

# THIS WEEK ON THE LLANO ESTACADO

December 20-25, 2009

## Christmas break!

We would like to invite you to come out to the Sibley Nature Center with your class, or invite us to come to your class. We love the 4th six weeks, for all grades are talking about subjects we love. (changes, habitat, animal behavior, and soil)



This hummingbird is in torpor. The cold nighttime temperatures stimulated a physiological reaction that caused it to breathe much slower. Its heart rate slowed, too. In the morning, after it warmed up, it righted itself, fed, and flew about and fed all morning, and then left to head south.

There are many such local and regional examples that can be used to illustrate many scientific concepts. A photo like this sticks in a student's mind!

As grasshoppers grow, they shed their skin. Adult grasshoppers can be different sizes, depending on the amount of food each has eaten. Different soil types have different plants, and in some cases, different species of grasshoppers. Some grasshoppers are found in every habitat, and other species are only found in one.



### **TEACHERS CHALLENGE;**

Invite us out, so we can tell your students about local examples of scientific concepts you are teaching! Call 684 6827.