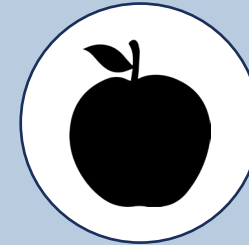


# POLLINATION

*We couldn't be without bees...  
or butterflies, birds,  
and beetles.*



## BEE-HIND the SCENES



We can thank pollinators for 3 out of every 4 mouthfuls of food we eat! By transporting pollen from one plant to another, pollinators play a crucial role in the production of fruit and seeds that feed us and other animals.

## WHO'S DOING the BUSY WORK?



Birds, butterflies, moths, flies, beetles, wasps, small mammals and bees.



## BEE-ING the HELPING HAND



By growing flowering plants we are providing pollinators with important food — pollen and nectar — and habitat.

## ORCHARD ACTIVITY

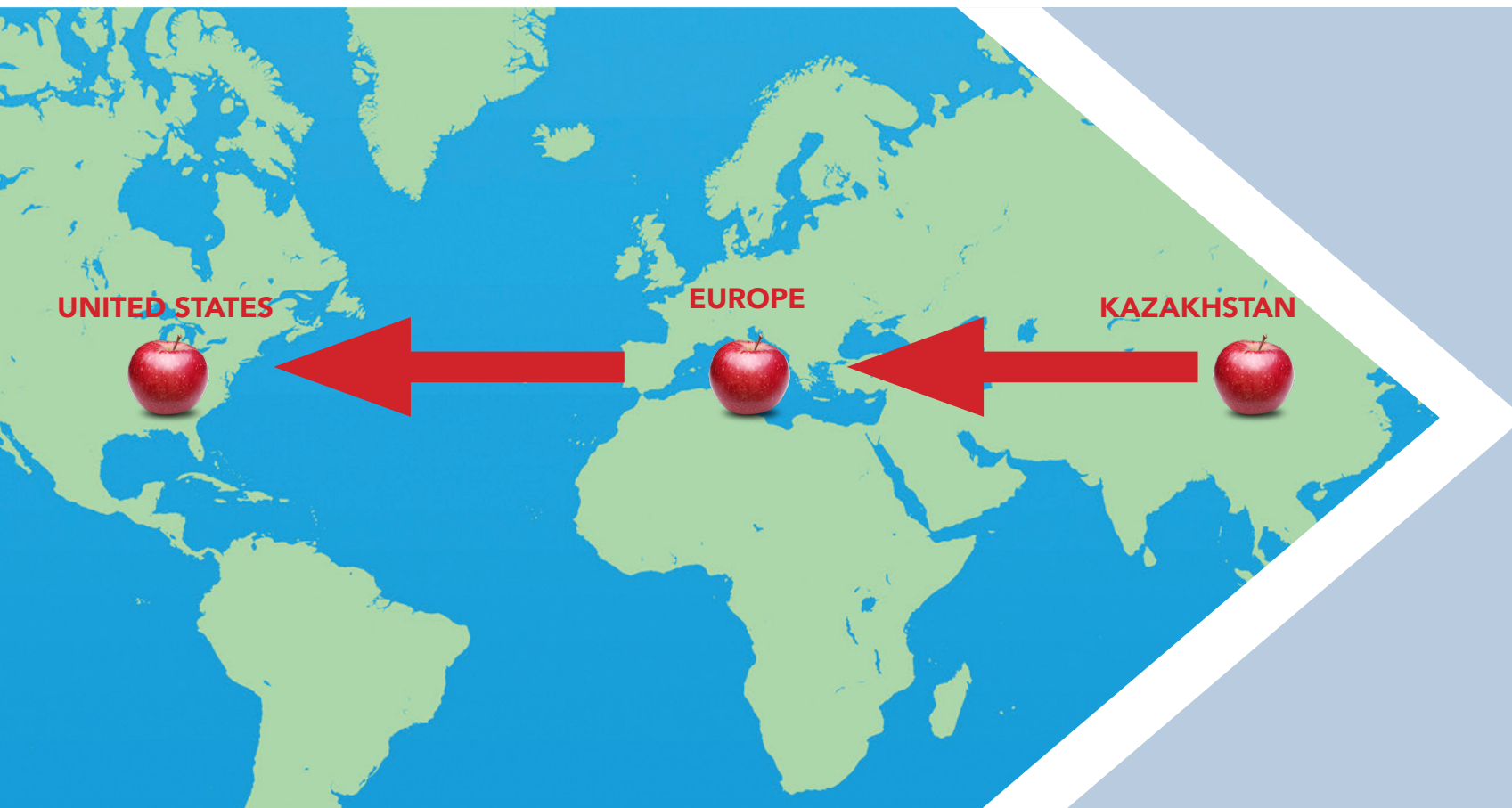


**Can you find any of the following?**

*Pollinators in action, flowers, fruit (which types?), seeds, other wildlife...*

# APPLES IN MAINE

*Know Your  
Roots.*



## WHERE APPLES BEGAN

Apples originated about 12 million years ago in Kazakhstan, a country northwest of China. There, apple trees grow not in orchards, but in forests! Travelers on the Silk Road spread these beloved fruits east to Japan and west to Europe.

## THE JOURNEY WEST

400 years ago, sailors packed their apples into wooden barrels and took them on a journey across the ocean to the Gulf of Maine. Small orchards were planted here even before the Pilgrim settlers landed on Plymouth Rock!



## A MAINE STAPLE

Mainers have always loved their apples. Early growers experimented and grafted to create the favorite types we know today. Varieties that began here long ago have now been planted nationwide!

To early settlers, no apple was a bad apple. There were apples for pies, cider, pickles, and everything in between. Apples have provided a year round food source for generations and are an essential part of Maine's heritage.



Educational orchards by ReTreeUS [retreeus.org](http://retreeus.org)



# THIS ORCHARD

*Why is there an orchard here?*



## TREES are GOOD FOR THE PLANET



Trees create wildlife habitat and food.

Trees help keep our water clean by holding soil in place, preventing erosion.

Trees clean the air, create oxygen, and absorb carbon dioxide.

Trees help the soil by recycling nutrients and improving their conditions.

Growing your own food in an orchard saves energy by keeping it from being shipped from far away.



## FRUIT TREES are GOOD FOR YOU



Fruits from the trees are full of nutrients!

Trees produce oxygen that we need to breathe.

Fruit trees have been cultivated in human cultures for centuries and provide us with a link to history.

An orchard is a great place to take a deep breath & relax.

## A HEALTHY ORCHARD

These trees are maintained without the use of harmful chemicals, which keeps the air, water and creatures living nearby—including us—healthy.



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