Common name	Scientific name	Federal	Heritage	GRank	SRank
Aves (13 species).					
American Kestrel	Falco sparverius	Ν	Ν	G5	S5
Black-necked Stilt	Himantopus mexicanus	PS	Ν	G5	Ν
Black-throated Green	Dendroica virens	Ν	Ν	G5	S 4
Warbler					
Chuck-will's-widow	Caprimulgus carolinens	sis N	Ν	G5	S 4
Greater Scaup	Aythya marila	Ν	Ν	G5	S2
Lesser Scaup	Aythya affinis	Ν	Ν	G5	S 4
Ruffed Grouse	Bonasa umbellus	Ν	Ν	G5	S 4
Sandhill Crane	Grus canadensis	PS	Ν	G5	Ν
Sora	Porzana carolina	Ν	Ν	G5	Ν
Spotted Sandpiper	Actitis macularius	Ν	E	G5	S 1
Tundra Swan	Cygnus columbianus	Ν	Ν	G5	Ν
Virginia Rail	Rallus limicola	Ν	Ν	G5	S 1
Whip-poor-will	Caprimulgus vociferus	Ν	Ν	G5	S 5

Kentucky's Species of Greatest Conservation Need and their statuses.

Literature cited

Download all 13 new 2013 Bird Statewide Maps (27 MB)

CLASS Aves

American Kestrel

Falco sparverius

Federal	Heritage	GRank	SRank	GRank	SRank
Status	Status			(Simplified)	(Simplified)
Ν	Ν	G5	S5B,S	G5	S 5
			5N		

G-Trend Decreasing

G-Trend Breeding Bird Surveys show a significant decrease of 0.7% survey-wide for the

Comment period 1966-2007 with a relative abundance of 0.86 individuals per route (Sauer et al. 2008). An analysis of migration counts of American Kestrels suggest

declines in the northeastern, midwestern and western regions of the continent (Farmer and Smith 2009). Declines have also been documented in monitored populations of kestrels using nest boxes. Related analyses which take into account the timing of disease and predator population increases suggest that causes for decline may be on wintering/migration grounds (Smallwood et al 2009).

S-Trend Unknown

S-Trend Breeding Bird Surveys in Kentucky show a nonsignificant decrease of 0.6% for

Comment the period 1966-2007 with a relative abundance of 1.63 individuals per route (Sauer et al. 2008).

Habitat / American Kestrels are usually found in semi-open and open habitats. They are

Life most abundant in rural farmland where they hunt over fields and pastures

History (Palmer-Ball 1996). However, they are also found in native grasslands and altered habitats such as urban areas, city parks, golf courses, industrial parks, and reclaimed surface mines.

Key Habitat condition throughout Kentucky is FAIR for this species.

Habitat

No key habitat to identify: the species will use appropriate habitat statewide.

- **Guilds** grassland/agricultural, urban/suburban.
- Statewide <u>American Kestrel.pdf</u>

Map

Conservation Issues

Biological/ consumptive uses

- 5D Competition from introduced/invasive or native species. Competition for cavities with starlings and other species.
- 5K Lack of suitable habitat for spawning, nesting, or breeding. Suitable nest site availability- lack of natural cavities.
- 5Q Declining prey base. Pesticide use, over-grazed pasture and row-cropping.

- 3A Row-crop agriculture (conversion to, annual reuse of fields, etc). Results in lower prey populations in open habitat.
- 3F Urban/residential development
- 3N Removal of dead trees
- 3S Fire suppression/fire regime management

CLASS Aves

Black-neck	ed Stilt				Himanto	opus mexicanus			
	Federal	Heritage	GRank	SRank	GRank	SRank			
	Status	Status			(Simplified)	(Simplified)			
	PS	Ν	G5	SAB	G5	Ν			
G-Trend	Increasir	ng							
G-Trend	Breeding	g Bird Survey	vs show a sig	gnificant inc	rease of 3.04% si	urvey-wide for the			
Comment	period 1	966-2007 wit	h a relative	abundance o	of 1.91 individual	s per route (Sauer			
	et al. 2008).								
S-Trend	Stable	Stable							
S-Trend	Black-ne	Black-necked stilts first nested in Kentucky in 1993. Since that time, they have							
Comment	nested sp	nested sporadically in far western Kentucky when proper habitat conditions are							
	present (Palmer-Ball	2003)						
Habitat /	Black-ne	ecked stilts ge	enerally nest	in flooded	agricultural fields	s along the			
Life	Mississij	ppi and Ohio	Rivers in w	estern Kentu	icky. The sporad	lic nature of this			
History personal	flooding means that habitat may not be available in all years (Palmer-Ball								
	commun	ication).							
Key	Habitat o	condition thro	oughout Ken	tucky is PO	OR for this speci	es.			
Habitat									
KY.	No key ł	abitat to ider	ntify: the spe	ecies will us	e appropriate hab	vitat in western			

Guilds standing water.

Statewide <u>Black-neckedStilt.pdf</u>

Map

Conservation Issues

Aquatic habitat degradation

- 2F Riparian zone removal (Agriculture/development)
- 2H Wetland loss/drainage/alteration

Biological/ consumptive uses

5B Predation from native species

Siltation and increased turbidity

1B Agriculture. plowing of nesting areas

CLASS Aves

Black-throated Green Warbler

Dendroica virens

Federal	Heritage	GRank	SRank	GRank	SRank
Status	Status			(Simplified)	(Simplified)
Ν	Ν	G5	S4B	G5	S4

G-Trend Stable

G-Trend The Breeding Bird Survey shows a significant increase of 1.2% survey-wide

Comment (USA and Canada) for the period 1980-2007. Partners in Flight estimates a population of 9,600,000 individuals (see Rosenberg 2004 for assumptions).

S-Trend Unknown

S-Trend Only a limited number of Breeding Bird Survey routes exist in the southeast part

Comment of the state; thus, the species is detected only on 5 routes. Analysis of these routes show a nonsignificant increase of 5.4% per year for the period 1966-2007 with an average of 0.95 individuals per route (Sauer et al. 2008). Partners in Flight estimates a population of 24,000 individuals (see Rosenberg 2004 for assumptions).

Habitat / Black-throated Green Warblers are typically found in association with hemlock

Life stands, although they are found occasionally in deciduous or mixed pine-

History hardwood forests. They are most numerous in fairly mature forest, but will also use regenerating second-growth forests and forest edges (Palmer-Ball).

Key Habitat condition in eastern Kentucky range is FAIR.

Habitat

The species will use appropriate habitat in the Cumberland Plateau and Mountains.

- **Guilds** Cumberland highland forest, upland forest.
- Statewide <u>Black_throated_Green_Warbler.pdf</u>

Map

Conservation Issues

Biological/ consumptive uses

- 5B Predation from native species
- 5M Brood parasitism (Brown-headed Cowbird)
- 5Q Declining prey base. From insecticides

Miscellaneous Mortality Factors

6G Stochastic events (droughts, unusual weather, pine beetle damage, flooding etc.). Potential loss of habitat due to hemlock woolly adelgid infestation.

- 3G Shoreline development. Riparian corridor removal/development
- 3H Habitat loss outside of Kentucky
- 3K Surface mining. Loss of forest habitat from mining
- 3M Timber harvest
- 3R Habitat and/or Population Fragmentation. Forest fragmentation

CLASS Aves

Chuck-will's-widow

Caprimulgus carolinensis

Federal	Heritage	GRank	SRank	GRank	SRank
Status	Status			(Simplified)	(Simplified)
Ν	Ν	G5	S4S5B	G5	S4

G-Trend Unknown

G-Trend Breeding Bird Surveys show a significant decrease of 1.7% survey-wide for the
Comment period 1966-2007 with a relative abundance of 1.35 individuals per route (Sauer et al. 2008). Partners in Flight estimates a population of 15,000,000 individuals (see Rosenberg 2004 for assumptions).

S-Trend Unknown

S-Trend Breeding Bird Surveys in Kentucky show a significant decrease of 2.6% for theComment period 1980-2007 (Sauer et al. 2008). Partners in Flight estimates a population of

310,400 individuals (see Rosenberg 2004 for assumptions).

Habitat / Chuck-will's-widows are found in semi-open and open habitats with scattered

Life tracts of forest. They are usually absent in extensively forested areas. Found

History more commonly in drier forests with an open mid- and understory, especially in oak and hickory forests with scattered cedars or introduced pines (Palmer-Ball 1996).

Key Habitat conditions in Kentucky are generally FAIR

Habitat

Key Habitat Locations (and their condition):

1. Will use appropriate habitat mostly west of the Cumberland Plateau.

Guilds grassland/agricultural, savanna/ shrub-scrub, upland forest.

Statewide Chuck_Wills_Widow.pdf

Map

Conservation Issues

Biological/ consumptive uses

5Q Declining prey base. Pesticide use

Miscellaneous Mortality Factors

6A Traffic/road kills

Terrestrial habitat degradation

- 3F Urban/residential development
- 3P Pollution/toxicity (e.g., heavy metals, pesticides, herbicides, acid rain).

Pesticides

Greater Sca	up					Aythya marila			
	Federal	Heritage	GRank	SRank	GRank	SRank			
	Status	Status			(Simplified)	(Simplified)			
	Ν	Ν	G5	S2S3N	G5	S2			
G-Trend	Decreasi	ing							
G-Trend	Populati	ons of both s	caup species	have seen c	lramatic declines	s in recent years.			
Comment	Breeding	g numbers of	scaup have	declined 359	% from 6.4 milli	on in 1980 to 4.2			
declines	million i	n 2009 (U.S,	Fish and W	ildlife Servi	ce 2009). Reaso	ons for these			
	are still l	largely not ur	nderstood.						
S-Trend	Decreasi	Decreasing							
S-Trend	Little da	Little data exists on wintering populations of scaup. Mid-winter waterfowl							
Comment unpublished	survey d	ata indicates	a 85% decli	ne in the 10-	-year average (U	SFWS			
	data)								
Habitat /	Scaup ar	e generally o	pen water b	irds being fo	ound in large rese	ervoirs and Rivers			
Life	statewide	e.							
History									
Key	Habitat o	condition thro	oughout Ken	tucky are G	OOD for this spe	ecies.			
Habitat									
	No key ł	nabitat to ider	ntify: the spe	ecies will us	e appropriate hal	bitat statewide.			
Guilds	Large riv	vers in curren	it, Large rive	ers in slackw	vater.				

Statewide <u>GreaterScaup.pdf</u>

Map

Conservation Issues

Aquatic habitat degradation

- 2E Stream channelization/ditching
- 2H Wetland loss/drainage/alteration

Biological/ consumptive uses

5L Parasitism and disease

- 3G Shoreline development
- 3P Pollution/toxicity (e.g., heavy metals, pesticides, herbicides, acid rain)

Lesser Scau	p					Aythya affinis			
	Federal	Heritage	GRank	SRank	GRank	SRank			
	Status	Status			(Simplified)	(Simplified)			
	Ν	Ν	G5	S4N	G5	S 4			
G-Trend	Decreasi	ng							
G-Trend	Populati	ons of both s	caup species	have seen o	lramatic declines	in recent years.			
Comment	Breeding	g numbers of	scaup have	declined 359	% from 6.4 millio	on in 1980 to 4.2			
declines	million i	n 2009 (U.S,	Fish and W	ildlife Servi	ce 2009). Reaso	ns for these			
	are still l	argely not ur	nderstood.						
S-Trend	Decreasi	Decreasing							
S-Trend	Little dat	Little data exists on wintering populations of scaup. Mid-winter waterfowl							
Comment unpublished	survey d	ata indicates	a 85% decli	ne in the 10	-year average (U	SFWS			
	data)								
Habitat /	Scaup ar	e generally o	pen water bi	irds being fo	ound in large rese	ervoirs and Rivers			
Life	statewide	e.							
History									
Key	Habitat o	condition thro	oughout Ken	tucky is GC	OOD for this spec	vies.			
Habitat									
	No key ł	nabitat to ider	ntify: the spe	ecies will us	e appropriate hat	pitat statewide.			
Guilds	Large riv	vers in curren	it, Large rive	ers in slackw	vater.				

Statewide <u>LesserScaup.pdf</u>

Map

Conservation Issues

Aquatic habitat degradation

- 2E Stream channelization/ditching
- 2H Wetland loss/drainage/alteration

Biological/ consumptive uses

5L Parasitism and disease

- 3G Shoreline development
- 3P Pollution/toxicity (e.g., heavy metals, pesticides, herbicides, acid rain)

Ruffed Grouse

Bonasa umbellus

Federal	Heritage	GRank	SRank	GRank	SRank
Status	Status			(Simplified)	(Simplified)
Ν	Ν	G5	S 4	G5	S4

G-Trend Stable

G-Trend "The ruffed grouse is a popular gamebird distributed from Alaska across central
and southern Canada and the northern United States to the Atlantic Coast, south into the central Rocky Mountains and Appalachian Mountains. Its distribution coincides closely with that of aspen, except in the Appalachians. Throughout most of the range of the ruffed grouse, aspen is considered a key component of ruffed grouse diet and cover. Limited research conducted in the Appalachian region suggested ruffed grouse ecology and thus potential management differ greatly between the core of the species range (i.e., the Great Lakes and southern Canada region) and the Appalachian Mountains due at least in part to the

absence

of aspen. Breeding bird survey data from the U.S. Fish and Wildlife Service show a significant decline in ruffed grouse indices over the last 35 years in both the Ridge and Valley and Alleghany Plateau regions of the Appalachians. These declines coincide with those of other early-successional bird species, and may be in part a result of changes in forest age over the last 35 years." Devers et a. 2008

- S-Trend Grouse populations in the Appalachian region have been declining for several
- **Comment** decades. Habitat loss is a major cause in these declines, largely due to limited timber harvests and long timber rotations resulting in vast acreages of mature timber.

The Appalachian Cooperative Grouse Research Project (ACGRP) was a multistate cooperative effort initiated in 1996 to investigate the apparent decline of ruffed grouse and improve management throughout the central and southern Appalachian region (i.e., parts of Ohio, Pennsylvania, Rhode Island, Kentucky, West Virginia, Virginia, and North Carolina, USA) (Devers et al. 2008).

- Habitat / Grouse populations in the Appalachian region have been declining for several
- Life decades. Habitat loss is a major cause in these declines, largely due to limited
- **History** timber harvests and long timber rotations resulting in vast acreages of mature timber (Whitaker 2003).

The Appalachian Cooperative Grouse Research Project (ACGRP) was a multistate cooperative effort initiated in 1996 to investigate the apparent decline of ruffed grouse and improve management throughout the central and southern Appalachian region (i.e., parts of Ohio, Pennsylvania, Rhode Island, Kentucky, West Virginia, Virginia, and North Carolina, USA) (Devers et al. 2007).

Key Habitat condition is generally POOR for Kentucky.

Habitat

Guilds Cumberland highland forest, savanna/ shrub-scrub, upland forest.

Statewide <u>Ruffed_Grouse.pdf</u>

Conservation Issues

Biological/ consumptive uses

5B Predation from native species

Terrestrial habitat degradation

- 3C Lack of newly abandoned farmland
- 3M Timber harvest. Lack of timber harvest
- 30 Reforestation. Lack of early-successional forest
- 3R Habitat and/or Population Fragmentation
- 3S Fire suppression/fire regime management. Limited use of controlled burning as a management tool
- 3T Suppression of disturbance regimes. Limited timber harvests = even-aged forests
- 3V Long-term loss of hard mast trees (American Chestnut, poor oak

Map

Sandhill Cr	ane				G	Frus canadensis				
	Federal	Heritage	GRank	SRank	GRank	SRank				
	Status	Status			(Simplified)	(Simplified)				
	PS	Ν	G5	SZN	G5	Ν				
G-Trend	Increasir	ng								
G-Trend	The east	ern populatio	on of sandhil	l cranes, wh	ich migrates thro	ugh and winters				
Comment	in Kentu	icky, has incr	eased signifi	icantly since	e USFWS Fall su	rveys began in				
	1979. S	urvey numbe	rs increased	from 14,385	5 in 1979 to 59,8	76 in 2009				
	(USFWS	(USFWS unpublished data).								
S-Trend	Increasir	Increasing								
S-Trend	Winterin	Wintering/transient numbers are increasing. Winter counts reached their highest								
Comment	levels in	Feb 2010 wi	th almost 19	,000 birds i	n two groups in t	he state (KDFWR				
	unpublis	hed data)								
Habitat / night	Winterin	ng/migrating	sandhill crar	nes roost in s	shallow water (<2	20cm deep) at				
Life feeding	and feed	and feed in waste grain fields during the day. Corn stubble is the preferred								
History	site (Ta	cha et al. 199	4)							
Key	Habitat o	condition thro	oughout Ken	tucky is FA	IR for this specie	es.				
Habitat										
	No key l	nabitat to ider	ntify: the spe	ecies will us	e appropriate hab	bitat in the central				
	portion of	of the state								

Guilds Emergent and shrub-dominated wetlands, grassland/agricultural.

Statewide <u>SandhillCrane.pdf</u>

Map

Conservation Issues

Aquatic habitat degradation

- 2F Riparian zone removal (Agriculture/development)
- 2H Wetland loss/drainage/alteration

Miscellaneous Mortality Factors

- 6C Powerlines
- 6D Human disturbance (spelunking, destruction/disturbance of nest sites)

Siltation and increased turbidity

1B Agriculture. impacts on shallow roost ponds

Terrestrial habitat degradation

3D Switch to cleaner agricultural practices

Sora					Pe	orzana carolina
	Federal	Heritage	GRank	SRank	GRank	SRank
	Status	Status			(Simplified)	(Simplified)
	Ν	Ν	G5	SZN	G5	Ν
G-Trend	Stable					
G-Trend	Breeding	g Bird Survey	vs show a no	onsignificant	increase of 0.9%	survey-wide for
Comment	the perio	od 1966-2007	with a relat	ive abundan	ce of 1.04 indivi	duals per route
	(Sauer et	t al. 2008).				
S-Trend	Unknow	n				
S-Trend	No data	exists for mig	grating Sora	Rails.		
Comment						
Habitat /	Sora rail	s inhabit stan	ds of emerg	ent vegetati	on within freshw	ater wetlands.
Life	Shallow	water, emerg	gent cover, a	nd substrate	with high invert	ebrate abundance
History High	are the n	nost importar	it componen	ts of rail hal	bitat (Melvin and	Gibbs 1994).
	intersper	sion of water	to and eme	rgent vegeta	tion are importar	nt. Sora rails avoid
	emergen	t stands with	high stem d	ensities and	seem to select la	rger size wetlands
	(Melvin	and Gibbs 19	994).			
Key	Habitat o	condition thro	oughout Ken	tucky is FA	IR for this specie	es.
Habitat						
	No key ł	nabitat to ider	ntify: the spe	ecies will us	e appropriate hab	itat statewide.

Guilds Emergent and shrub-dominated wetlands.

Statewide <u>Sora.pdf</u>

Мар

Conservation Issues

Aquatic habitat degradation

2H Wetland loss/drainage/alteration

Terrestrial habitat degradation

3Q Invasive/exotic plants (including fescue). Phragmities invasion

CLASS Aves

Spotted Sandpiper

Actitis macularius

Federal	Heritage	GRank	SRank	GRank	SRank
Status	Status			(Simplified)	(Simplified)
Ν	E	G5	S1B	G5	S 1

G-Trend Decreasing

G-Trend Breeding Bird Surveys show a significant decrease of 0.81% survey-wide for the

Comment period 1966-2007 with a relative abundance of 0.48 individuals per route (Sauer et al. 2008).

S-Trend	l Un	known
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S-Trend The spotted sandpiper is a rare and sporadic breeding bird in Kentucky (Palmer-

Comment Ball 1996) but no survey data exists for the species in the state.

Habitat / Spotted sandpipers utilize a wide variety of wetland habitats statewide from

Life stream and river shorelines, to shores of ponds and large reservoirs, to managed

History shallow water impoundments (Palmer-Ball 1996). For nesting, spotted sandpipers generally nest in disturbance free areas of thick vegetation close to exposed shorelines, but may nest some distance from water in pastures (Palmer-Ball 1996).

Key Habitat condition throughout Kentucky is FAIR for this species.

Habitat

No key habitat to identify: the species will use appropriate habitat statewide.

Guilds Emergent and shrub-dominated wetlands, Lowland Streams in slackwater.

Statewide <u>SpottedSandpiper.pdf</u>

Мар

Conservation Issues

Aquatic habitat degradation

2E Stream channelization/ditching

Biological/ consumptive uses

5F Low population densities

Siltation and increased turbidity

1B Agriculture

Tundra Sw	an				Cygn	us columbianus			
	Federal	Heritage	GRank	SRank	GRank	SRank			
	Status	Status			(Simplified)	(Simplified)			
	Ν	Ν	G5	SZN	G5	Ν			
G-Trend	Increasi	Increasing							
G-Trend	Breeding	Breeding populations have increased during the period 1980 -2009. Populatins							
Comment	have increased 25% from 164,500 in 1980 to 205,400 in 2009 (U.S, Fish and								
	Wildlife	Wildlife Service 2009).							
S-Trend	Stable	Stable							
S-Trend	Little ev	Little evidence exists for abundance of wintering populations in Kentucky.							
Comment	Christma	Christmas Bird Count data has recorded Tundra Swans in 5 years since 1980.							
Habitat /	This is a	This is a wintering bird that uses shallow water wetlands with submerged							
Life	vegetatio	vegetation (poor) as well as larger lakes, rivers, and ponds (good).							
History									
Key	Habitat condition ranges from POOR (shallow water wetlands) to GOOD (large								
Habitat	lakes, rivers, and ponds).								
available	No key l	No key habitat to identify; the species will use appropriate habitat where							
	statewid	statewide.							
Guilds	Emergent and shrub-dominated wetlands, grassland/agricultural, standing water.								

Statewide <u>TundraSwan.pdf</u>

Map

Conservation Issues

Aquatic habitat degradation

- 2E Stream channelization/ditching
- 2H Wetland loss/drainage/alteration . Draining of shallow water wetlands

Biological/ consumptive uses

5D Competition from introduced/invasive or native species. introduced mute swans and resident Canada geese

- 3A Row-crop agriculture (conversion to, annual reuse of fields, etc). of shallow water wetlands
- 3G Shoreline development
- 3H Habitat loss outside of Kentucky

Virginia Ra	il					Rallus limicola		
	Federal	Heritage	GRank	SRank	GRank	SRank		
	Status	Status			(Simplified)	(Simplified)		
	Ν	Ν	G5	S1B?,	G5	S 1		
				SZN				
G-Trend	Stable							
G-Trend	Little data exists for population trends in the secretive marsh birds. The best							
Comment Bird	piece of information for Virginia rails is the Breeding Bird Survey . Breeding							
	Surveys show an increase of 2.16% survey-wide for the period 1967-2007							
	a relative abundance of 0.04 individuals per route (Sauer et al. 2008). Unfortunately, the BBS is not designed to detect marsh birds so data is la							
S-Trend	Unknow	n						
S-Trend	No data	exists.						
Comment								
Habitat /	Virginia rails inhabit stands of emergent vegetation within freshwater wetlands.							
Life	Shallow water, emergent cover, and substrate with high invertebrate abundance							
History	are the most important components of Virginia rail habitat (Conway and							
	Eddleman 1994). Moderate water to cover ratios are important. Virginia rails							
	avoid emergent stands with high stem densities and seem to select larger size							
	wetlands (Conway and Eddleman 1994).							

Key Habitat conditions in Kentucky are likely FAIR.

Habitat

No key habitat to identify; the species will use appropriate habitat range wide.

Guilds Emergent and shrub-dominated wetlands.

Statewide <u>VirginiaRail.pdf</u>

Мар

Conservation Issues

Aquatic habitat degradation

2H Wetland loss/drainage/alteration . Wetland Losses

Terrestrial habitat degradation

3Q Invasive/exotic plants (including fescue). Phragmities monocultures in

wetlands

Whip-poor-will

Caprimulgus vociferus

Federal	Heritage	GRank	SRank	GRank	SRank
Status	Status			(Simplified)	(Simplified)
Ν	Ν	G5	S5B	G5	S 5

G-Trend Unknown

G-Trend Breeding Bird Surveys show a significant decrease of 2.1% survey-wide for theComment period 1966-2007 with a relative abundance of 0.25 individuals per route (Sauer

et al. 2008). Partners in Flight estimates a population of 2,100,000 individuals (see Rosenberg 2004 for assumptions).

S-Trend Unknown

S-Trend Breeding Bird Surveys in Kentucky show a nonsignificant decrease of 2.3% for

Comment the period 1980-2007 (Sauer et al. 2008). Breeding Bird Surveys in Kentucky Partners in Flight estimates a population of 86,200 individuals (see Rosenberg 2004 for assumptions).

Habitat / Whip-poor-wills are found in areas with greater forest cover than Chuck-will's-

Life widows and in a greater range of habitats, from mesic slopes to subxeric, upland

History forests. They are found more commonly in disturbed forests and forest edges where they can forage in openings for insect prey (Palmer-ball 1996).

Key Habitat conditions in Kentucky are likely FAIR.

Habitat

No key habitat to identify; the species will use appropriate habitat range wide.

Guilds grassland/agricultural, savanna/ shrub-scrub, upland forest.

Statewide <u>Whip_poor_will.pdf</u>

Мар

Conservation Issues

Biological/ consumptive uses

5Q Declining prey base. Pesticide Use

Miscellaneous Mortality Factors

6A Traffic/road kills

Terrestrial habitat degradation

3A Row-crop agriculture (conversion to, annual reuse of fields, etc).

Conversion of forests to agriculture

- 3F Urban/residential development
- 3M Timber harvest
- 3P Pollution/toxicity (e.g., heavy metals, pesticides, herbicides, acid rain).

Pesticides

3R Habitat and/or Population Fragmentation

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