

# What can YOU do to protect local salamanders?

Use sustainable products to reduce your carbon footprint.

Leave salamanders in their native habitats; don't take them home.

Disinfect field gear between sites to reduce the risk of transmitting deadly diseases.

Replace turned logs to prevent drying and maintain salamander habitat.

Pick up litter to keep salamander habitats pristine.

Do not move around or remove rocks from streams, as they are where some salamanders choose to call home

Support local conservation organizations such as FCSal.

More info at  
[www.FCSal.org](http://www.FCSal.org)



FCSal is an organization dedicated to the conservation of salamanders and their habitats.

## Contact Us

Foundation for the Conservation of Salamanders (FCSal)

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 Saint Louis Zoo  
Animals Always®



# SALAMANDERS OF MISSOURI

Missouri is the only state to have both Eastern and Ozark Hellbenders!



PROVIDED BY THE FOUNDATION FOR THE CONSERVATION OF SALAMANDERS (FCSAL) AND THE SAINT LOUIS ZOO

AN EDUCATIONAL GUIDE



# Threats to Salamanders

Deforestation causes the loss of critical habitat and increases ground temperature, disrupts vernal pools, and increases run-off.

Diseases such as Amphibian Chytrid Fungus and *Ranavirus* are spreading across the world causing amphibian declines.

Climate change is affecting salamander assemblages as well as breeding ecology by altering the weather within their microhabitats.

Pollution can affect a salamander's sensitive skin, causing an array of problems for these environmental indicators (species that reflect the health of the environment).

Ringed Salamander  
*Ambystoma annulatum*



Photos by: Justin Elden



Grotto Salamander  
*Eurycea spelaea*



Western Lesser Siren  
*Siren intermedia nettingi*



Three-Toed Amphiuma  
*Amphiuma tridactylum*



Eastern Tiger Salamander  
*Ambystoma tigrinum*



Small-Mouthed Salamander  
*Ambystoma texanum*



Mole Salamander  
*Ambystoma talpoideum*



Cave Salamander  
*Eurycea lucifuga*



Hellbender  
*Cryptobranchus alleganiensis*