



# The Citizen Science of Phenology

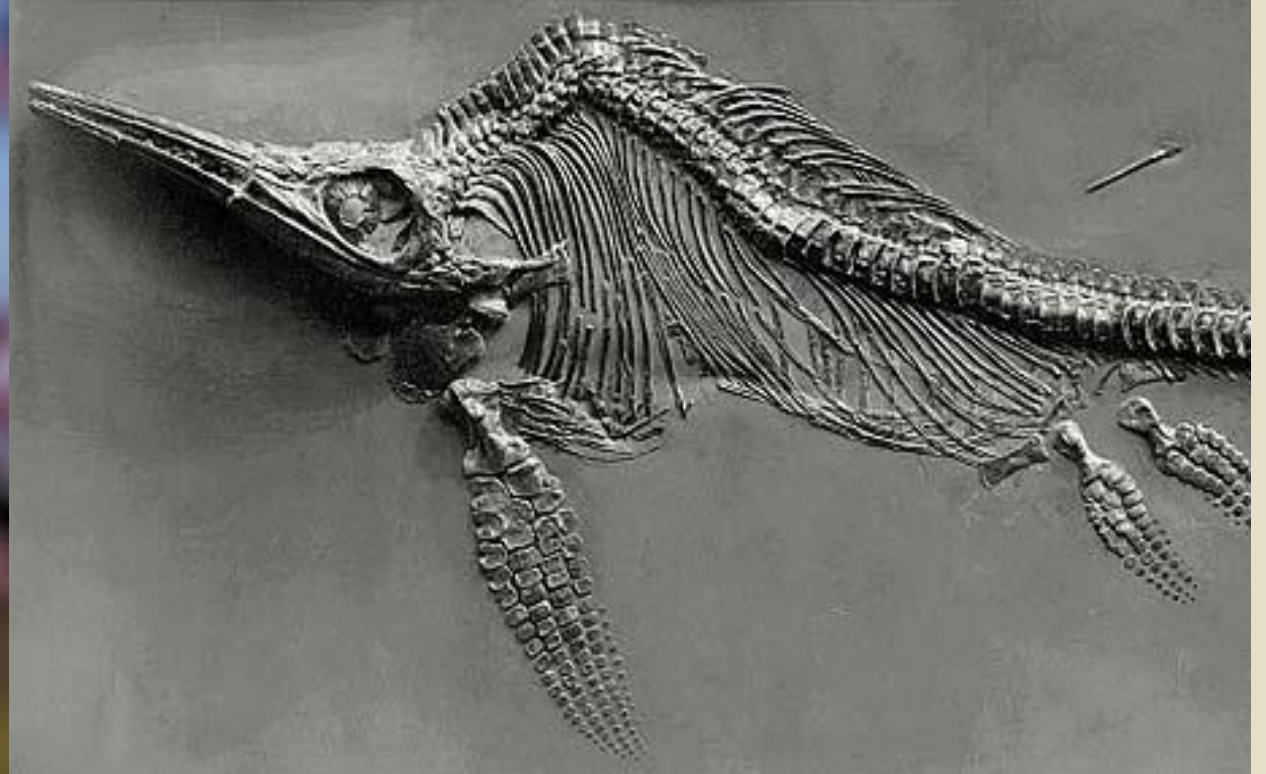
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# Citizen Science





# Phenology

The study of cyclic and seasonal natural phenomena as they relate to plants and animals.



# Phenology of plants?

**Phenology:** study of periodic plant and animal life-cycle event influenced by climate change and seasonal change.

Have these cycles been altered over the years by climate change?



Terrie Schweitzer

**Breaking leaf buds**



Eugene Zalenko

**Leaves**



Liz Matthews

**Increasing leaf size**



Cliff Hutson

**Colored leaves**



Devra

**Flowers or flower buds**



Dawn Endico

**Open flowers**



Eugene Zalenko

**Fruits**



randomtruth

**Ripe Fruits**

# Sierra Streams Phenology Curriculum for Teachers: Introduction and Outcomes

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## Sierra Streams Institute Phenology Program

### Introduction and Outcomes

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#### Included:

- Background on Sierra Streams Institute
- Why use citizen science to teach phenology?
- How is phenology used in a real-world context?
- How this guide will help your students engage with science

[http://bit.ly/phenology\\_curriculum](http://bit.ly/phenology_curriculum)



# Thank You!

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