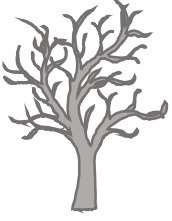


Legend (to maintain graphic consistency between cards):



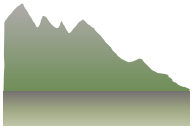
Base model for all broadleaf trees (e.g., maples, oaks, elms, walnuts, etc.). Color can be customized to reflect the tree's bark in real life.



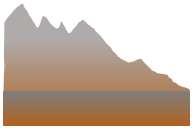
Base model for all coniferous trees (e.g., pines, firs, spruces, etc.). Color can be customized to reflect the tree's bark in real life.



Background representing chaparral habitat.



Background representing mountain forest habitat.



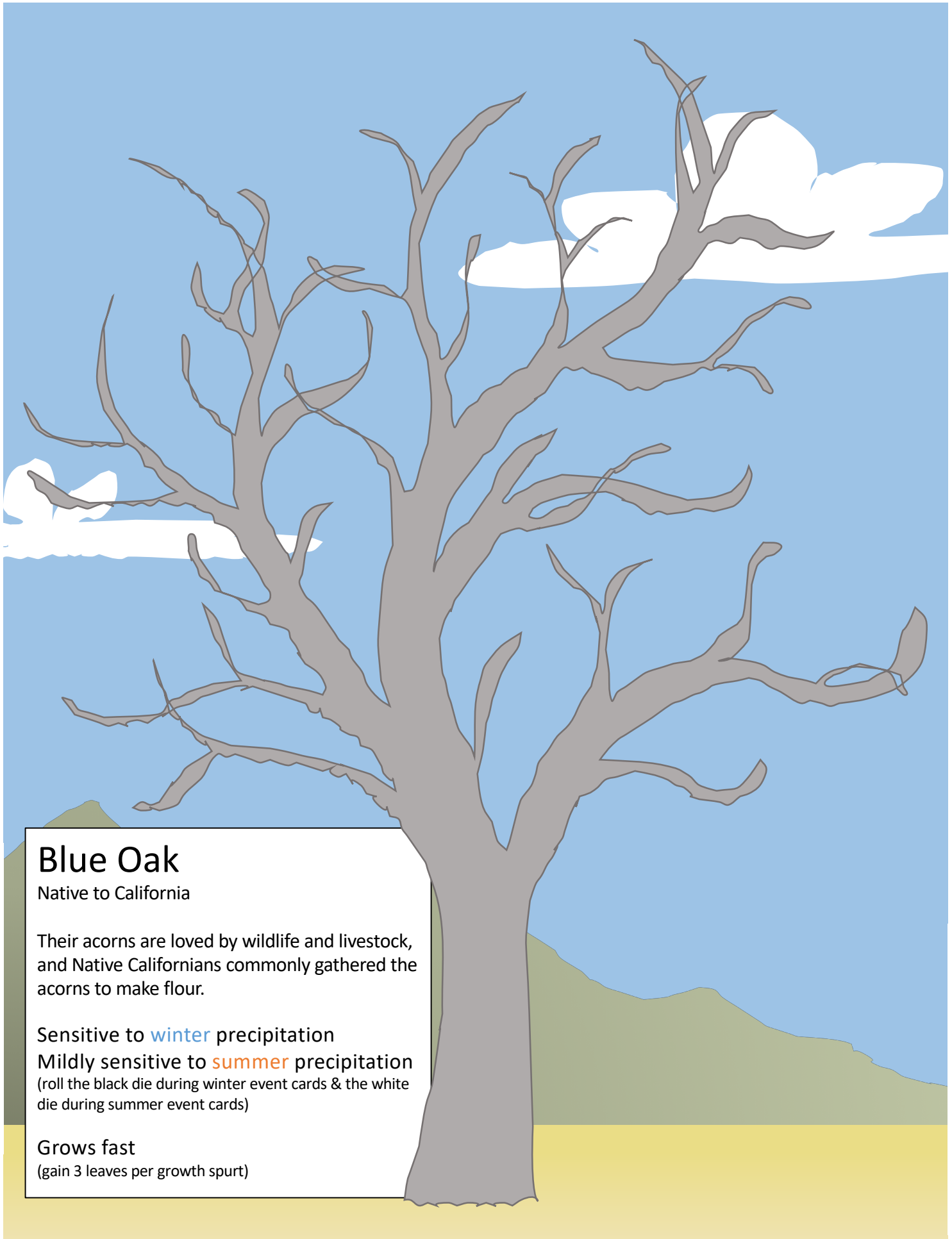
Background representing desert/semidesert habitat.



Background representing prairie habitat.



Background representing temperate deciduous forest habitat.



Blue Oak

Native to California

Their acorns are loved by wildlife and livestock, and Native Californians commonly gathered the acorns to make flour.

Sensitive to **winter** precipitation

Mildly sensitive to **summer** precipitation
(roll the black die during winter event cards & the white die during summer event cards)

Grows fast

(gain 3 leaves per growth spurt)



Rocky Mountain Fir

Native to western North America

These trees grow at high elevations in the Rocky Mountains. They are popular as Christmas trees due to their pretty blue-green needles.

Sensitive to **winter** & **summer** precipitation
(roll the black die during all event cards)

Grows fast
(gain 3 leaves per growth spurt)

A stylized illustration of a Western Juniper tree in a mountain landscape. The tree is brown and has a thick, gnarled trunk with several horizontal branches. The background features a blue sky with white clouds, green mountains, and a green foreground. The tree is positioned in the center-right of the frame.

Western Juniper

Native to northwestern United States

This is an adaptable tree growing in the dry mountains of Oregon, Washington, Idaho, and California. Hundreds of tons of juniper is harvested every year to make holiday wreaths.

Sensitive to **winter** & **summer** precipitation
(roll the black die during all event cards)

Grows fast
(gain 3 leaves per growth spurt)



Limber Pine

Native to western North America

The seeds of these widespread pine trees are an important food source for many animals. Once used in great numbers for timber, modern trees are generally too small and knotted to be useful.

Mildly sensitive to **summer** precipitation
(roll the white die during summer event cards)

Grows neither fast nor slow
(gain 2 leaves per growth spurt)



Ponderosa Pine

Native to western North America

This is the state tree of Montana. The bark of these trees smells like butterscotch and its wood is highly valued for lumber.

Sensitive to **winter** precipitation

Mildly sensitive to **summer** precipitation

(roll the black die during winter event cards
roll the white die during summer event cards)

Grows neither fast nor slow

(gain 2 leaves per growth spurt)

An illustration of a tall, slender Engelmann Spruce tree with a dark brown trunk and branches. The tree is set against a light blue sky with a few white, stylized clouds. In the background, there are green mountains and a grey ground plane. A white text box is overlaid on the left side of the tree.

Engelmann Spruce

Native to western North America

These are high-altitude mountain trees. They are valued for their wood, especially for making musical instruments like guitars, violins, and pianos.

Mildly sensitive to **summer** precipitation
(roll the white die during summer event cards)

Grows slow
(gain 1 leaves per growth spurt)



Douglas Fir

Native to western North America

These trees are exceptionally popular as Christmas trees – one has been used as the capitol Christmas tree in Washington DC seven times. Their lumber is also highly valued.

Sensitive to **winter** precipitation
(roll the black die during winter event cards)

Grows neither fast nor slow
(gain 2 leaves per growth spurt)

A stylized illustration of a Mountain Hemlock tree in a mountainous landscape. The tree is brown with a thick trunk and many thin, horizontal branches. The background is a blue sky with white clouds and green mountains. The ground is a mix of green and brown.

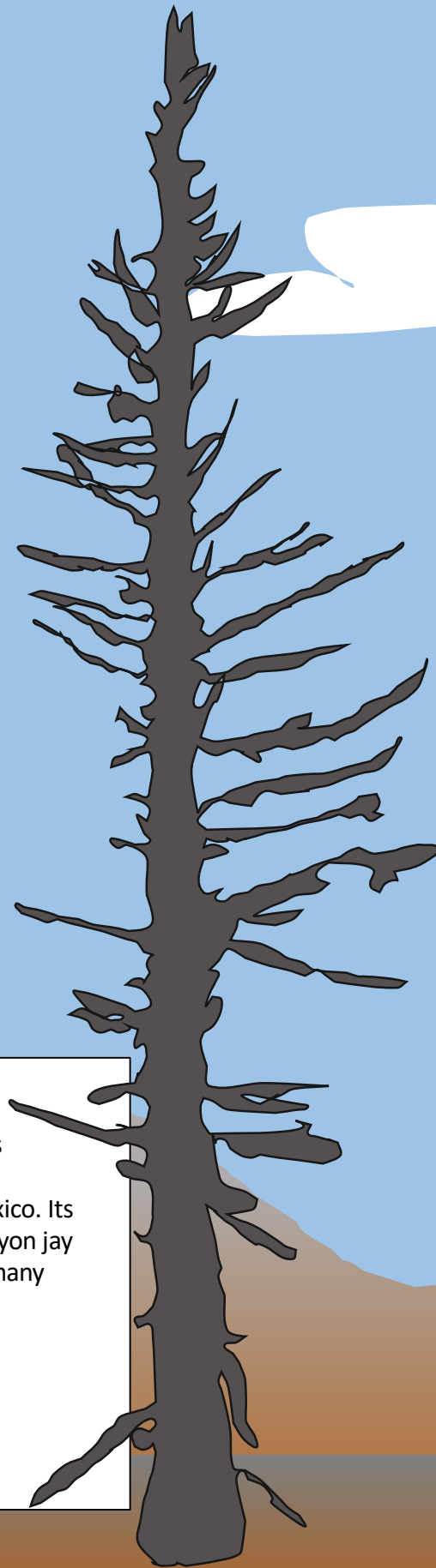
Mountain Hemlock

Native to western North America

These are tough trees capable of withstanding severe winter weather. Their strong, curving branches and trunks help them withstand being covered in snow.

Sensitive to **summer** precipitation
(roll the black die during summer event cards)

Grows fast
(gain 3 leaves per growth spurt)



Pinyon Pine

Native to southwestern United States

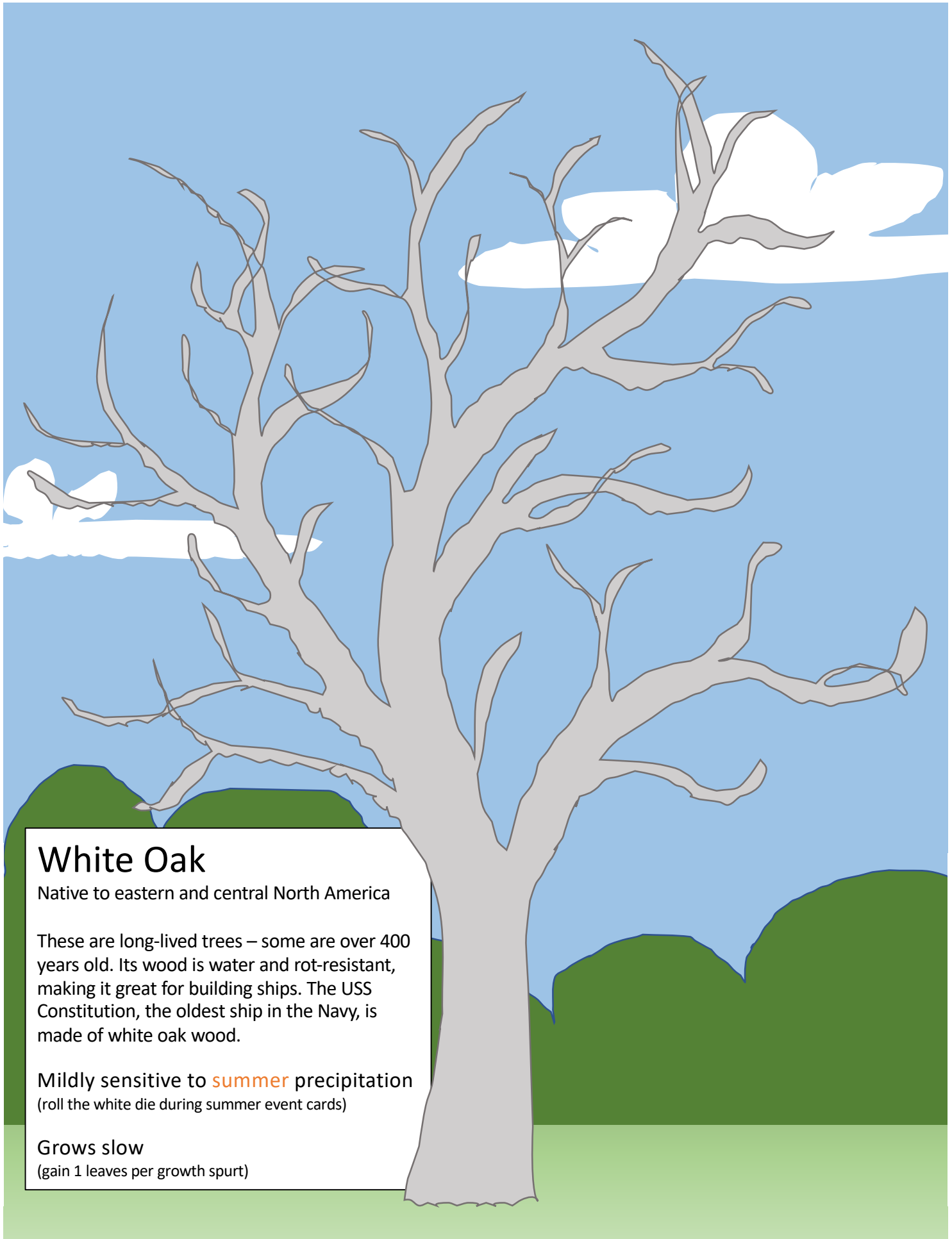
This tree is the state tree of New Mexico. Its edible seeds are dispersed by the pinyon jay and are of economic importance to many Native American tribes.

Sensitive to **winter**

(roll the black die during winter event cards)

Grows neither fast nor slow

(gain 2 leaves per growth spurt)



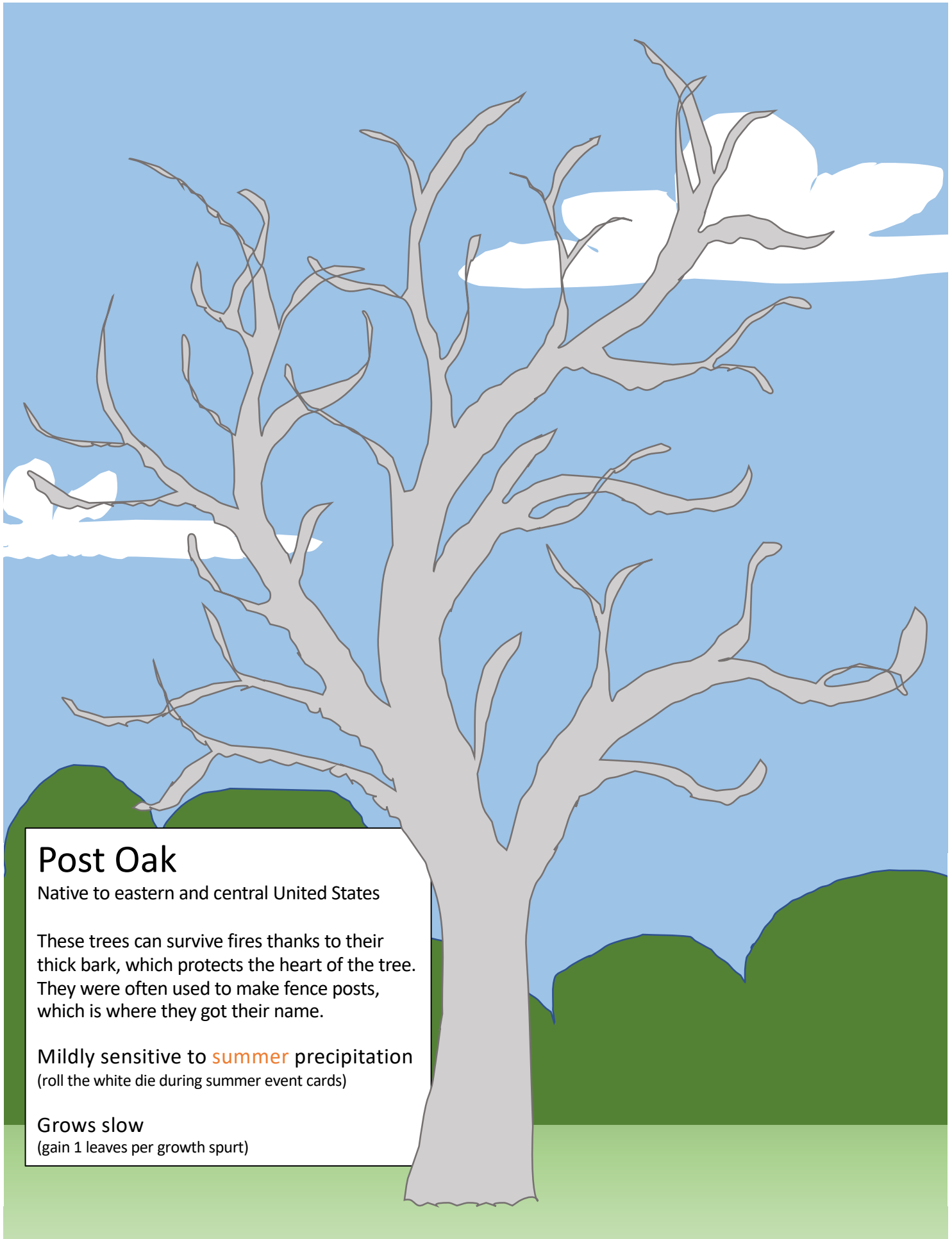
White Oak

Native to eastern and central North America

These are long-lived trees – some are over 400 years old. Its wood is water and rot-resistant, making it great for building ships. The USS Constitution, the oldest ship in the Navy, is made of white oak wood.

Mildly sensitive to **summer** precipitation
(roll the white die during summer event cards)

Grows slow
(gain 1 leaves per growth spurt)



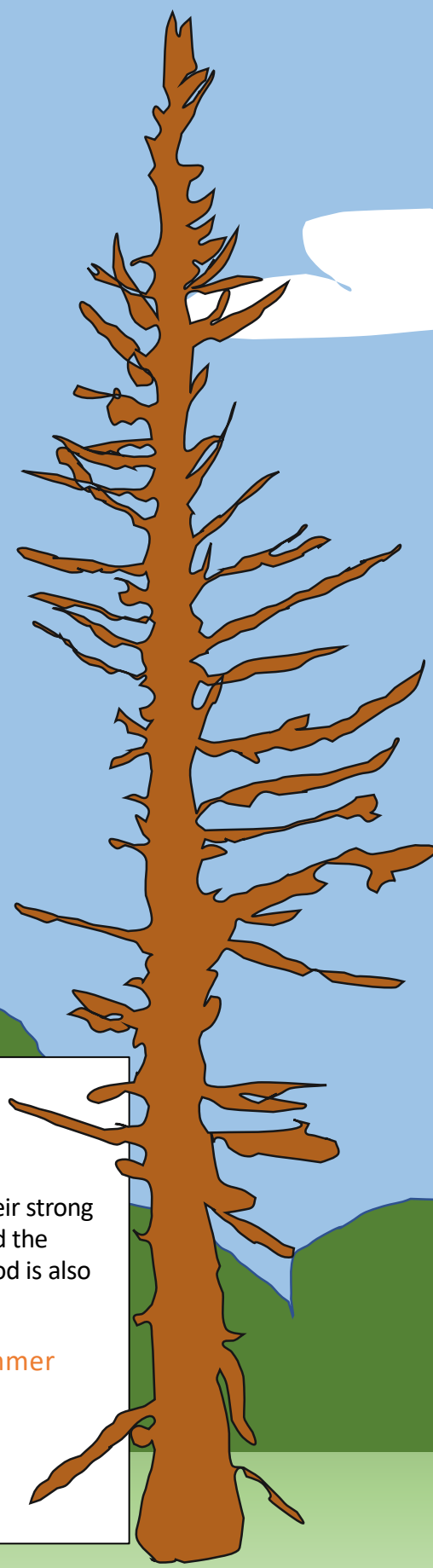
Post Oak

Native to eastern and central United States

These trees can survive fires thanks to their thick bark, which protects the heart of the tree. They were often used to make fence posts, which is where they got their name.

Mildly sensitive to **summer** precipitation
(roll the white die during summer event cards)

Grows slow
(gain 1 leaves per growth spurt)



Bald Cypress

Native to southeastern United States

This is the state tree of Louisiana. Their strong roots help the tree resist flooding and the strong winds of hurricanes. Their wood is also water-resistant.

Mildly sensitive to **winter** & **summer** precipitation
(roll the white die during all event cards)

Grows slow
(gain 1 leaves per growth spurt)



Eastern Hemlock

Native to eastern North America

This is the state tree of Pennsylvania. Unlike most trees, these trees are happy to grow in the shade. While not valuable for timber, they do make pretty landscaping trees, with small needles and drooping branches.

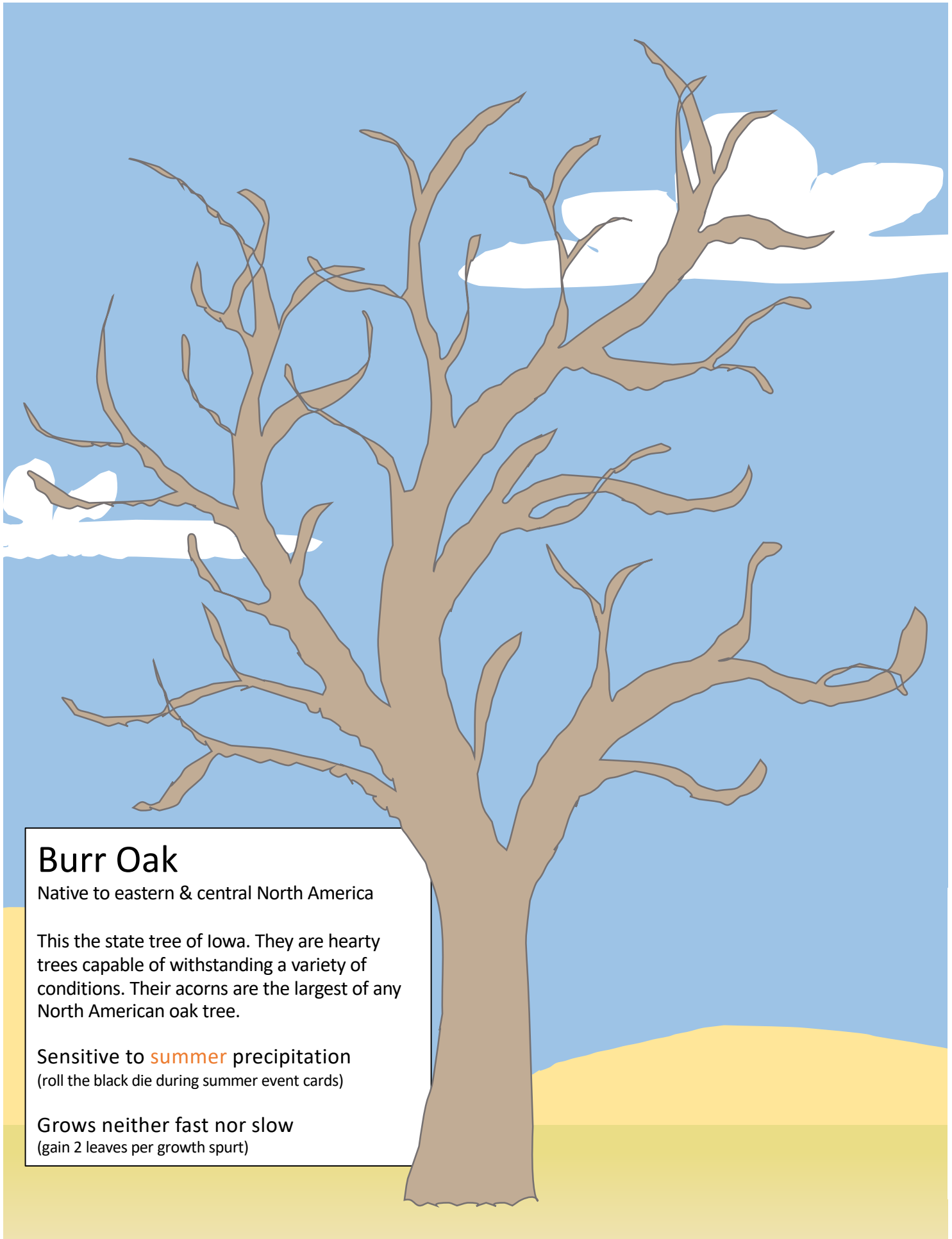
Sensitive to **winter** precipitation

Mildly sensitive to **summer** precipitation

(roll the black die during winter event cards
roll the white die during summer event cards)

Grows fast

(gain 3 leaves per growth spurt)



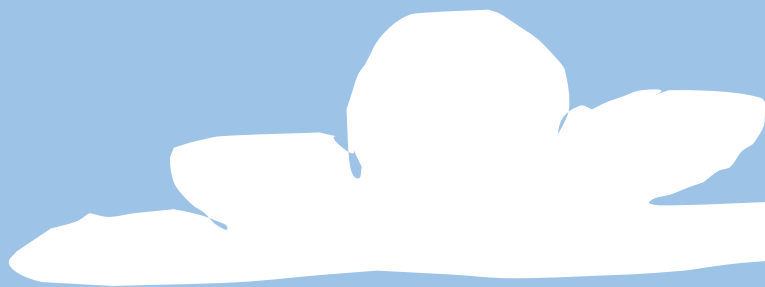
Burr Oak

Native to eastern & central North America

This the state tree of Iowa. They are hearty trees capable of withstanding a variety of conditions. Their acorns are the largest of any North American oak tree.

Sensitive to **summer** precipitation
(roll the black die during summer event cards)

Grows neither fast nor slow
(gain 2 leaves per growth spurt)



[Common Name]

Native to [biome/region/state]

[Fun facts or other information about the tree. Many species are economically or culturally important.]

[Mildly] Sensitive to [summer]/[winter] precipitation

(roll the black [white] die during summer event cards)

Grows [fast]/[slow]/[neither fast nor slow]

(gain [3]/[1]/[2] leaves per growth spurt)



The changing weather and rain patterns have allowed emerald ash borer to invade your forest and you! Roll the pest dice to determine how many leaves you will lose to this infestation.



The changing weather and rain patterns have allowed mountain pine beetle to invade your forest and you! Roll the pest dice to determine how many leaves you will lose to this infestation.



The changing weather and rain patterns have allowed Dutch elm disease to invade your forest and you! Roll the pest dice to determine how many leaves you will lose to this infestation.



The changing weather and rain patterns have allowed sudden oak death to invade your forest and you! Roll the pest dice to determine how many leaves you will lose to this infestation.



The changing weather and rain patterns have allowed dwarf mistletoe to invade your forest and you! Roll the pest dice to determine how many leaves you will lose to this infestation.



The changing weather and rain patterns have allowed spruce budworms to invade your forest and you! Roll the pest dice to determine how many leaves you will lose to this infestation.



Winter precipitation has been highly variable these past years. If you are sensitive to winter precipitation, roll the die to determine how many leaves you lose from the changing climate.



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Summer precipitation in the warm season has been highly variable these past years. If you are sensitive to summer precipitation, roll the die to determine how many leaves you lose from the changing climate.



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Precipitation in the has been about average these past years. You retain all of your leaves.



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