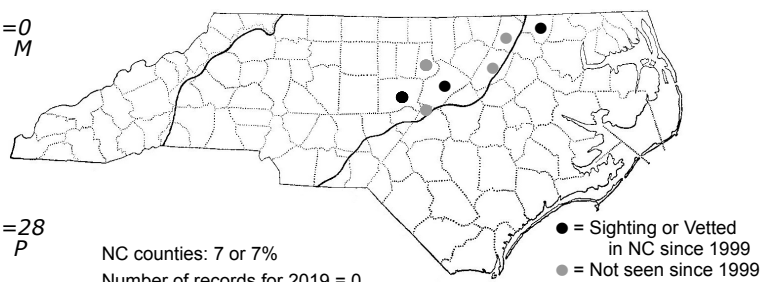
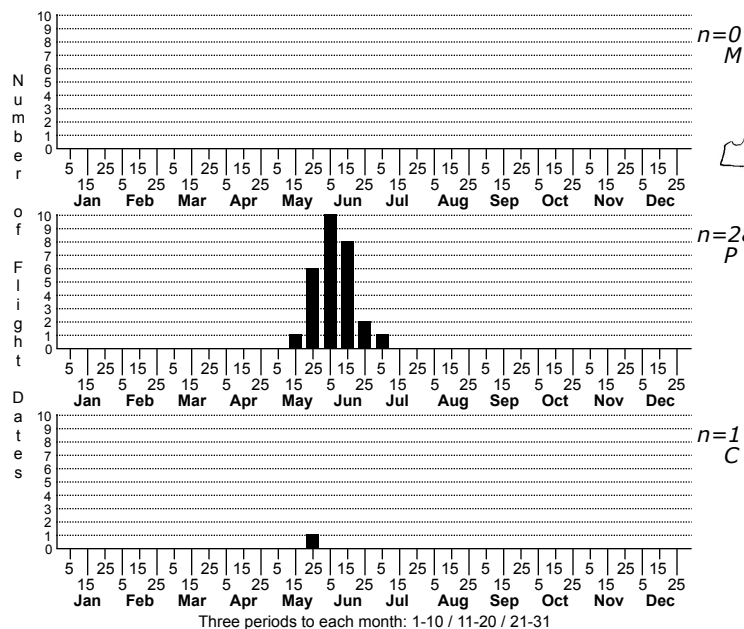


*Neurocordulia virginiensis* Cinnamon Shadowdragon



High counts of:  
 14 - Chatham - 1976-06-02  
 6 - Chatham - 2000-06-08  
 6 - Chatham - 1994-06-13

Earliest date: Harnett; P 1965-05-16  
 Latest date: Durham 1963-07-04

Status		Rank	
NC	US	NC	Global
W	-	S3?	G4

**DISTRIBUTION:** A puzzling range in NC, so far as known, based on its "wide" overall global range. Known at present only from a handful of counties in the northeastern Piedmont -- west only to Durham and Chatham counties, and east to the Fall Line separating the Piedmont from the Coastal Plain. As this is a mostly Southern species, ranging north to southern Virginia, the lack of certain Coastal Plain records is striking or puzzling. A new county record (in 2013), for Northampton County, lies along the Fall Line, at Weldon. This record was added to the Coastal Plain flight chart on the PDF page; however, this record could just as easily have been included in the Piedmont flight chart.

**ABUNDANCE:** Seemingly rare to uncommon (and perhaps fairly common at one or two sites) in NC, but as this and other species of shadowdragons are crepuscular, determining the range and abundance is very difficult. Oddly, Dunkle (2000) calls the species "common" in its range, but Beaton (2007) calls it "probably uncommon" in GA. The fact that at least 14 individuals were collected in a single day at a Chatham County site suggests that it might be numerous in a few places within its narrow range.

**FLIGHT:** The flight in NC occurs from mid-May to early July.

**HABITAT:** This is a riverine species, occurring at larger, clean ones with riffles.

**BEHAVIOR:** As with other shadowdragons, adults perch inconspicuously on twigs in the shade of forests during the day, emerging during the last hour of light to forage near rivers. Beaton (2007) mentions that the species is more likely than other shadowdragons to forage away from its breeding habitat (i.e., away from water).

**COMMENTS:** Based on records from throughout its range on the OdonataCentral website, it seems that there is a FL bias in Dunkle's (2000) considering the species to be "common". A "common" status seems to be true in FL and probably AL, but there are just two counties of occurrence shown on the website for each of GA, SC, TN, and VA. Thus, the seven counties known for NC is not out of line, and the Cinnamon Shadowdragon clearly is a rare to very uncommon dragonfly north of FL, and is much less numerous than the Umber Shadowdragon (which occurs with it in the NC Piedmont) north of FL. Despite there being fewer than 30 records with dates available, the NC Natural Heritage Program moved the species from the Rare List to the Watch List in 2012, as it wants more data on twilight survey efforts for shadowdragons before it considers any (other than the Stygian) to be truly rare.