

Foraging Strategies of New Hampshire Forest Songbirds

*Approximately 80 species of birds breed
in New Hampshire's forests.
Where do they find their food?*

Where do the birds that breed in New Hampshire's forests find their food?

Location of food	# of species	Examples
Leaf surfaces	36	Warblers

Feeders on Leaf Surfaces

(~36 species)



Steve Maslowski

Warblers
Tanagers
Vireos
Flycatchers



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Location of food	# of species	Examples
Leaf surfaces	36	Warblers
Ground	15	Thrushes

Ground Foragers (~15 species)



Donna Dewhurst

Grouse
Thrushes
Wrens
Sparrows



Steven D. Faccio



Steve Maslowski

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Location of food	# of species	Examples
Leaf surfaces	36	Warblers
Ground	15	Thrushes
Bark	10	Woodpeckers

Bark Foragers (~10 species)



USFWS

Woodpeckers
Nuthatches



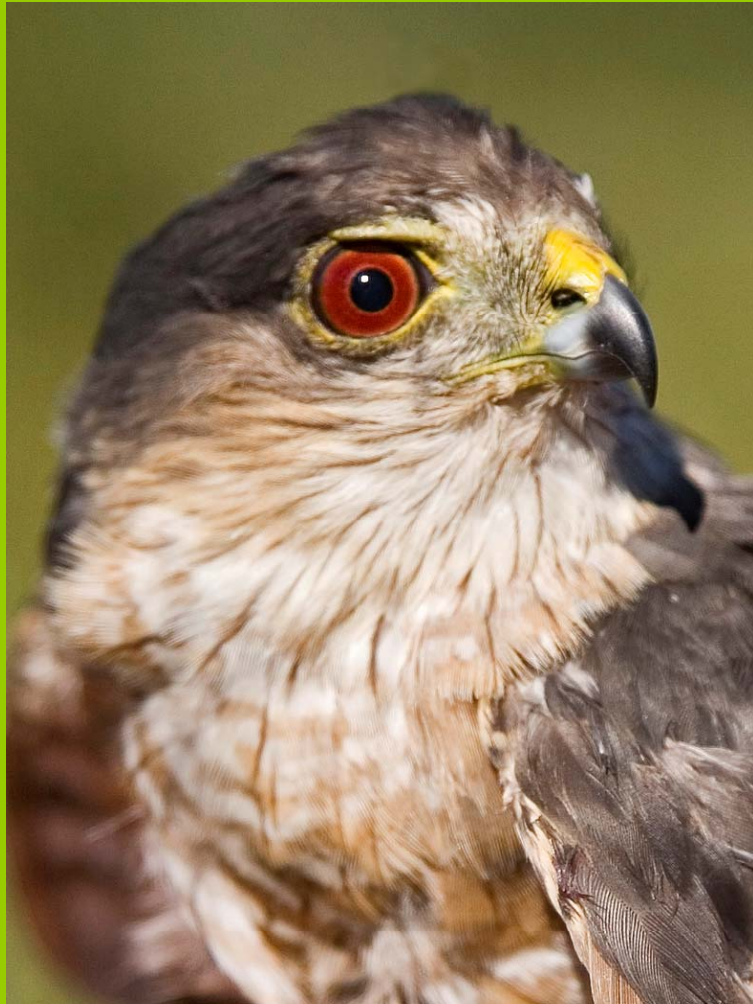
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Location of food	# of species	Examples
Leaf surfaces	36	Warblers
Ground	15	Thrushes
Bark	10	Woodpeckers
Predators	9	Hawks, owls

Predators of Vertebrates

(~9 species)



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Gary M. Stoltz

Hawks
Owls

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Location of food	# of species	Examples
Leaf surfaces	36	Warblers
Ground	15	Thrushes
Bark	10	Woodpeckers
Predators	9	Hawks, owls
Other	12	Hummingbird

Other (~12 species)



Larry Master

Ruby-throated Hummingbird
Crossbills



Dave Menke

How many of these birds migrate to the Neotropics?

Location of food	# of songbirds that breed in NH	# that migrate to Neotropics
Leaf surfaces	36	
Ground	15	
Bark	10	
Predators	9	
Other	12	

How many of these birds migrate to the Neotropics?

Location of food	# of songbirds that breed in NH	# that migrate to Neotropics
Leaf surfaces	36	28
Ground	15	
Bark	10	
Predators	9	
Other	12	

How many of these birds migrate to the Neotropics?

Location of food	# of songbirds that breed in NH	# that migrate to Neotropics
Leaf surfaces	36	28
Ground	15	7
Bark	10	
Predators	9	
Other	12	

How many of these birds migrate to the Neotropics?

Location of food	# of songbirds that breed in NH	# that migrate to Neotropics
Leaf surfaces	36	28
Ground	15	7
Bark	10	1
Predators	9	
Other	12	

How many of these birds migrate to the Neotropics?

Location of food	# of songbirds that breed in NH	# that migrate to Neotropics
Leaf surfaces	36	28
Ground	15	7
Bark	10	1
Predators	9	4
Other	12	

How many of these birds migrate to the Neotropics?

Location of food	# of songbirds that breed in NH	# that migrate to Neotropics
Leaf surfaces	36	28
Ground	15	7
Bark	10	1
Predators	9	4
Other	12	2

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So...why do Neotropical migratory birds migrate?

(Hint: where do most of the birds that migrate to the Neotropics find their food?)

