253. Connecticut Warbler	VR			
254. Mourning Warbler	R		R	
255. Common Yellowthroat	C	U	U	

256. Hooded Warbler	R			
257. Wilson's Warbler	U		U	
258. Canada Warbler	U		U	
259. Yellow-breasted Chat	U	U		
Family Thraupidae	spring	summer	fall	winter
260. Summer Tanager	R		R	
261. Scarlet Tanager	R		R	
Family Emberizidae	spring	summer	fall	winter
262. Eastern Towhee	R	R	R	VR
263. American Tree Sparrow	FC		FC	U
264. Chipping Sparrow	R	R	R	
265. Clay-colored Sparrow	VR		VR	
266. Field Sparrow	U	U	U	VR
267. Vesper Sparrow	R		U	
268. Lark Sparrow	R	R	R	
269. Savannah Sparrow	FC		FC	R
270. Grasshopper Sparrow	R	R		
271. Henslow's Sparrow	VR		VR	
272. Le Conte's Sparrow	R		R	VR
273. Nelson's Sharp-tailed Sparrow	VR		VR	
274. Fox Sparrow	R		R	VR
275. Song Sparrow	FC	U	FC	U

276. Lincoln's Sparrow	R		U	
277. Swamp Sparrow	U		U	R
278. White-throated Sparrow	C		C	FC
279. Harris's Sparrow	R		R	R
280. White-crowned Sparrow	C		C	FC
281. Dark-eyed Junco	U		FC	FC
282. Lapland Longspur			R	R
283. Smith's Longspur	VR		VR	
284. Snow Bunting				VR
Family Cardinalidae	spring	summer	fall	winter
285. Northern Cardinal	C	C	C	C
286. Rose-breasted Grosbeak	U		U	
287. Blue Grosbeak	U	U	R	
288. Indigo Bunting	C	FC	FC	VR
289. Dickcissel	U	U	U	
Family Icteridae	spring	summer	fall	winter
290. Bobolink	U		R	
291. Red-winged Blackbird	C	C	C	C
292. Eastern Meadowlark	C	U	C	R
293. Western Meadowlark				VR
294. Yellow-headed Blackbird	VR	VR	VR	
295. Rusty Blackbird	U		R	R

