

Field Trips to Stonerose

A field trip to Stonerose is a very exciting adventure for students of all ages, and may be a once in a lifetime experience for some.

Upon arrival and registration with the Center, staff gives an age appropriate, short introduction about fossils and how to hunt for fossils. This includes what sort of rock to look for and how to use the hammer and chisel to split it open. Perusing our collections on display piques their imagination about the possibilities!

After orientation, a staff member will accompany your group when they walk up to the site, which is a short 2 blocks away. When they are through digging, they bring their finds down to the Center for identification., and decide which ones to keep.

We recommend that you schedule field trips for May, June, September and October. Call or email for more detailed information!



7th graders open rocks to find fossils at the Stonerose Quarry in Republic. *St. George's School, Spring-Summer Magazine 2015*

When Stonerose visited UPrep, both students and teachers had a blast--the presentation was colorful and imaginative. When followed directly by the "hands-on" component, a roomful of excited 8th graders splitting shale and finding fossils, made it obvious indeed that enthusiasm can be linked directly to volume in a classroom. We can't wait for them to return!

Scott Herrick, University Prep, Bellingham,



Outreach Educational Program

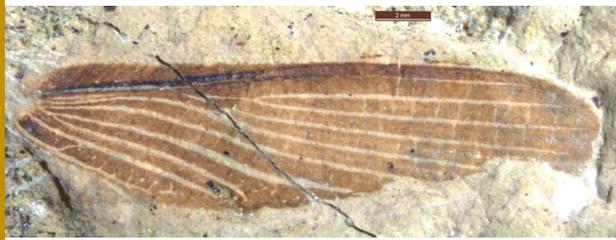
Many students are not able to come to us, so our program gives students the opportunity to learn more about regional geology and fossils. Our hands on shale splitting is a once in a lifetime experience for most.

Our basic program takes approximately 50 minutes and includes an informative visual presentation, a shale splitting demonstration and hands-on shale splitting by students divided into small groups. Additionally, each student will receive their own fossil from our Boot Hill quarry that they get to keep!

The cost for a basic presentation includes the hands-on program and travel costs for Stonerose staff. The number of presentations **per day** that we make at your school affects the total cost to your school.

We schedule presentations to be given from November through April. Contact Stonerose for more details and to set up a day and time for your school presentations!





A fossil found by a young man visiting with his family in 2012 was identified as a new genus and new species in 2014 and named after him! Keir Hichens found this stick bug wing, *Eoprephasma hichensi*.

Daniel Moses, a 2012 graduate of Republic High School became interested in fossils after his school made a field trip to Stonerose. While still in high school, Daniel worked at Stonerose which solidified his interest. Daniel is majoring in geology and entomology because, "Bugs are cool." Tribal Tribune

This fossil was found by a student in 2007 while on a field trip; it was identified as a new species in 2014 and named after her! Azure Rain Belgarde found this amazing specimen, *Metanephrocerus belgardeae*.



***Florissantia quilchenensis*,**

Stonerose's logo, is part of the Malvaceae Family, which also includes the Cocoa (chocolate) and Mallow (marshmallow) plants. The best preserved specimens of *Florissantia* are found at the Stonerose fossil site.



Please visit our website, www.stonerosefossil.org for more Information about Stonerose.
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Stonerose Interpretive Center and Eocene Fossil Site: Educational Programs

Stonerose is a non-profit organization located in Republic, Washington 120 miles NW of Spokane, near the Canadian Border. We are a public fossil dig open for fossil hunting May-October, primarily finding excellent specimens of ancient plants, insects and fish from 50 million years ago.

One of Stonerose's mandates is to promote educational and scientific interest in geology, paleontology, and study of past environments. Stonerose's educational programs are designed to pique interest in youth.

Stonerose has worked with over 20 scientists worldwide; we provide research material for study, leading to a better understanding of our geologic and biologic past and how it affects the future of our ever-changing earth.

Everyone hunting for fossils at our Boot Hill Site is allowed to keep 3 of their finds. *Stonerose does retain the right to keep any finds that may be of significant scientific value.* Extra fossils found (over the 3 kept) are also retained to take to schools...**just like yours.**