



*Brazilian Free-Tailed Bats*

**South Carolina has 14 different bat species** - 9 are known to roost in colonies; 5 generally roost singly in trees.

- Bats are the **only mammals capable of sustained flight**, and can fly up to 100 mph and as high as 10,000 feet!
- They break rules on longevity: Little Brown Bats can live for **30 years** or more, while most small rodents the same size only live around 1.5 years.
- **Less than 1% of natural bat populations are known to carry rabies.** BUT, people are more likely to contract rabies from bats because they pick them up more often than a rabid raccoon or cat.
- Bats in our state can consume **15 mosquitoes in 60 seconds.**
- **Common bats in SC buildings** are Big Brown Bats, Evening Bats, Brazilian Free-tailed Bats, and sometimes Little Brown Bats.

Learn more at:

<http://www.dnr.sc.gov/wildlife/bats/index.html>

### Excluding Bats from Buildings

If bats are causing a problem, you can remove them safely and humanely through exclusion devices. The best time of year to exclude bats is in the early spring (March-April) or in the fall (August-October). We recommend you do not attempt to exclude bats in May through mid-July or August, because exclusion will result in flightless young (called pups) trapped within the structure.

For the **SCDNR Bats in Buildings** document: <http://www.dnr.sc.gov/wildlife/publications/nuisance/SCbatsinbldgs.pdf>

List of **Nuisance Wildlife Control Operators**: <http://www.dnr.sc.gov/wildlife/control.html>

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BAT CONSERVATION

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## BATS OF SOUTH CAROLINA

*Bats are an integral part of South Carolina's ecosystem and economy, and need your help.*



## Bats are beneficial

- A study in 2011 (Boyles et al.) showed bats provide an annual pest suppression service to South Carolina's agricultural industry equal to **\$115 million**. Nationwide, that service is **\$22.9 billion**.
- With the use of less pesticides, bats help **reduce the impact of chemicals** on many other wildlife species that call South Carolina home.

## Bats are in trouble

- **White-nose Syndrome** has killed over 6 million bats since 2006, causing significant local extinctions.
- Due to this, **bats are being listed** under the ESA.

## What can you do to help?

- **Don't disturb bats** in winter when they're hibernating.
- **Decontaminate gear** after entering caves and mines the rest of the year.
- Provide **habitat** and multi-chamber **bat boxes**.
- **Educate** others, **volunteer** or **donate** to bat organizations



Big Brown



Brazilian Free-tailed



Eastern Red



Eastern Small-footed



Little Brown



Northern Long-eared



Northern Yellow



Rafinesque's Big-eared



Seminole



Silver-haired



Southeastern



Tri-colored

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*We depend on bats. Like secret superheroes, they fly at night to suppress forest and agricultural pests while we sleep.*

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Evening



Hoary

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For more details on SC bats, see the **South Carolina Bat Conservation Plan:** <http://www.dnr.sc.gov/wildlife/bats/index.html>

For information on **Gear Decontamination**, search for "national protocol" in the search bar at [www.whitenosesyndrome.org](http://www.whitenosesyndrome.org).

To learn more about **Bat Boxes**, see: <http://www.batcon.org/resources/getting-involved/bat-houses>