**Helpful Aids for Adding Data to the Ohio Odonata Survey**

**Ohio State Listed Odonata 2017**

(See<http://wildlife.ohiodnr.gov/species-and-habitats/state-listed-species>for any updates)

**OHIO LISTED ENDANGERED**

***DRAGONFLIES***

Hine’s Emerald \*E *Somatochlora hineana*

Mottled Darner *Aeshna clepsydra*

Plains Clubtail *Gomphus externus*

American Emerald *Cordulia shurtleffi*

Uhler’s Sundragon *Helocordulia uhleri*

Frosted Whiteface *Leucorrhinia frigida*

Elfin Skimmer *Nannothemis bella*

Canada Darner *Aeshna canadensis*

Racket-tailed Emerald *Dorocordulia libera*

Brush-tipped Emerald *Somatochlora walshii*

Blue Corporal *Ladona deplanata*

Chalk-fronted Corporal *Ladona julia*

Yellow-sided Skimmer *Libellula flavida*

***DAMSELFLIES***

Lilypad Forktail *Ischnura kellicotti*

Seepage Dancer *Argia bipunctulata*

River Jewelwing *Calopteryx aequabilis*

\*E indicates federally endangered and has additional collection restrictions

**OHIO LISTED THREATENED**

***DRAGONFLIES***

Riffle Snaketail Ophiogomphus carolus

Harlequin Darner *Gomphaeschna furcillata*

Green-faced Clubtail *Gomphus viridifrons*

***DAMSELFLIES***

Boreal Bluet *Enallagma boreale*

Northern Bluet *Enallagma cyathigerum*

Marsh Bluet *Enallagma ebrium’s*

**OHIO LISTED SPECIES OF CONCERN**

***DRAGONFLIES***

Tiger Spiketail *Cordulegaster erronea*

***DAMSELFLIES***

None

**Suggested Helpful References for Odonata ID in Ohio**

Glotzhober, Robert C. and Dave McShaffrey. 2002***. The Dragonflies and Damselflies of Ohio.***

Ohio Biological Survey, Bulletin/New Series, Volume 14, Number 2.

(*364 pp. Illustrated Keys for ID of specimens in hand with magnification.*

*Detailed species descriptions with habitat info, Ohio maps and known flight dates.*

*Base line for entire state*.)

Lam, Ed. 2004. ***Damselflies of the Northeast***. Biodiversity Books, Forest Hills, NY

 (96pp. Excellent field guide for area with 2 or 3 or more colored illustrations for

each species with details on how to separate for ID)

Paulson, Dennis. 2011. ***Dragonflies and Damselflies of the East***. Princeton University Press.

 (538 pp. Excellent descriptions and photos for U.S. east of Mississippi River.

Therefore, it includes many species not in Ohio, but is highly useful for ID and

species discussions.)

Rosche, Larry, Judy Semroc and Linda Gilbert. 2008. ***Dragonflies and Damselflies of Northeast Ohio***,

 ***Second Edition***. Cleveland Museum of Natural History.

 (300 pp. Spiral bound for easy use. Includes 14 northeastern Ohio counties. Excellent

 photos and illustrations and species discussions. Includes a flight season line and map of

which counties each species was known from. Be sure to get “Second Edition.”)

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**Ohio Odonata** ***List with Species Numbers March 2017***

 *Use these numbers for “SP\_Number” in the spreadsheet when making reports*

**PETALURIDAE**

2 *Tachopteryx thoreyi* Gray Petaltail

**GOMPHIDAE**

3 *Progomphus obscurus* Common Sanddragon

7 *Hagenius brevistylus* Dragonhunter

14 *Ophiogomphus rupinsulensis* Rusty Snaketail

20 *Ophiogomphus carolus* Riffle Snaketail

25 *Erpetogomphus designatus* Eastern Ringtail

30 *Gomphus abbreviatus* Spine-crowned Clubtail

31 *Gomphus viridifrons* Green-faced Clubtail

33 *Gomphus fraternus* Midland Clubtail

34 *Gomphus externus* Plains Clubtail

35 *Gomphus crassus* Handsome Clubtail

41 *Stylurus amnicola* Riverine Clubtail

42 *Gomphus vastus* Cobra Clubtail

43 *Gomphus ventricosus* Skillet Clubtail

45 *Gomphus lineatifrons* Splendid Clubtail

48 *Stylurus notatus* Elusive Clubtail

49 *Stylurus plagiatus* Russet-tipped Clubtail

50 *Stylurus spiniceps* Arrow Clubtail

51 *Gomphus lividus* Ashy Clubtail

55 *Gomphus graslinellus* Pronghorn Clubtail

58 *Gomphus exilis* Lancet Clubtail

59 *Gomphus spicatus* Dusky Clubtail

64 *Gomphus quadricolor* Rapids Clubtail

71 *Arigomphus furcifer* Lilypad Clubtail

72 *Arigomphus villosipes* Unicorn Clubtail

72A *Stylurus laurae* Laura's Clubtail

74 *Dromogomphus spoliatus* Flag-tail Spinyleg

75 *Dromogomphus spinosus* Black-shouldered Spinyleg

76 *Stylogomphus albistylus* Least Clubtail

77 *Lanthus parvulus* Northern Pygmy Clubtail

77A *Lanthus vernalis* Southern Pygmy Clubtail

**AESHNIDAE**

79A *Gomphaeschna antilope* Taper-tailed Darner

79B *Gomphaeschna furcillata* Harlequin Darner

80 *Basiaeschna janata* Springtime Darner

81 *Boyeria vinosa* Fawn Darner

82 *Boyeria grafiana* Ocellated Darner

83 *Anax longipes* Comet Darner

85 *Anax junius* Common Green Darner

90 *Nasiaeschna pentacantha* Cyrano Darner

91 *Epiaeschna heros* Swamp Darner

96 *Rhionaeshna mutata* Spatterdock Darner

97 *Aeshna umbrosa* Shadow Darner

101 *Aeshna constricta* Lance-tipped Darner

102 *Aeshna interrupta* Variable Darner

103 *Aeshna clepsydra* Mottled Darner

107 *Aeshna tuberculifera* Black-tipped Darner

108 *Aeshna canadensis* Canada Darner

109 *Aeshna verticalis* Green-striped Darner

**CORDULEGASTRIDAE**

113 *Cordulegaster diastatops* Delta-spotted Spiketail

113A *Cordulegaster bilineata* Brown Spiketail

115 *Cordulegaster erronea* Tiger Spiketail

117 *Cordulegaster obliqua* Arrowhead Spiketail

120 *Cordulegaster maculata* Twin-spotted Spiketail

**MACROMIIDAE**

121 *Macromia i. illinoiensis* Illinois River Cruiser

122 *Macromia alleghaniensis* Allegheny River Cruiser

123 *Macromia taeniolata* Royal River Cruiser

124 *Macromia wabashensis* Wabash River Cruiser

125 *Macromia pacifica* Gilded River Cruiser

128 *Macromia illinoiensis georgina* Georgia River Cuiser

130 *Didymops transversa* Stream Cruiser

**CORDULIIDAE**

133 *Neurocordulia obsoleta* Umber Shadowdragon

134 *Neurocordulia yamaskanensis* Stygian Shadowdragon

135A *Neurocordulia molesta* Smokey Shadowdragon

136 *Epitheca princeps* Prince Baskettail

138 *Epitheca cynosura* Common Baskettail

138b *Epitheca costalis* Slender Bakettail

141 *Epitheca canis*  Beaverpond Baskettail

143 *Helocordulia uhleri* Uhler's Sundragon

146 *Somatochlora linearis* Mocha Emerald

147 *Somatochlora ensigera* Plains Emerald

148 *Somatochlora tenebrosa* Clamp-tailed Emerald

148A *Somatochlora hineana* Hine's Emerald

149 *Somatochlora incurvata* Incurvate Emerald

150 *Somatochlora walshii* Brush-tipped Emerald

164 *Somatochlora kennedyi* Kennedy's Emerald

166 *Cordulia shurtleffi* American Emerald

167 *Dorocordulia libera* Racket-tailed Emerald

**LIBELLULIDAE**

171 *Nannothemis bella* Elfin Skimmer

172D *Perithemis tenera* Eastern Amberwing

173 *Celithemis eponina* Halloween Pennant

174 *Celithemis elisa*  Calico Pennant

175 *Celithemis fasciata* Banded Pennant

183 *Erythrodiplax umbrata* Band-winged Dragonlet

184 *Erythrodiplax minuscula* (E. connata m.) Little Blue Dragonlet

187 *Ladona deplanata* Blue Corporal

188 *Libellula flavida* Yellow-sided Skimmer

189 *Ladona julia* Chalk-fronted Corporal

190 *Libellula luctuosa* Widow Skimmer

193 *Libellula auripennis* Golden-winged Skimmer

196 *Libellula cyanea* Eastern Spangled Skimmer

198 *Libellula semifasciata* Painted Skimmer

199 *Libellula pulchella* Twelve-Spotted Skimmer

201 *Libellula quadrimaculata* Four-Spotted Skimmer

204 *Libellula incesta*  Slaty Skimmer

205 *Libellula vibrans* Great Blue Skimmer

207 *Plathemis lydia* Common Whitetail

210 *Sympetrum corruptum* Variegated Meadowhawk

214 *Sympetrum ambiguum* Blue-faced Meadowhawk

216 *Sympetrum obtrusum* White-faced Meadowhawk

216A *Sympetrum internum* Cherry-faced Meadowhawk

217 *Sympetrum rubicundulum* Ruby Meadowhawk

219 *Sympetrum semicinctum* Band-winged Meadowhawk

220 *Sympetrum vicinum* Autumn Meadowhawk

221 *Sympetrum costiferum* Saffron-winged Meadowhawk

225 *Leucorrhinia intacta* Dot-tailed Whiteface

227 *Leucorrhinia frigida* Frosted Whiteface

230 *Pachydiplax longipennis* Blue Dasher

231 *Erythemis simplicicollis* Eastern Pondhawk

232 *Dythemis velox*  Swift Setwing

238 *Pantala hymenaea* Spot-winged Glider

239 *Pantala flavescens* Wandering Glider

241 *Tramea calverti* Striped Saddlebags

242 *Tramea lacerata* Black Saddlebags

243 *Tramea onusta* Red Saddlebags

244 *Tramea carolina* Carolina Saddlebags

**CALOPTERYGIDAE**

246 *Calopteryx angustipennis* Appalachian Jewelwing

248 *Calopteryx aequabilis* River Jewelwing

251 *Calopteryx maculata* Ebony Jewelwing

254 *Hetaerina americana* American Rubyspot

256 *Hetaerina titia* Smokey Ruby-spot

**LESTIDAE**

257 *Archilestes grandis* Great Spreadwing

259 *Lestes inaequalis* Elegant Spreadwing

260 *Lestes eurinus* Amber-winged Spreadwing

261 *Lestes congener* Spotted Spreadwing

262 *Lestes unguiculatus* Lyre-tipped Spreadwing

265 *Lestes forcipatus* Sweetflag Spreadwing

266a *Lestes disjunctus* Northern Spreadwing

266b *Lestes australis* Southern Spreadwing

267 *Lestes rectangularis* Slender Spreadwing

268 *Lestes dryas* Emerald Spreadwing

270 *Lestes vigilax* Swamp Spreadwing

**COENAGRIONIDAE**

277 *Argia apicalis* Blue-fronted Dancer

278 *Argia bipunctulata* Seepage Dancer

280a *Argia fumipennis violacea* Violet Dancer

284 *Argia moesta* Powdered Dancer

286 *Argia sedula* Blue-ringed Dancer

288 *Argia tibialis*  Blue-tipped Dancer

290 *Argia translata* Dusky Dancer

295 *Amphiagrion saucium* Eastern Red Damsel

298 *Nehalennia gracilis* Sphagnum Sprite

300 *Nehalennia irene* Sedge Sprite

301 *Chromagrion conditum* Aurora Damsel

305 *Coenagrion resolutum* Taiga Bluet

306 *Enallagma divagans* Turquoise Bluet

307 *Enallagma hageni* Hagen's Bluet

308 *Enallagma boreale* Boreal Bluet

310 *Enallagma annexum (cyathigerum)* Northern Bluet

314 *Enallagma geminatum* Skimming Bluet

321 *Enallagma signatum* Orange Bluet

322 *Enallagma vesperum* Vesper Bluet

326 *Enallagma ebrium* Marsh Bluet

327 *Enallagma exsulans* Stream Bluet

330 *Enallagma antennatum* Rainbow Bluet

331 *Enallagma carunculatum* Tule Bluet

331a *Enallagma anna* River Bluet

332 *Enallagma doubledayi* Atlantic Bluet

333 *Enallagma civile* Familiar Bluet

338 *Enallagma basidens* Double-striped Bluet

339 *Enallagma aspersum* Azure Bluet

341b *Enallagma traviatum westfalli* Western Slender Bluet

347 *Ischnura prognata* Furtive Forktail

349 *Ischnura posita* Fragile Forktail

350 *Ischnura kellicotti* Lilypad Forktail

357 *Ischnura verticalis* Eastern Forktail

360 *Ischnura hastata* Citrine Forktail

999 ID??