



Dear Friends of the Siskiyou Crest,

The Siskiyou Crest Coalition has embarked on a unique, new initiative –

The Siskiyou Crest Moth Project!

This project is a study of the moth diversity of the Siskiyou Crest region along the border of northwest California and southwest Oregon, through scientific research and community science. The results of this study will help us make the case for permanent protections for the extraordinary resources of the Crest.

The Siskiyou Crest region is renowned for its botanical diversity and corresponding insect diversity. The SCMP will identify the moth species that live, reproduce, and/or migrate through the Siskiyou Crest region. Our study sites will range from low elevation chaparral, oak woodland, mixed conifer and riparian areas, to high elevation ridgelines, meadows and subalpine forests, as well as serpentine habitat. There is so much more we need to learn about moths and their importance in the ecosystem, and the Study will help increase the knowledge about moths in the Siskiyou Crest region.

There are likely over 1000 species of moths that call the Siskiyou Crest home!

We may even find moths that are currently not known to science.

Can you help? Please become a project sponsor!

Your participation and donation will support original research on the Crest!



photo by Merrill Peterson

The Siskiyou Hadena lives primarily on the Siskiyou Crest and is the project mascot!
\$1000+ Your sponsorship will fund species identification and accession of the collected moths to the Oregon State University permanent arthropod collection!



Photo credit

The Ornate Tiger Moth

\$500+ A sponsorship at this level will enable the purchase of essential equipment such as black lights, and power units to be used in remote locations.



Photo by Linda Kappen

The Bear Sphinx Moth

\$250+ A sponsorship at the Bear Sphinx level will support the acquisition of white sheets and support frames, vials and collection containers.

Please see the next page to donate. **All sponsorships will be acknowledged** on our webpage, at moth education events/presentations and in our social media.

Business/nonprofit logos will be posted on our webpage and publications. Donors at the \$500+ and \$1000+ levels will receive a Moth Project T-shirt.

Why Moths? About the Project:

The Siskiyou Crest is home to many rare and endemic plant species, and the same is true with moths. This study will look for endemic moth species, such as the Siskiyou hadena moth (*Hadena siskiyou*), whose range is primarily restricted to the Siskiyou Mountains. We may even find moths that are currently not known to science.

Moths are not only beautiful; they are important parts of the ecosystem. Modern research is showing that moths are just as important for pollination as many bee and butterfly species. But because most moths are nocturnal, they have been studied less. Moths are also critical food sources for many species such as birds, bats, rodents, reptiles, and amphibians.

Respected lepidopterist Dana Ross is the project lead: Dana will provide the expert moth identification services needed to aid the volunteers and community science efforts. He will identify and accession all the moth samples collected by volunteers into the carefully curated SCMP drawers at the Oregon State Arthropod Collection.

The SCMP will utilize community science to increase the amount of moth samples and observations. Moth nights at the various SCMP study sites will be open to the public for volunteers to come help contribute to science. These will be fun, collaborative events with the opportunity for amazing discoveries to be made together! Volunteers will utilize a moth sampling method that lures moths to a sheet with black lights. Moths will then be taken as samples in glass vials for identification and inclusion in the Oregon State Arthropod Collection at Oregon State University.

Project oversight: The project is managed by the Siskiyou Crest Coalition, and its fiscal sponsor, Applegate Siskiyou Alliance, a nonprofit, tax exempt 501 (c) 3 organization (EIN 82-3862649). The project is supported by the sponsoring organizations shown below.

Project needs: Funding is needed to help acquire equipment for the study, including black lights, moth sheets, power units, moth containers and more. To learn more about equipment needs and to donate please visit our beautiful webpage.

In addition to donating at the below, checks may be made out to Applegate Siskiyou Alliance. Please write Siskiyou Crest Moth Project on the memo line, and mail to PO Box 114, Jacksonville, OR 97530.

Questions or inquiries may be addressed to Liza Crosse, lizacrosse@comcast.net .

Contributions of any amount are helpful and appreciated!

To donate and learn about the Siskiyou Crest, our coalition and the project, please visit

<https://siskiyoucrestcoalition.org/siskiyou-crest-moth-project/>



Thank you for your support!