

COMPOSITAE IN A CRATE

An outreach initiative to promote plant awareness

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What is it?

Compositae in a Crate is a teacher-guided outreach initiative to promote plant awareness aimed at the 4th and 5th school grades. This crate of activities contain different modules focusing on different aspects of the sunflower family.

What is included?

In each module, there will be a guide for teachers along with different activities, including but not limited to:


- Flash cards
- Puzzles
- Worksheets
- Scavenger hunts
- 3D models
- Arts and crafts



- Grows up to three feet tall
- Surrounded by other shrubs and trees usually
- Loves wet soils
- Found almost everywhere in the United States
- Contains a toxin that prevents them from being eaten

Butterweed (*Packera glabella*)

Flashcards



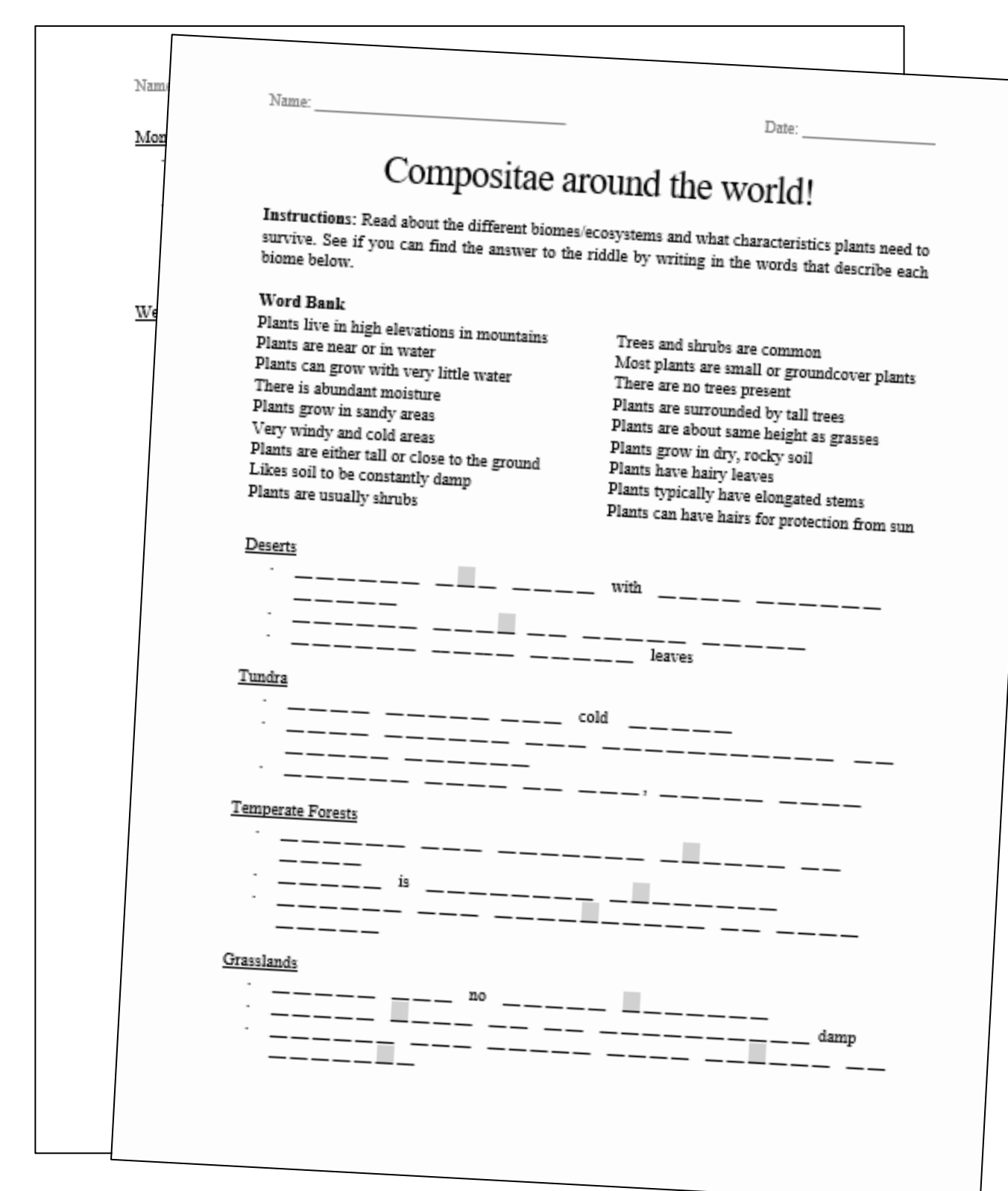
- Appears woolly from petals being so hairy
- Native to rocky, limestone, alpine areas in Europe
- Many plants clump together which covers the ground
- Does well in snowy habitats

Edelweiss (*Leontopodium alpinum*)

3-D models



Worksheets



Why Compositae?

Compositae, also known as the sunflower family, is the largest family of flowering plants, accounting for ~10% of flowering plant diversity in the world. They are present in virtually all environments and fulfill multiple ecological niches. Some members of the family are widely cultivated as crops, such as **sunflower**, **lettuce**, **artichoke**, and **chicory**; several species are grown as ornamental plants; and others are used in pharmaceutical and chemical industries.

What modules?

This crate of activities contains four modules:

1. Biodiversity
2. Morphology
3. Society
4. Genomics

Where are the crates?

Once completed, the produced crates will be available at different institutions, and all materials will be made available online so other interested parties can produce their own crates.