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Do you want to rehab RVS?

An introduction to rehabilitating RVS



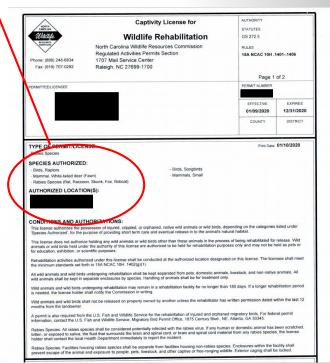
USFWS

An Introduction to Rehabilitating RVS

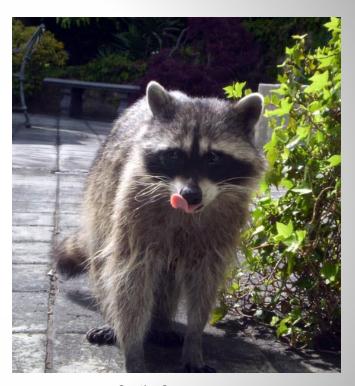
Topics covered:

- Understanding rabies
- Obtaining the permit
- Protecting yourself and others
- Meeting species needs
- Dealing with the public
- Pros and Cons on becoming an RVS rehabilitator
- Rehabilitator responsibilities





- Virus
- All warm-blooded animals susceptible
- Fatal in wildlife
- Transmitted when saliva introduced into a wound or cut



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- Virus moves to spinal chord and brain
- Symptoms include behavioral changes and signs of neurological disorder
- Testing requires brain tissue



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Variant strains

 adapted to certain
 species



Blanton et al. 2010

 RVS in NC – bat, raccoon, skunk, fox, bobcat

Fox



Creative Commons - Mike Birds



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Bobcat



Creative Commons - James Abbott

Skunk



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Raccoon



Creative Commons - Stein

Bat



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Rabies, the Disease,
Testing, and Immunization
Dr. Carl Williams

10:10 - 12:00

Permit Application Requirements

- Hold active rehab license for at least previous 3 years
- 12 hours of RVS training
- Licensed vet agreeing to provide treatment

RVS Training

Rabies the Disease

Dr, Erica Berl, Department of Health

Rabies, vectors, vaccination, titers, testing procedures, and more are covered in this session.

Wildlife Rehabilitation RVS Regulations

Daron Barnes, NCWR

RVS regulations, permit application requirements and procedures, rehabilitator responsibilicare restrictions, release restrictions, and transport protocols are covered in this session.

Raccoon Re

Handling, housing and care of raccoons

Bats 101: Anatomy and Species ID

Linda Bower

Learn the unique anatomy of our only flying mammal along with specific, often time subtle features, that will be used to identify the 17 species of bats found in NC (RVS Rehabilitators, General, Vet Tech CE)

Bats 101: Adult Husbandry

Linda Bowen

Housing, care and handling of healthy adult bats

Bats 101: Injuries and Illness

Linda Bowen

How to identify, stabilize and treat common injuries and illnesses found in bats

Bats 101: Raising Bat Pups

Linda Bowen Techniques for raising orphaned pups for release into the wild. From formula to flight cage training.

Skunk Rehab

Elisa Fosco Handling, housing and care of skunks

Fox Rehab

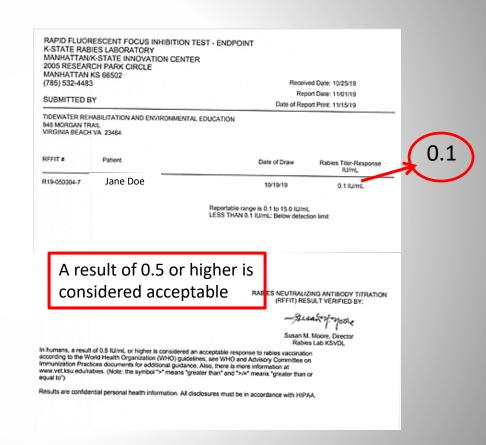
Elisa Fosco

Handling, housing and care of foxes

Bobcat Rehab

Permit Application Requirements (cont.)

- Up-to-date rabies immunization
- Notification to local animal control and health department



Permit Application Requirements (cont.)

- Caging meets minimum standards (3rd edition)
- Caging prevents escape and exposure
- Caging includes double fencing or solid wall barrier



Photo by Linda Bowen



Photo courtesy of Lake Metroparks Wildlife Center



Photo by Barbara Ray

Housing Requirements

Minimum standards (WxLxH)

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Raccoons	6'x8'x6'	30 square feet per animal
Skunks	6'x8'x6'	
Foxes	4'x4'x8'	

Ear Single

Bobcat 8'x8'x6'

Bats (varies by species)

6'x8'x8' for Little Brown 8'x12'x8' for Evening 10'x20'x8' for Big Brown

^{*}Minimum Standards for Wildlife Rehabilitation, 3rd edition

Regulations

- Coordinate for euthanasia and testing
- Report exposure to local Health Department
- Keep and submit records



Regulations

- Only healthy released,
 Non-releasables euthanized
- Released only where rehabilitated or found
- Release not authorized in ORV program counties



Protecting Yourself & Others

- Only permitted may handle RVS
- Litters housed separately
- Gloves worn for all handling including feeding



NPS

Regulations

RVS Regulations

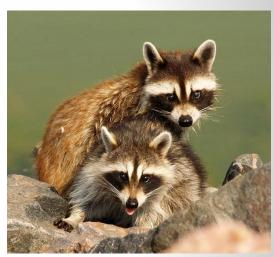
Daron Barnes

1:00 - 2:50

Raccoons

Cages used for raccoons should not be used for other species.

Do you know why?



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Foxes

Gray foxes can climb trees. Red foxes can not.



Creative Commons - Mike Birds



Creative Commons –Susan Young

Skunks

Ambitious diggers

What does that mean for housing?



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Bobcats

Distinctive markings on their front limbs



Photo courtesy of Lake Metroparks Wildlife Center

Bats



NPS

A mammal that flies and eats frogs, fish, nectar, insects, fruit and even blood

Raccoons

Barbara Ray Saturday 3:10 – 5:00 Sunday 8:30 – 10:20

Bats

Linda Bowen
Sunday 10:40 – 12:30
Sunday 1:30 – 3:20

Skunks

Elisa Fosco Saturday 9:00 –9:50

Bobcats

Traci Keller

Saturday 3:10 – 5:00

Foxes

Elisa Fosco

Sunday 10:40 – 11:30

Dealing with the Public

- Determine if there has been exposure
- Elicit truthful and reliable information
- Discourage handling
- Arrange safe transport



Dealing with the Public

- Do not give medical advice
- Refer exposed to health department or physician
- Ensure animals are tested





Why Rehabilitate RVS Pros

- Raccoons/Skunks/Foxes/Bats
 - To provide a safe place for orphans to be rehabilitated
 - Prevent exposures
 - Opportunity to identify exposures
- Bats
 - White-nose-syndrome
 - They are threatened and need help

Why Rehabilitate RVS Cons

Expense

- Cost of vaccines and titer checks
- Liability and insurance costs
- Animal vaccinations and vet expenses
- Housing for larger animals
- Housing security

Why Rehabilitate RVS Cons (cont.)

- Transporter issues (vaccinated and covered by your insurance)
- Time commitment for training orphans
 - Live prey testing
- Finding release sites

Rehabilitator Responsibilities

- Limiting exposure (Health Department fear)
- Limiting disease transmission (NCWRC fear)

We worked hard to be allowed to do RVS in NC. NC could lose the privilege to rehab RVS if we all don't act responsibly.

Training Record

- Keep record of training
 - Record stamped at end of each class
 - Board member to sign
- Submit sheet with permit application

Make sure to record class attendance with stamp on form!

RVS Training Sessions Record Sheet					
Date	Title of Session	Speaker	# of Hours	WRNC Verification	
1/25/20	Introduction to RVS	Toni O'Neil	1		
1/25/20	Captive Rearing & Rehabilitation of Striped Skunks	Elisa Fosco	1		
1/25/20	RVS, the Disease and Vaccinations	Dr. Carl Williams	2		
1/25/20	RVS Regulations	Daron Barnes	2		
1/25/20	Raccoon Rehab	Barbara Ray	2		
1/25/20	Bobcat Rehab	Traci Keller	2		
1/26/20	Raccoon Rehab (continued)	Barbara Ray	2		
1/26/20	Captive Rearing & Rehabilitation of Northern American Foxes	Elisa Fosco	1		
1/26/20	Bat Rehab	Linda Bowen	2		
1/26/20	Bat Rehab (continued)	Linda Bowen	2		
	TOTAL RVS HOU	RS ATTENDED			
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Questions?