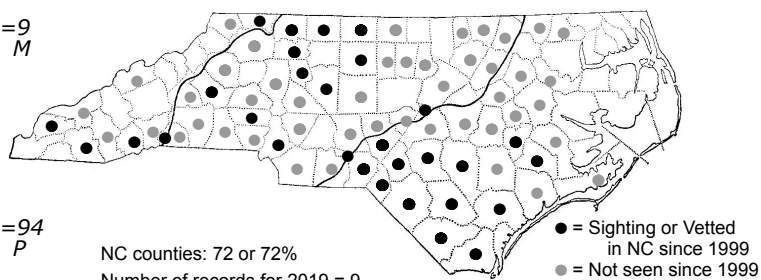
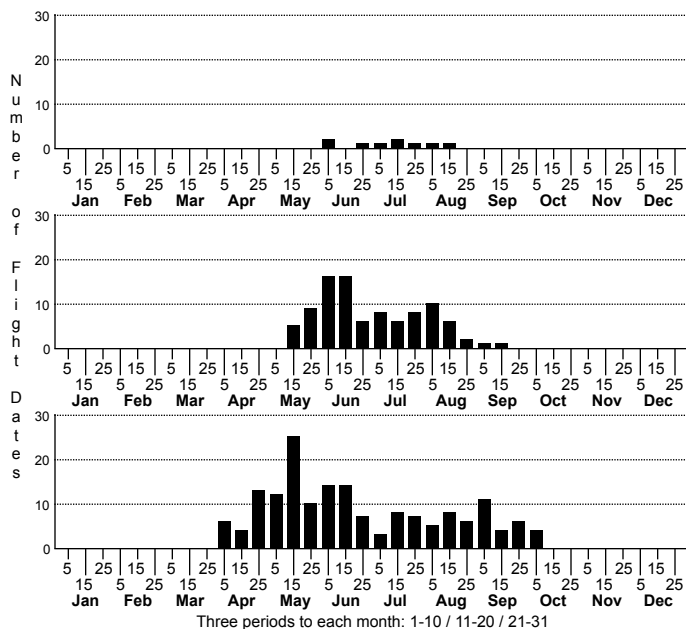


Calopteryx dimidiata Sparkling Jewelwing



NC counties: 72 or 72%
 Number of records for 2019 = 9
 Sight (not vetted) in 2019: Richmond; P

High counts of:
 450 - Columbus - 2017-05-17
 450 - Robeson - 2017-05-17
 350 - Bladen - 2016-05-27

Earliest date: Sampson 1990-04-01
 Latest date: Moore; C 1982-10-05

Status		Rank	
NC	US	NC	Global
-	-	S5	G5

DISTRIBUTION: Nearly statewide, but seemingly absent from the northeastern third of the Coastal Plain -- the "Pamlico Peninsula" and the counties north of Albemarle Sound. Of spotty occurrence in the mountains, but likely present in all counties there except perhaps ones lacking low elevations (e.g., Yancey, Mitchell, Avery, Watauga).

ABUNDANCE: Uncommon to locally fairly common throughout the Piedmont and most of the Coastal Plain, except for the northeastern third of the latter province, where rare to absent. Uncommon in the central Coastal Plain, but can be quite common in the southern portion of this province (with several daily counts of 350 or more individuals). Very rare in the mountains.

FLIGHT: Early April to early October in the Coastal Plain, but so far just from mid-May to mid-September in the Piedmont. Though there are at least nine counties with records for the mountains, we have flight data only from early June to mid-August.

HABITAT: Small streams, generally where fast-flowing and acidic, and not necessarily in forested areas.

COMMENTS: Range maps in Paulson (2011) and Beaton (2007) show all of NC within the range of the species. This may be generous and "broad-brush", as it appears to be truly absent in northeastern NC and maybe absent in some of the northern mountain counties. The species is surprisingly rare in the mountains, considering its relative numbers in the Piedmont. Also, despite the heavy amount of odonate field work in the northeastern Piedmont, where many biologists live, there are no recent records there!