<u>DRAFT</u> - A Guide to Dorsal Views of Northeastern *Polygonia* (Anglewing) Species - <u>DRAFT</u>

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Fall/Spring Brood Summer Brood







Question Mark (Polygonia interrogationis)

→ Dark rectangle toward apex of forewing

Forewing more strongly hooked than other anglewings; hindwing more "tailed"

Wings margins relatively smooth and silver-edged

Fall/Spring brood uniformly orange. Summer brood shows darkened hindwings and dark margins on forewings

Eastern Comma (Polygonia comma)

On mid forewing spot row, the inner spot (nearest body) stands alone, not paired with another spot (or paired with faint spot)

Wing margins tend to be less ragged than other commas

Three dark spots on hindwing; hard to see inner trailing spot in summer form

Fall/Spring brood more uniformly orange. Summer brood shows darkened hindwings

Gray Comma (Polygonia progne)

Tends to be "cleanest" and least-spotted of our commas

Mid forewing spot row clean and distinct, with outer spot sometimes smaller than other two

Fall/Spring brood (may be more common than summer brood) uniformly orange, with two dark spots on fairly clean hindwing.

Summer brood's darker hindwing encloses row of distinct submarginal yellow spots (like other commas except for Satyr Coma)





SEEKING IMAGE

Green Comma (Polygonia faunus)

Distinct jagged wing margins (but not always). Generally appears deeper orange with darker black markings compared to other commas (particularly Eastern Comma); Green Comma sometimes shows yellowish submarginal lunules on hindwing and forewing apex contrasting with orange ground color

> On mid forewing spot row, the inner spot (nearest body) is often paired with another distinct spot

Often shows three dark spots on hindwing. Thick darkened hindwing border encloses row of distinct orange or yellow spots (like other commas except for Satyr Comma)

Hoary Comma (Polygonia gracilis)

You're on your own, pal; so try to get a ventral view. Dorsally, probably appears more like a dirty Gray Comma than anything else

On mid forewing spot row, the inner spot most often not paired with another spot (or paired with faint spot)

Often shows two dark spots on hindwing, lacking the third central spot of Green and Satyr commas. Thick darkened hindwing border encloses row of distinct orange spots (like other commas except for Satyr Comma)

SEEKING IMAGE



SEEKING IMAGE FROM THE NORTHEAST

Satyr Comma (Polygonia satyrus) - extremely rare in East

Resembles a jagged-edged fall/spring Eastern Comma with a distinctly paired inner forewing spot. Tends to have *more golden* ground color

Shows third hindwing spot and generally paler hindwing borders (like a fall/spring Eastern Comma) and therefore lacking distinct enclosed row of orange spots

References:

- Butterflies of the East Coast by Rick Cech and Guy Tudor
- The Butterflies of North America by James A. Scott Butterflies of North America by Jim P. Brock and Kenn Kaufman
- A Swift Guide to Butterflies of North America by Jeffrey Glassberg
- Butterflies through Binoculars (The East) by Jeffrey Glassberg
- Review and advice: Sue Cloutier, Danel Bogar

Notes and Caveats:

Few of these marks, particularly the dark wing spots, are diagnostic. Use a combination of marks. In the Northeast, Question Mark and Eastern Comma are the most common anglewings; Gray Comma and Green Comma are next, probably varying from year to year in relative abundance. Hoary Comma and Satyr Comma are rare in the Northeast.

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