

Eastern White Pine Activity

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What Type of Forest is This?

a) Aspen Forest

Populus tremuloides

c) Sugar Maple Forest

Acer saccharum

d) Tamarack Forest

Larix laricina

b) Spruce Forest

Picea mariana

e) White Pine Forest

Pinus strobus

f) Northern Red Oak Forest

Quercus rubra



Image 1

Correct Answer:

e) White Pine, *Pinus strobus*

Most trees shown in the forest shown were Eastern White Pine. White pine give the forest a pagoda-like skyline¹ because of their height and the spacing of their branches. The tree shown to the right is a relatively young white pine.



Image 2

What Type of Tree Does This Cone Belong To?

a) Northern Red Oak

Quercus rubra

b) White Pine

Pinus strobus

c) Sugar Pine

Pinus lambertiana

d) Black Spruce

Picea mariana

e) Giant Sequoia

Sequoiadendron giganteum

f) White Spruce



Image 3

Correct Answer:

c) Sugar Pine, *Pinus lambertiana*

The eastern white pine has small cones, about the size of an adult's hand. The sugar pine produces cones about three times that size.



is

from a white
pine and the
lower from a
sugar pine.

What is this House Constructed of?

a) Lebanon Cedar

Cedrus libani

b) White Spruce

Picea glauca

c) Sugar Pine

Pinus lambertiana

d) Northern Red Oak

Quercus rubra

e) White Pine

Pinus strobus

f) Giant Sequoia

Sequoiadendron giganteum



Correct Answer:

e) White Pine, *Pinus strobus*

Throughout the history of Minnesota, homes were constructed from white pine lumber. In fact, it is thought that white pine logging was Minnesota's biggest industry for 100 years⁴ and was what made the state thrive. Today, white pine lumber industry is not as large but the wood is still used for things such as carvings and specialty projects.



Image 6

What are Popsicle Sticks Made of?

a) Eastern White Pine

Pinus strobus

b) Northern Red Oak

Quercus rubra

c) Birch

Betula alba

d) Plastic

e) Bamboo

Dendrocalamus giganteus

Image 7

f) Green Ash

Fraxinus pennsylvanica



Correct Answer:

a) Eastern White Pine, *Pinus strobus*

Because of its mild flavor and relative softness, white pine is the wood of choice for tongue depressors, popsicle sticks, and wooden food utensils³.



Image 8

What are Pencils Composed of?

a) Jack Pine

Pinus banksiana

b) Eastern White Pine

Pinus strobus

c) Sugar Maple

Acer saccharum

d) Green Ash

Fraxinus pennsylvanica

e) Incense-Cedar

Calocedrus decurrens

f) Tamarack; *Larix laricina*

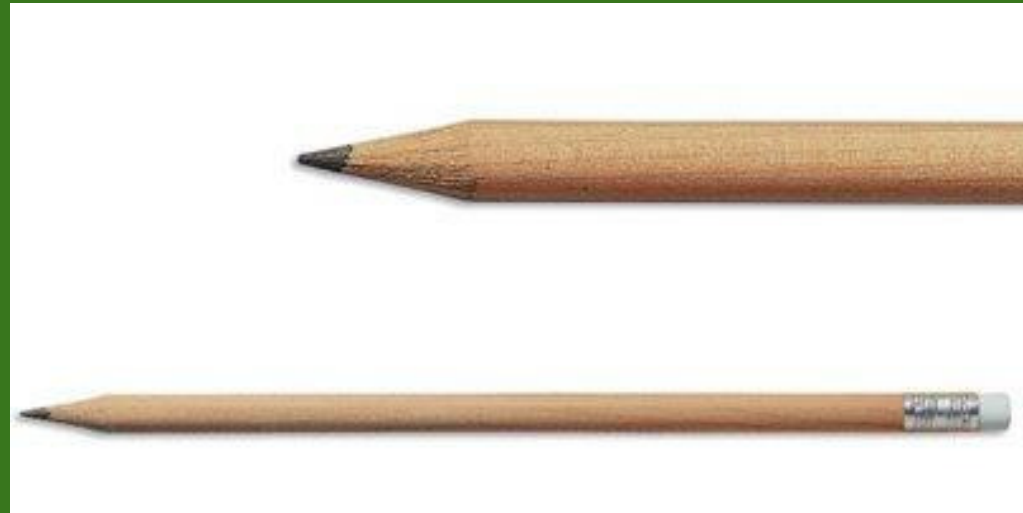


Image 9

Correct Answer:

e) Incense-Cedar, *Calocedrus decurrens*



Image 10

Wooden pencils are generally made of Incense-Cedar.

This wood does not splinter easily and is relatively widely available². The most important attribute of Incense-Cedar is that it is relatively good at dealing with varying humidities and temperatures. This makes the pencils fare well though transported across the globe.

Sources

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2. "Incense-cedar." Studio 602 at Pencils.com.

<http://www.pencils.com/blog/incense-cedar/>

3. Peterson, Jim. "White Pine in Minnesota's Forests"

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Image 1. "Eastern White Pine."

http://philadelphiagreen.files.wordpress.com/2011/01/pinus_strobus_sylvania.jpg.

Image 2. "...and Iowa to the east coast of the United States..."

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Image 3. "Huge Pine Cone."

[http://carlansadventure.files.wordpress.com/2009/07/dsc03038.jpg?w=450&h=337.](http://carlansadventure.files.wordpress.com/2009/07/dsc03038.jpg?w=450&h=337)

Image 4. "Pine Cones."

[http://www.pinetum.org/Lovett/pinecones.htm.](http://www.pinetum.org/Lovett/pinecones.htm)

Image 5. "White Pine Villa."

[http://upstater.net/wp-content/uploads/2012/04/white-pine-villa-1.jpg.](http://upstater.net/wp-content/uploads/2012/04/white-pine-villa-1.jpg)

Image 6. "Here is a newel post carved from a 10' white pine."

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Image 7. “Unfinished Wood Popsicle Sticks.”

http://factorydirectcraft.com/pimages/20050927123011-685354/unfinished_wood_popsicle_sticks_1000pcs.jpg

Image 8. "Today I found out that the Popsicle was..."

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Image 9. “My Next Writing Class.”

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Image 10. “Promotional Natural Color Wood Pencils.”

<http://www.discountgiftpens.com/media/images/normall/promotional-natural-color-wood-pencils-sno-6660-1.jpg>