

Part II: Columbia County Butterfly Course

Conrad Vispo Hawthorne Valley Farmscape Ecology Program

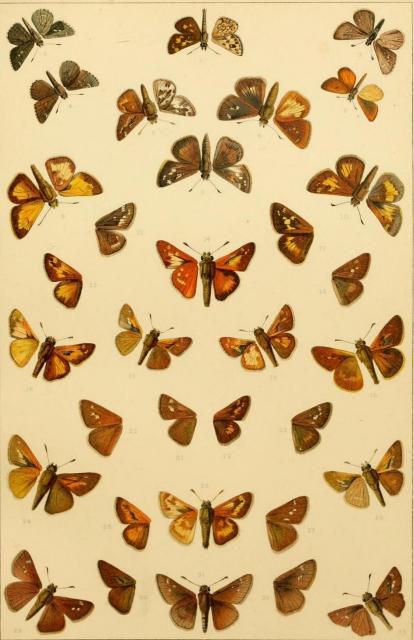
> Unless otherwise noted photos are by the Farmscape Ecology Program



"PAPILLIONIDAE" SWALLOWTAILS

"HESPERIDAE" - SKIPPERS

Butterflies of New England.



Butterflies of New England



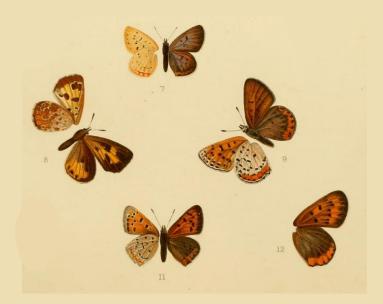
T Sinclair & Son, life. Falls.

"PIERIDAE" WHITES & SULPHURS



Plate 6





"LYCAENIDAE" AZURES, HAIRSTREAKS, COPPERS



Butterflies of New England







Plate 4.

FRITILLARIES

Butterflies of New England.









Butterflies of New England.



CHECKERSPOTS & CRESCENTS











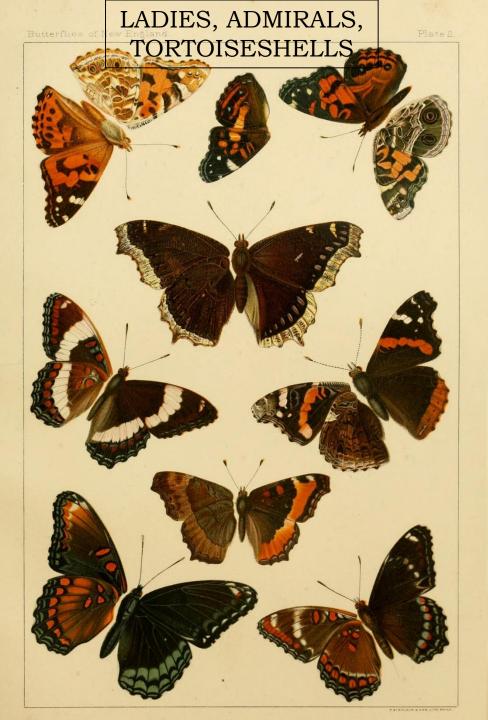








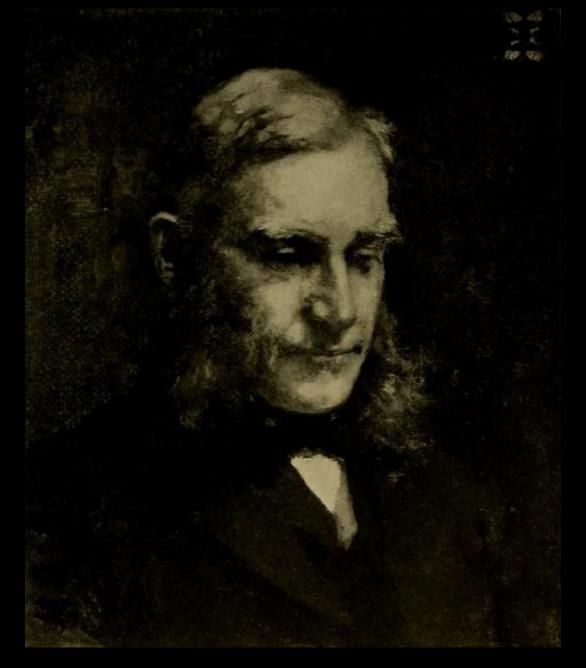












Illustrations from Samuel Scudders' Butterflies of Eastern United States and Canada.

Ye Olde Field

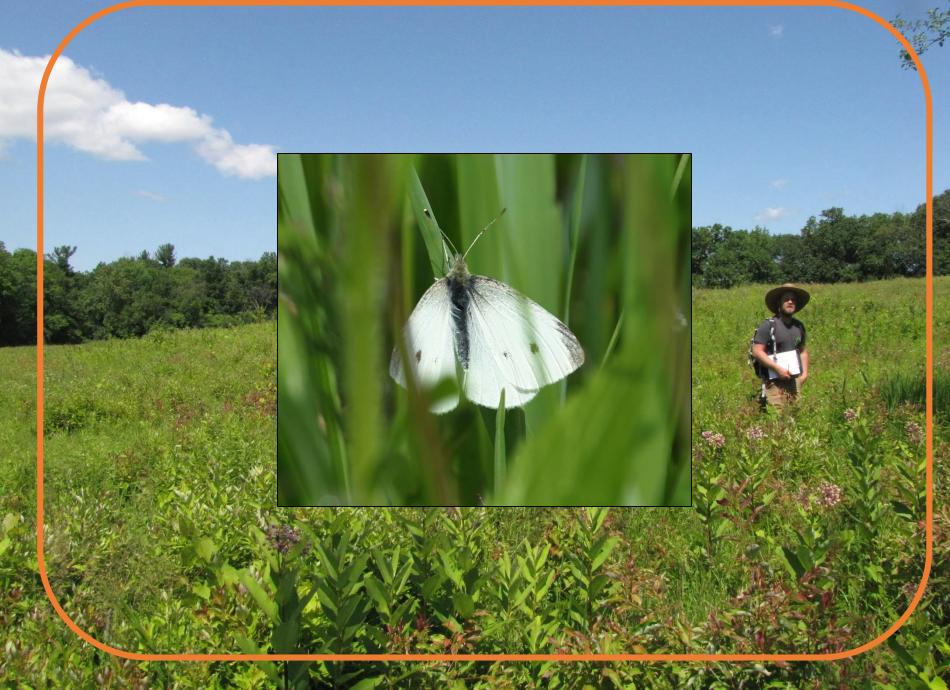
Papillionidae: EASTERN TIGER SWALLOWTAIL



Pieridae: CLOUDED SULPHUR



Pieridae: CABBAGE WHITE



Nymphalidae: COMMON RINGLET



Nymphalidae: COMMON RINGLET



Butterfly Mystery #1:

Why has Common Ringlet expanded south over the last few decades?

Nymphalidae: GREAT SPANGLED FRITILLARY



Nymphalidae: MEADOW FRITILLARY



Nymphalidae: MEADOW FRITILLARY

Butterfly Mystery #2:

Once common throughout Massachusetts, it's now absent from the eastern half, why?

Nymphalidae: PEARL CRESCENT



Nymphalidae: MONARCH



Lycaenidae: EASTERN TAILED BLUE



Hesperidae: SILVER-SPOTTED SKIPPER



Hesperidae: DUN SKIPPER



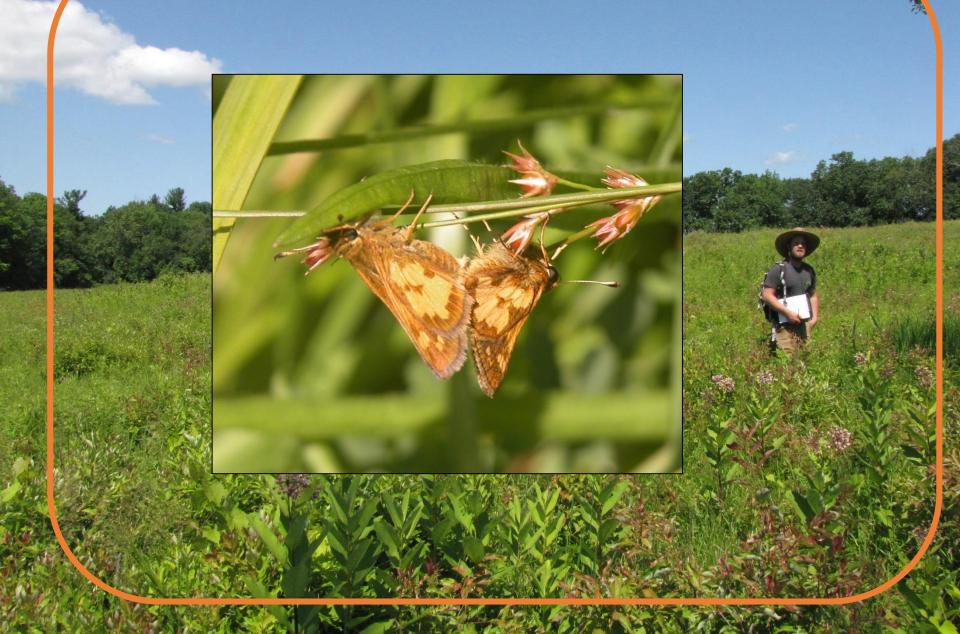
Hesperidae: DUN SKIPPER



One of the "Three Witches"



Hesperidae: PECK'S SKIPPER



Hesperidae: PECK'S SKIPPER



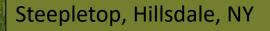
Butterfly Mystery #3:

How many generations?

Hesperidae: TAWNY-EDGED SKIPPER









Nymphalidae: APHRODITE FRITILLARY



Steepletop, Hillsdale, NY

Nymphalidae: APHRODITE FRITILLARY



Butterfly Mystery #4:

Was this our most common 19th century Fritillary?



Nymphalidae: GREY COMMA



Lycaenidae: CORAL HAIRSTREAK



Steepletop, Hillsdale, NY

Nymphalidae: GREEN COMMA





Nymphalidae: REGAL FRITILLARY



Nymphalidae: REGAL FRITILLARY

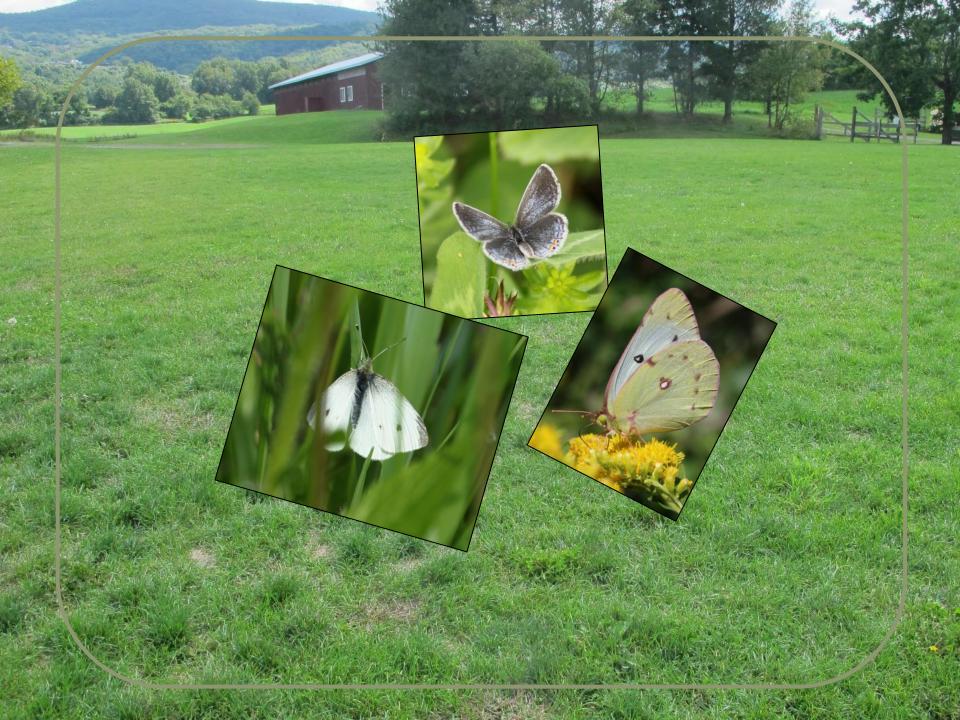


Butterfly Mystery #5:

Why the sudden disappearance of the Regal Fritillary from the East?











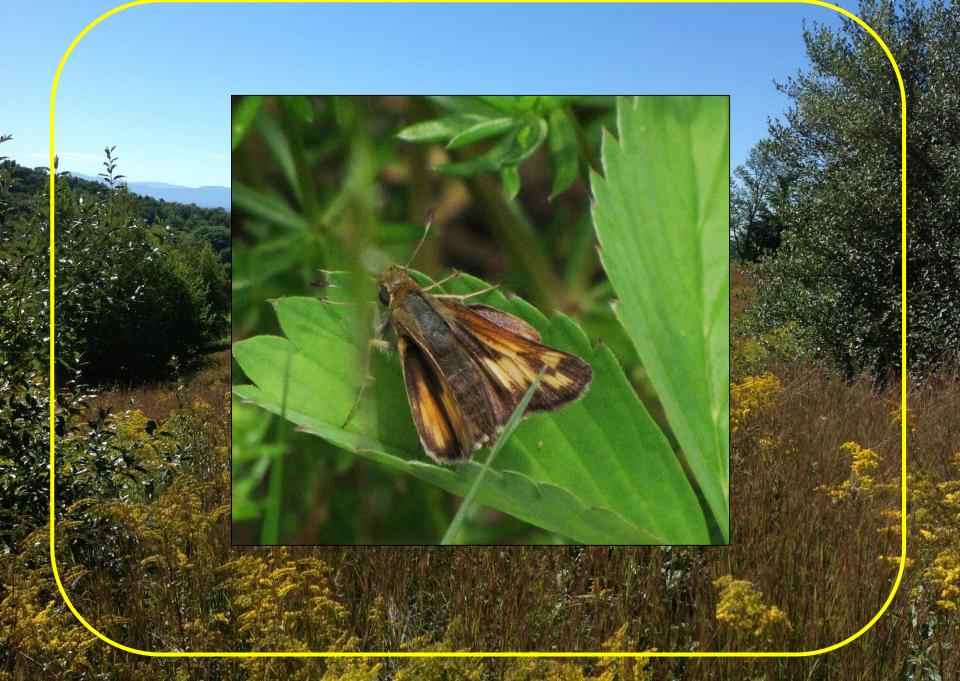
Papillionidae: PIPEVINE SWALLOWTAIL

Photo by Margaret Roach



DRY MEADOW

Hesperidae: INDIAN SKIPPER



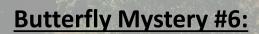
Hesperidae: COBWEB SKIPPER



Hesperidae: LEONARD'S SKIPPER

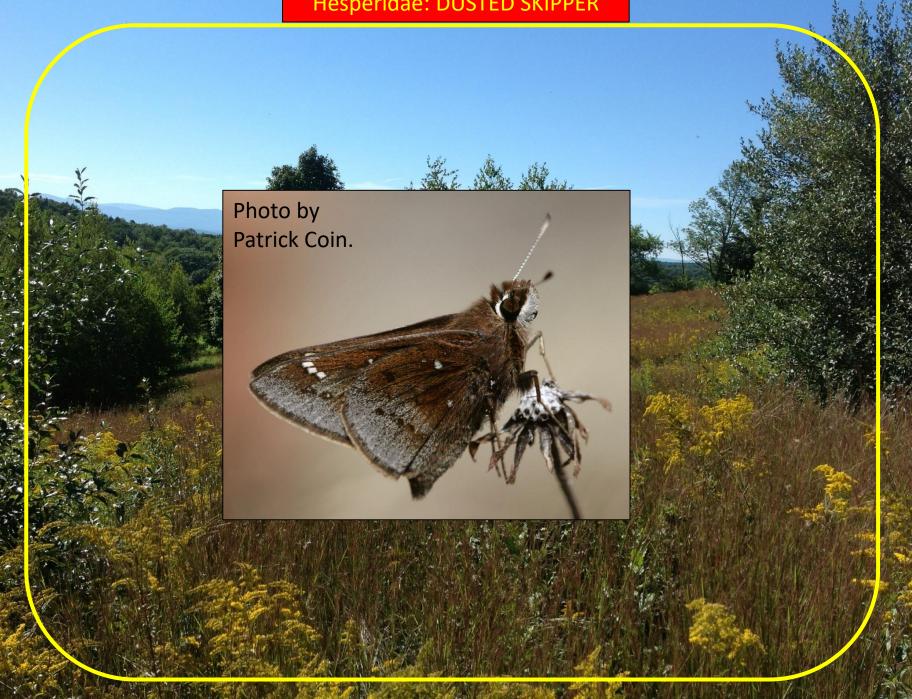


Hesperidae: LEONARD'S SKIPPER



Why is Leonard's Skipper so closely tied to Little Bluestem?

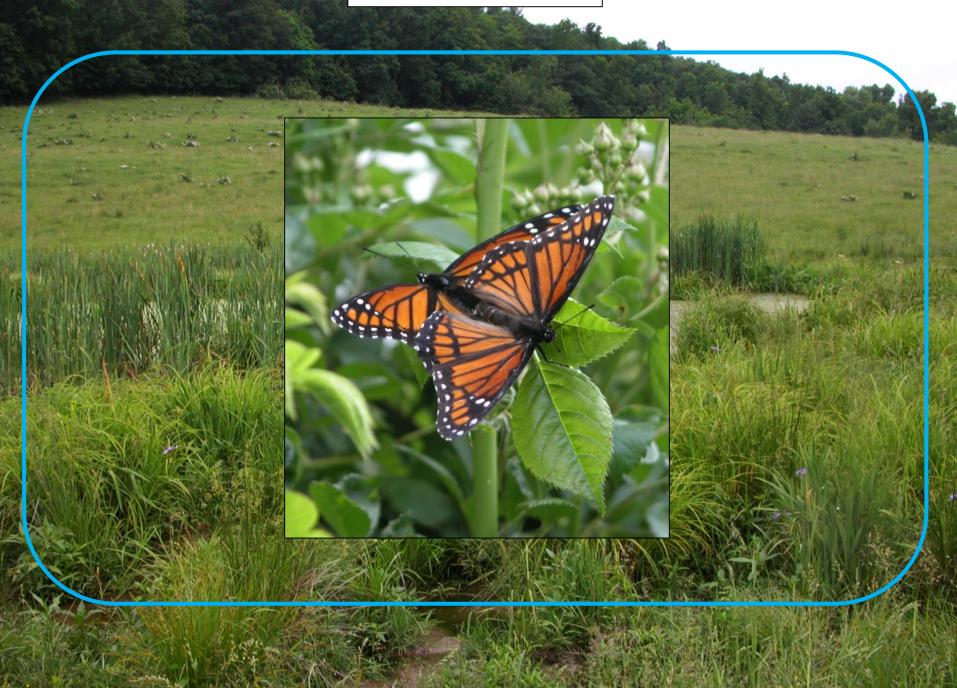
Hesperidae: DUSTED SKIPPER



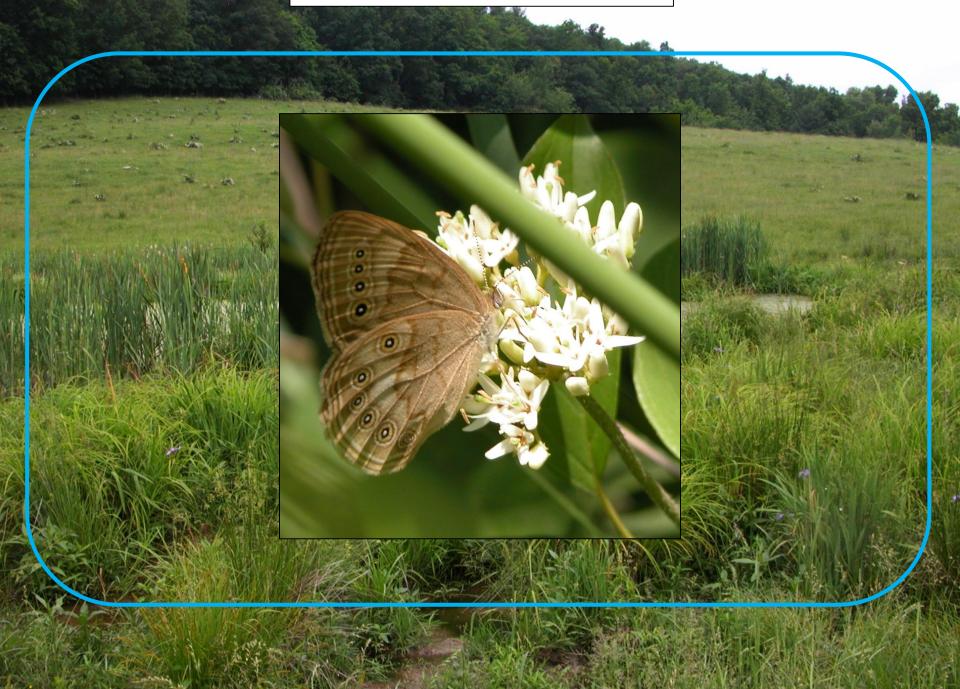
WET MEADOWS



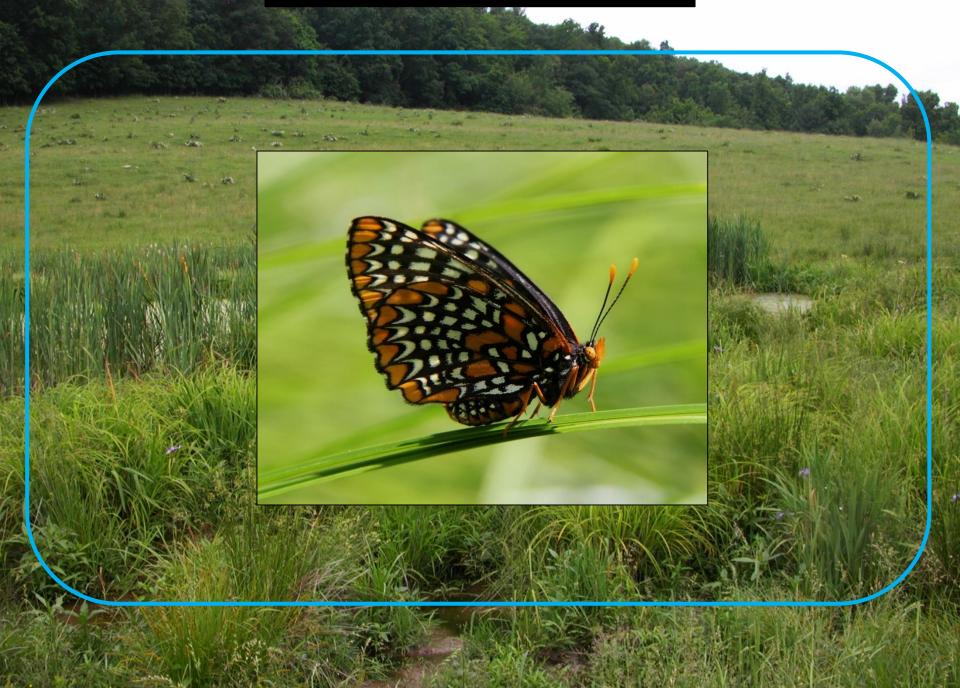
Nymphalidae: VICEROY



Nymphalidae: APPALACHIAN BROWN



Nymphalidae: BALTIMORE CHECKERSPOT



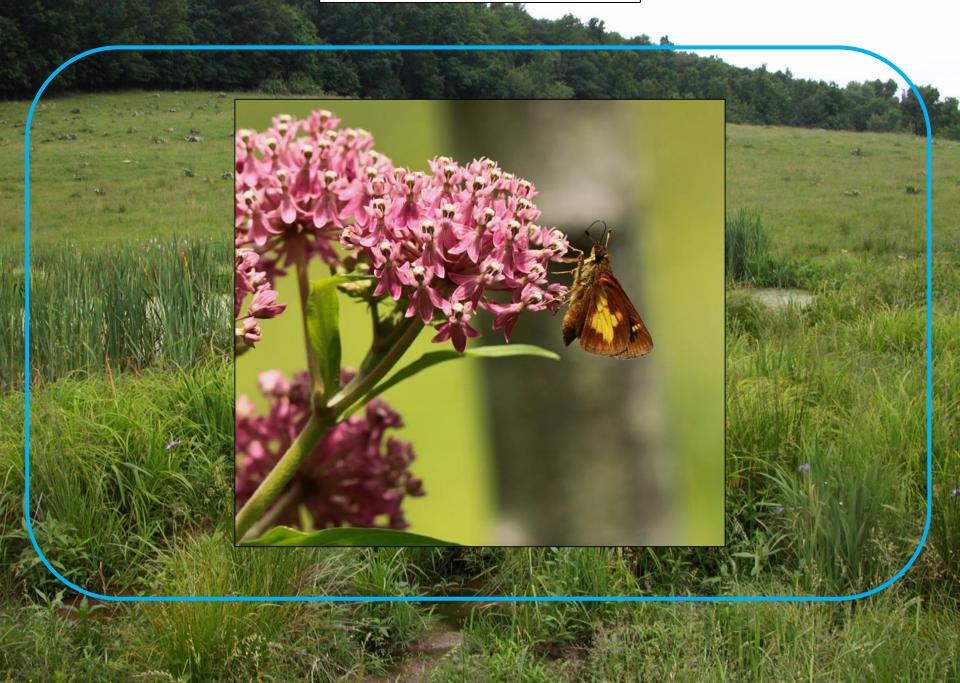
Nymphalidae: BALTIMORE CHECKERSPOT



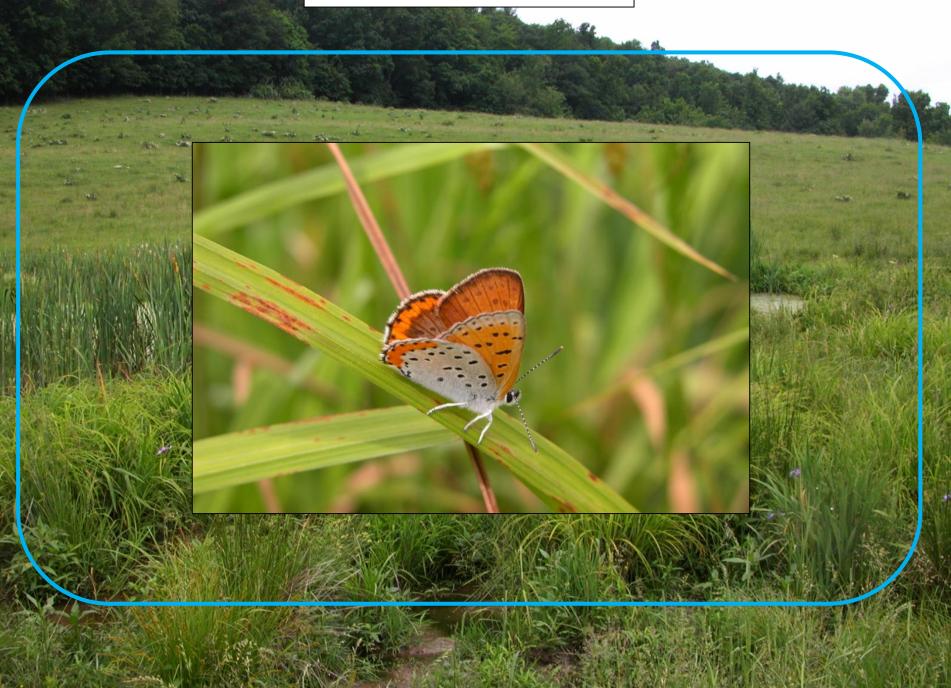
Butterfly Mystery #7:

Can Baltimore Checkerspot survive on Common Plantain?

Hesperidae: MULBERRY WING



Lycaenidae: BRONZE COPPER

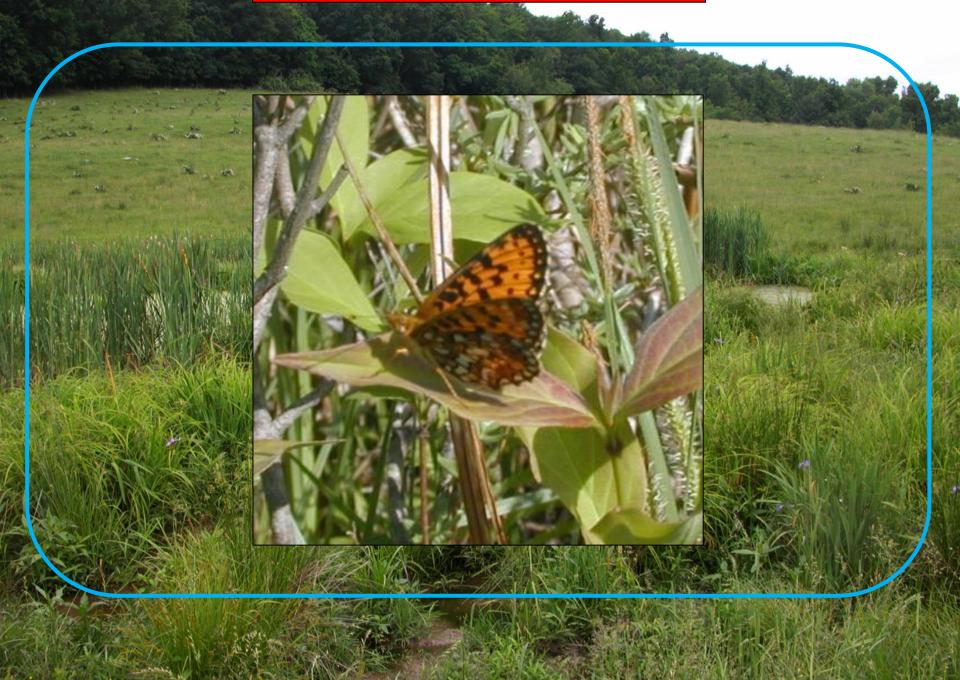


Lycaenidae: BRONZE COPPER

Butterfly Mystery #8:

Bronze Copper populations are spotty – how spotty can they get before disappearing?

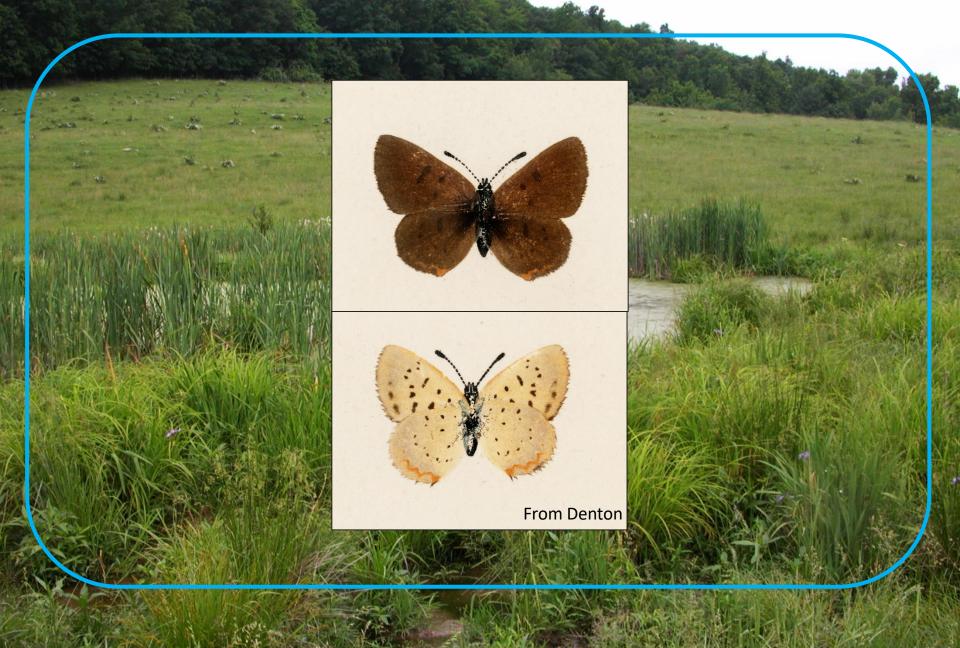
Nymphalidae: SILVER-BORDERED FRITILLARY



Hesperidae: TWO-SPOTTED SKIPPER



Lycaenidae: BOG COPPER



FOREST



Nymphalidae: RED-SPOTTED PURPLE



Nymphalidae: RED-SPOTTED PURPLE

Butterfly Mystery #8a:

Why does the Limenitis arthemis come in two forms?





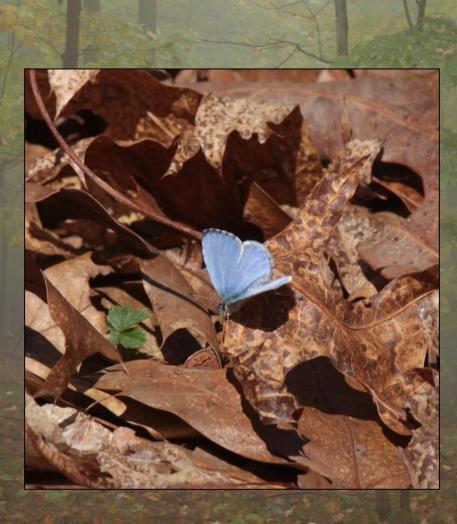
Nymphalidae: MOURNING CLOAK



Lycaenidae: BANDED HAIRSTREAK



Lycaenidae: SPRING/SUMMER AZURE



Lycaenidae: SPRING/SUMMER AZURE



Butterfly Mystery #8b:

Dagnabit, how many species of Azures are there?

Pieridae: WEST VIRGINIA WHITE



Pieridae: MUSTARD WHITE



Pieridae: MUSTARD WHITE

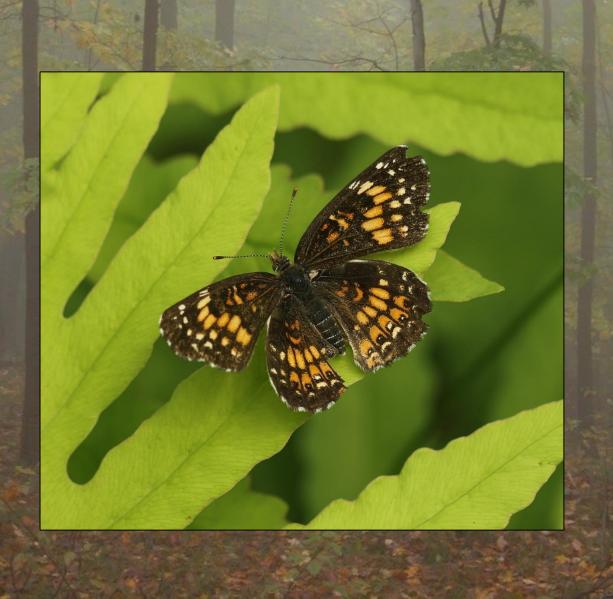
Photo by dfaulder

Butterfly Mystery #9:

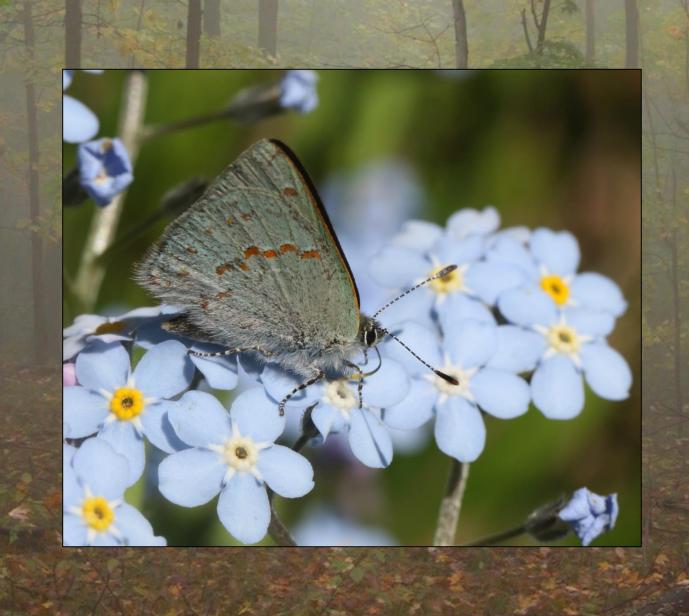
Mustard White was flirting with pest status in the 1800s, now it is very rare, why? Competition with Cabbage White? Garlic Mustard?

Nymphalidae: HARRIS' CHECKERSPOT

Tool St

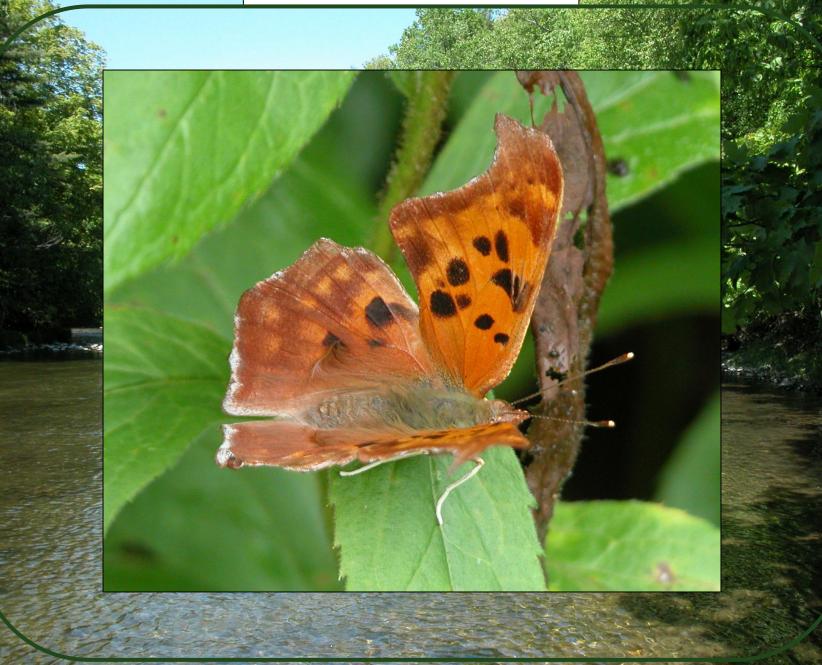


Lycaenidae: EARLY HAIRSTREAK



FLOODPLAIN FOREST

Nymphalidae: QUESTION MARK



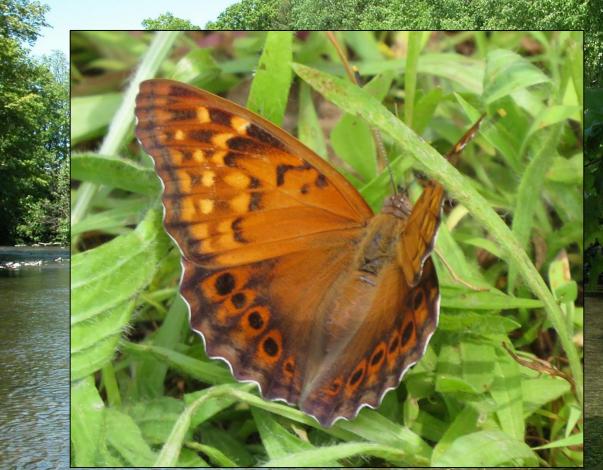
Nymphalidae: AMERICAN SNOUT



Nymphalidae: HACKBERRY EMPEROR

\$ 33

Nymphalidae: TAWNY EMPEROR



RED CEDAR WOODLAND

Lycaenidae: JUNIPER HAIRSTREAK





WOODED WETLAND



Lycaenidae: WANDERER





Lycaenidae: WANDERER (aka Harvester)

Butterfly Mystery #10:

Is the Wanderer our only carnivorous butterfly?

DRY WOODS & EDGES

Hesperidae: HOARY EDGE

Photo by Andy Reago & Chrissy McClarren

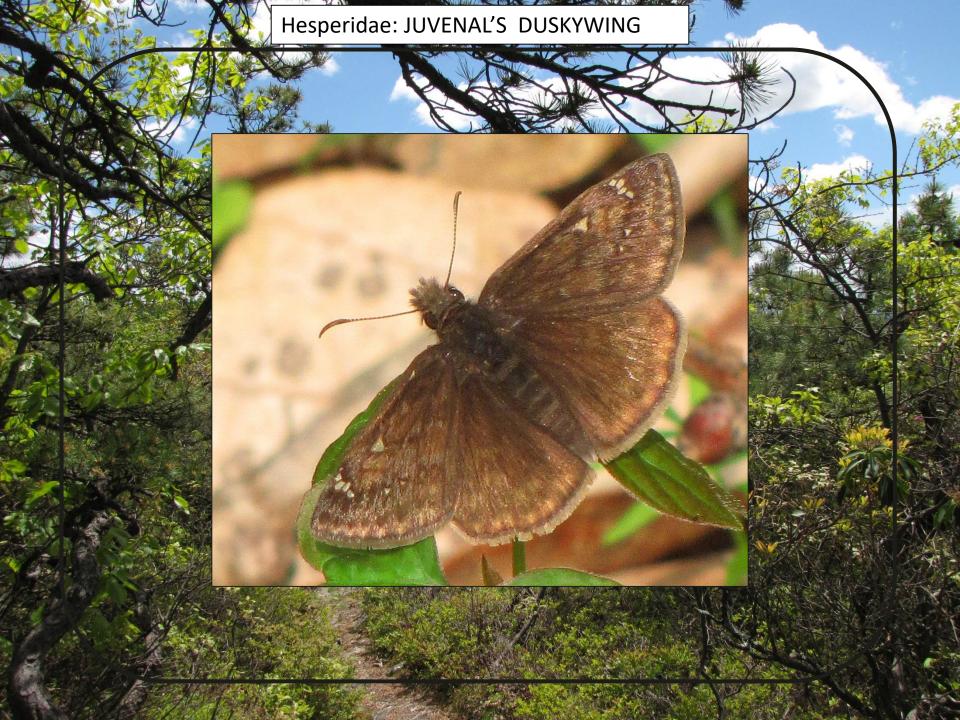
Hesperidae: COMMON ROADSIDE SKIPPER

Photo by Andrew Carlson

HEATH BARRENS

AV





Hesperidae: DUSKYWINGS

Butterfly Mystery #11:

Have many of our Duskywings disappeared or are identification difficulties masking some patterns?







Photo by Don Henise

AV





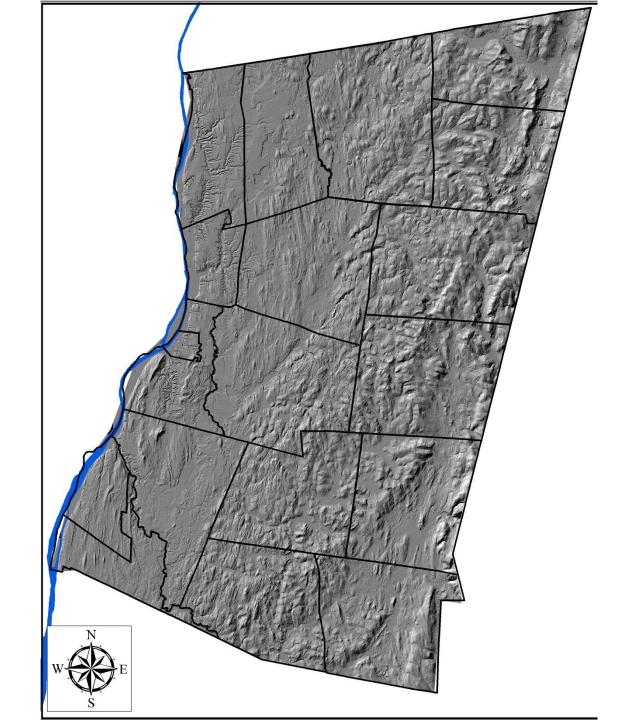
EVERYWHERE!

Getting information on even the common species is important...

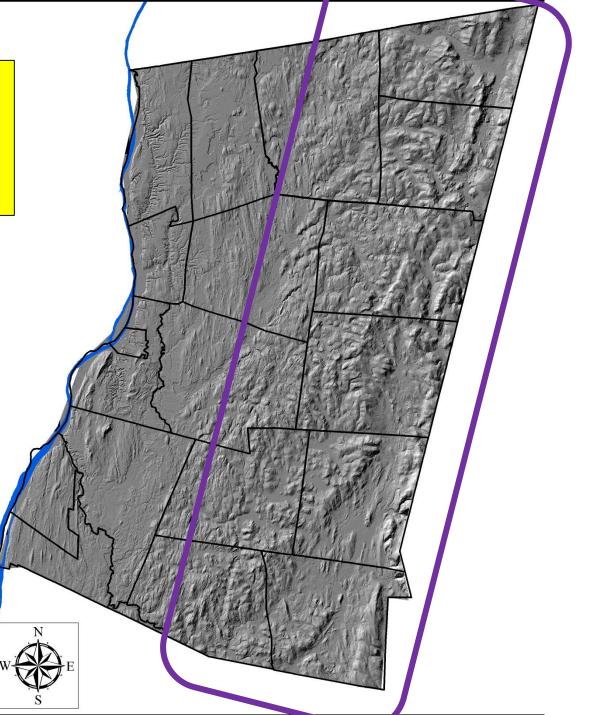
They might not always stay common!

Plus, get to know the familiar ones first.

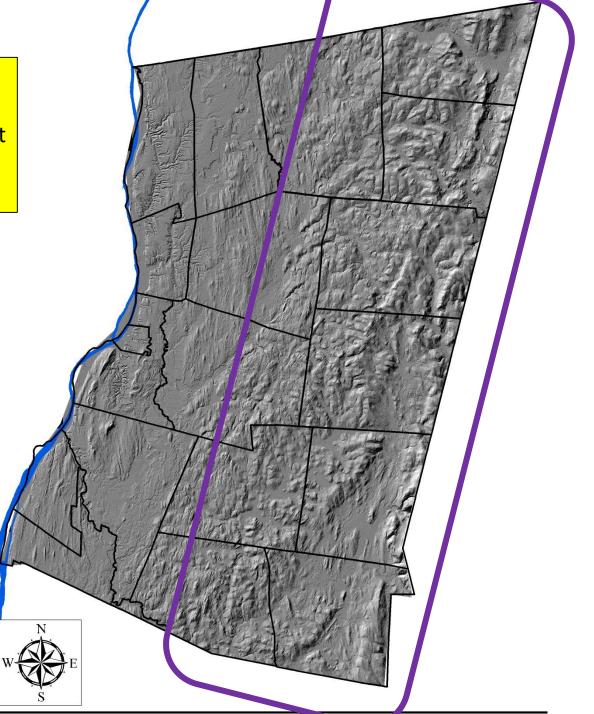


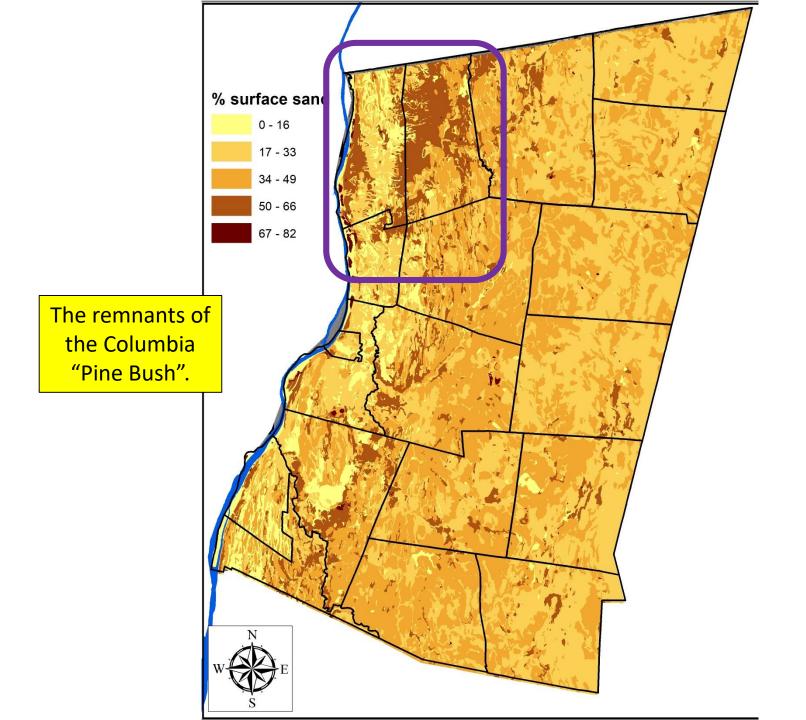


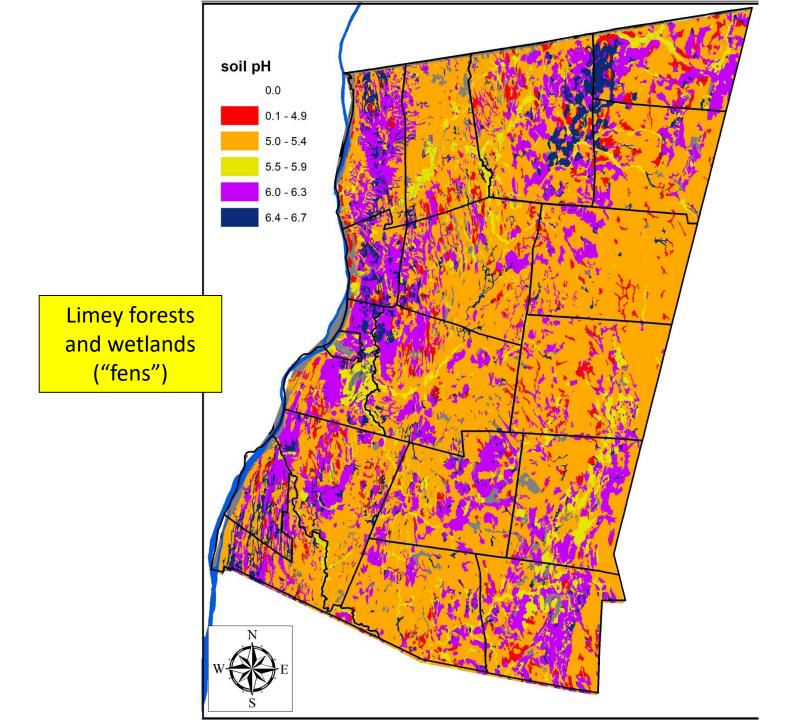
The Hill Country supports many of those important high & dry former sheep pastures.

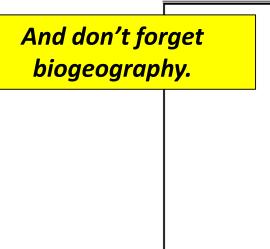


And the open woodlands of the High Taconics host their own flora and fauna.



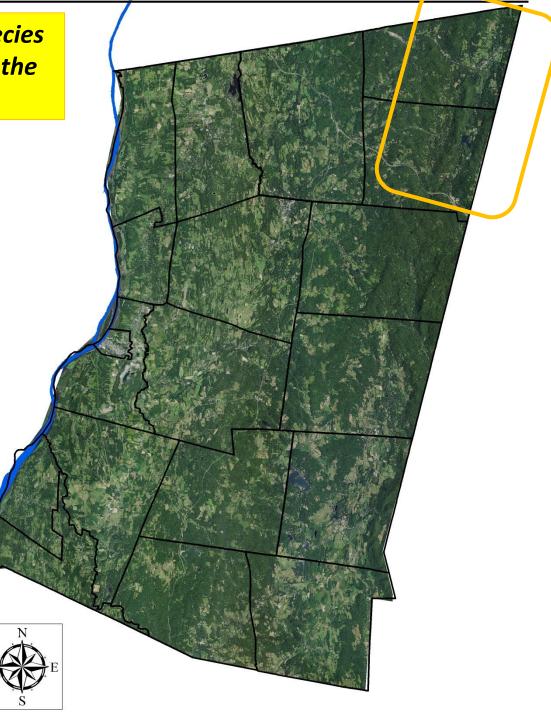








More "boreal" species might hold out in the NE Hills.



And expect southern arrivals first in the SW.



& Season Matters

RARITIES TO

LOOK FOR	May	June	July	Aug	Sept
Bog Copper					
Common Roadside Skipper					
Dreamy Duskywing					
Dusted Skipper					
Early Hairstreak					
Falcate Orangetip					
Green Comma					
Harris' Checkerspot					
Hoary Edge					
Hoary Elfin					
Horace's Duskywing					
Mottled Duskywing					
Mustard White					
Northern Metalmark					
Oak Hairstreak					
Silver-boardered Fritillary					
Tawny Emperor					
Two-spotted Skipper					
Sleepy Duskywing					

RARE SPECIES TO HUNT FOR

Butterfly	Food Plant	Season	Habitat	Other Tips
Bog Copper	cranberry	Lt June - It. July	cranberry bogs	unlikely
Common Roadside Skipper	Kentucky bluegrass, oats, bent grass	Lt May - It. June	sandy edges	likely
Dreamy Duskywing	birch, aspen	May-June	openings in various forests	likely
Dusted Skipper	Little Bluestem	Lt. May-early June	dry meadows/savannahs	likely
Early Hairstreak	Beechnuts	May	High Beech Forests	Taconics if anywhere
Falcate Orangetip	various native cresses	May	rocky, dry woods	southern species
Green Comma	willow, birch, alder	July - Oct	openings in northern forests	northern species
Harris' Checkerspot	flat-toped aster	June	wet open woodlands/meadows	higher?
Hoary Edge	tick trefoils, bush clover	June-July	wood edges where sandy	nw sands?
Hoary Elfin	bearberry, trailing arbutus	April-May	pine-oak barrens	nw sand plain
Horace's Duskywing	oaks	July-Aug	late -flying Juvenal's	likely
Mottled Duskywing	NJ tea	June-Aug	upland words with host plant; balds	unlikely; where food plant
Mustard White	rock cresses, peppergrass, toothwort	April-June	northern forests	northern species
Northern Metalmark	round leaved ragwort	Early July	limestone bluffs	unlikely; southern spp
Oak Hairstreak	white oaks	June -July	open oaky woods	southern species
Silver-boardered Fritillary	violets, willows?	Early June to early July & It July thru	open wetlands, wet meadows	fens?
Tawny Emperor	Hackbery	July	flodpalins with hackberry	sw/w floodplains
Two-spotted Skipper	sedges	June-July	sedgy wetlands in sandy areas	wet nw sands? nectars blue flag iris
Sleepy Duskywing	scrub oaks	Мау	dry oak barrens-ish	nw sands?

But more important than the small print, have fun!