The State Fossil

In 2005 Oregon adopted a state fossil. This is a symbol for the State just like the beaver or Douglas Fir. So what is the state fossil? Draw a picture of it below and write its name.

[Image of Oregon state fossil]

Hint: Go to the table handing out seeds.

Based on this tree do you see one group of horses or many?

Many

Why don't all of the blue lines go to the top? They went extinct.
Crossword

Clues

Across
1. The epoch that the first horses in (55-33 million years ago)
2. What modern horses primarily eat
3. Early horses weren’t large but rather _______.
4. Modern horses includes these striped animals from Africa

Down
5. The theme of this FossilFest
6. Parts used to bite and chew and can be useful for identification and inferring diet
7. The continent that horses evolved on
8. There was a reduction of this horse foot part through time which helped them run faster

Hint: The back of the book contains most of the words.
**Horses then and now**

Name three differences between the modern horse (top) and ancient horse (*Orohippus sp.*) (bottom). What might these differences say about how they lived? (Horses approximate scale to each other. Teeth next to horses.)

- Example answer:
  - longer "face"
  - larger
  - more toes

**Shark and Ray Teeth**

Sharks and rays are related and both have teeth. Go to the shark tooth screening table and find a shark’s tooth and a ray tooth. Draw both of them. Why are they different shapes?

- Ray
- Shark (sample)

- Large teeth (crown)
- Fat different things

- Lifestyle runs fast
- Eat different things

- Lifestyle doesn’t run fast
- Eat different things