

# Checklist of the Odonates of North Carolina

Observer(s): \_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

Time: \_\_\_\_\_

Location: \_\_\_\_\_

County: \_\_\_\_\_

Weather: \_\_\_\_\_

Species Total: \_\_\_\_\_

This is a listing of the 184 odonate species known to occur in the state. Listed after each species is its State Rank and its State Status, followed by its geographic range.

## State Rank:

- S1 = Critically imperiled in the state
- S2 = Imperiled in the state
- S3 = Rare or uncommon in the state
- S4 = Apparently secure in the state
- S5 = Demonstrably secure in the state
- SH = Of historical occurrence, last record over 30 years ago
- SA = Accidental or casual visitor/stray

## State Status:

- SR = Significantly Rare
- W = Watch List

## Geographic range:

- M = Mountains
- P = Piedmont
- C = Coastal Plain
- + = Recorded in that region
- \* = Essentially restricted to estuarine habitats
- ( ) = Of marginal occurrence in the region

## Petalails (PETALURIDAE) - 1 sp. in NC

\_\_\_ Gray Petaltail - *Tachopteryx thoreyi* S3S4 + + (+) **M P C**

## Darners (AESHNIDAE) - 14 spp. in NC

\_\_\_ Black-tipped Darner - *Aeshna tuberculifera* S1S2 - SR +

\_\_\_ Shadow Darner - *A. umbrosa* S5 + + +

\_\_\_ Green-striped Darner - *A. verticalis* S1S2 - SR +

\_\_\_ Common Green Darner - *Anax junius* S5 + + +

\_\_\_ Comet Darner - *A. longipes* S4 + + +

\_\_\_ Springtime Darner - *Bastiaeschna janata* S5 + + +

\_\_\_ Ocellated Darner - *Boyeria graefiana* S3? - W +

\_\_\_ Fawn Darner - *B. vinosa* S5 + + +

## Darners (AESHNIDAE) - 14 spp. in NC

\_\_\_ Regal Darner - *Coryphaeschna ingens* S3? - W (+) +

\_\_\_ Swamp Darner - *Epiaeschna heros* S5 + + +

\_\_\_ Taper-tailed Darner - *Gomphaeschna antilope* S4 + + +

\_\_\_ Harlequin Darner - *G. fuscillata* S4S5 + + +

\_\_\_ Cyrano Darner - *Nastieschna pentacantha* S4S5 + + +

\_\_\_ Phantom Darner - *Triacanthagyna trifida* S2? - W +

## Clubtails (GOMPHIDAE) - 46 spp. in NC

\_\_\_ Two-striped Forcetail - *Aphylla williamsi* S3? - W +

\_\_\_ Gray-green Clubtail - *Argomphus pallidus* S1? - W +

\_\_\_ Unicorn Clubtail - *A. villosipes* S3? - W + (+) +

\_\_\_ Southeastern Spinyleg - *Dromogomphus armatus* S3? - W +

\_\_\_ Black-shouldered Spinyleg - *D. spinosus* S5 + + +

\_\_\_ Eastern Ringtail - *Erpetogomphus designatus* S3? - W + + +

\_\_\_ Spine-crowned Clubtail - *Gomphus abbreviatus* S3? - SR + (+)

\_\_\_ Mustached Clubtail - *G. adelphus* S1S2 - SR +

\_\_\_ Banner Clubtail - *G. apomyius* S3? - W +

\_\_\_ Clearlake Clubtail - *G. australis* S2? - SR +

\_\_\_ Beaverpond Clubtail - *G. borealis* SH - SR +

\_\_\_ Sandhill Clubtail - *G. cavillaris* S1S2 - SR +

\_\_\_ Cherokee Clubtail - *G. consanguis* S1S2 - SR +

\_\_\_ Harpoon Clubtail - *G. descriptus* S1? - SR +

\_\_\_ Blackwater Clubtail - *G. dilatatus* S3? - W +

\_\_\_ Diminutive Clubtail - *G. diminutus* S3S4 - W + (+) +

\_\_\_ Lancelet Clubtail - *G. exilis* S5 + + +

\_\_\_ Midland Clubtail - *G. fraternus* S1? - SR +

\_\_\_ Cocoa Clubtail - *G. hybridus* S3? +

\_\_\_ Splendid Clubtail - *G. lineatifrons* S2S3 - SR + + +

\_\_\_ Ashy Clubtail - *G. lividus* S5 + + +

\_\_\_ Piedmont Clubtail - *G. parvidens* S3? + + +

\_\_\_ Rapids Clubtail - *G. quadricolor* S1? - SR +

\_\_\_ Sable Clubtail - *G. rogersi* S2S3 - W + (+)

\_\_\_ Septima's Clubtail - *G. septima* S1S2 - SR + (+)

\_\_\_ Cobra Clubtail - *G. vasterus* S3S4 (+) + +

\_\_\_ Skillet Clubtail - *G. ventricosus* S1S2 - SR +

\_\_\_ Green-faced Clubtail - *G. viridifrons* S1S2 - SR +

\_\_\_ Dragonhunter - *Hagenius brevistylus* S5 + + +

\_\_\_ Southern Pygmy Clubtail - *Lanthus vernalis* S3S4 +

\_\_\_ Brook Snaketail - *Ophiogomphus aspersus* S1S2 - SR +

\_\_\_ Edmund's Snaketail - *O. edmundo* S1? - SR +

\_\_\_ Pygmy Snaketail - *O. howei* S1S2 - SR +

\_\_\_ Appalachian Snaketail - *O. incurvatus* S3 (+) +

\_\_\_ Maine Snaketail - *O. mainensis* S2S3 - SR + (+)

\_\_\_ Rusty Snaketail - *O. rupinulensis* S1? - SR +

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Notes on the Odonates of North Carolina - First Approximation

[http://149.1.196/odes/a/nc\\_checklist.php](http://149.1.196/odes/a/nc_checklist.php)

## M P C

\_\_\_ **Clubtails (GOMPHIDAE) - 46 spp. in NC**

\_\_\_ Belle's Sanddragon - *Progomphus belli* S1 - SR +

\_\_\_ Common Sanddragon - *P. obscurus* S5 + + +

\_\_\_ Eastern Least Clubtail - *Stylogomphus albisylvius* S3S4 + + +

\_\_\_ Riverine Clubtail - *Stylurus amnicola* S3? - W + + +

\_\_\_ Shining Clubtail - *S. ivae* S3S4 +

\_\_\_ Laura's Clubtail - *S. laurae* S4 (+) + +

\_\_\_ Russet-tipped Clubtail - *S. plagiatus* S4S5 (+) + +

\_\_\_ Zebra Clubtail - *S. scudderi* S3? - SR +

\_\_\_ Arrow Clubtail - *S. spiniceps* S3S4 + + +

\_\_\_ Townes' Clubtail - *S. townesi* S1? - SR +

## Spiketails (CORDULEGASTRIDAE) - 4 spp. in NC

\_\_\_ Brown Spiketail - *Cordulegaster bilineata* S3S4 + + +

\_\_\_ Tiger Spiketail - *C. erronea* S3? - W + + +

\_\_\_ Twin-spotted Spiketail - *C. maculata* S5 + + +

\_\_\_ Arrowhead Spiketail - *C. obliqua* S3? + + +

## Cruisers (MACROMIIDAE) - 5 spp. in NC

\_\_\_ Stream Cruiser - *Didymops transversa* S5 + + +

\_\_\_ Allegheny River Cruiser - *Macromia alleghaniensis* S3S4 + + +

\_\_\_ Swift River Cruiser - *M. illinoensis* S5 + + +

\_\_\_ Mountain River Cruiser - *M. margarita* S2S3 - SR + +

\_\_\_ Royal River Cruiser - *M. taeniolata* S4S5 + + +

## Emeralds (CORDULIDAE) - 19 spp. in NC

\_\_\_ American Emerald - *Cordulia shurtleffi* S1? - SR +

\_\_\_ Slender Baskettail - *Epitheca costalis* S5? + + +

\_\_\_ Common Baskettail - *E. cynosura* S5 + + +

\_\_\_ Prince Baskettail - *E. princeps* S5 + + +

\_\_\_ Mantled Baskettail - *E. semiaqua* S5 (+) +

\_\_\_ Robust Baskettail - *E. spinosa* S3S4 - W + + +

\_\_\_ Selys' Sundragon - *Helocordulia selysii* S4 + + +

\_\_\_ Uhler's Sundragon - *H. uhleri* S3S4 + + (+)

\_\_\_ Alabama Shadowdragon - *Neurocordulia alabamensis* S4 (+) +

\_\_\_ Smoky Shadowdragon - *N. molestus* S2S3 - SR +

\_\_\_ Umber Shadowdragon - *N. obsoleta* S4 + + +

\_\_\_ Cinnamon Shadowdragon - *N. virginianensis* S2S3 - SR +

\_\_\_ Stygian Shadowdragon - *N. yamasikanensis* S1S2 - SR +

\_\_\_ Ski-tailed Emerald - *Somatochlora elongata* S2S3 - SR +

\_\_\_ Fine-lined Emerald - *S. filosa* S5 (+) +

\_\_\_ Coppery Emerald - *S. georgiana* S3S4 + + +

\_\_\_ Mocha Emerald - *S. linearis* S5 + + +

\_\_\_ Treetop Emerald - *S. provocans* S3S4 (+) +

\_\_\_ Clamp-tipped Emerald - *S. tenebrosa* S5 + + +

