

“Most of the petrified trees have been given the scientific name *Araucarioxylon arizonicum*.”

<https://www.nps.gov/pefo/learn/nature/petrified-wood.htm>

What kinds of trees were these? They were coniferous trees, tree ferns, and some ginkgoes.

Do the trees found in the park resemble any of the tropical conifers growing in the world today? Some may be related to Araucaroid-like trees (*Araucaria*, Bunya Pine Tree, Monkey Puzzle Tree, Norfolk Island Pine) growing in the southern hemisphere, including Chile and Australia. There are fossil trees that are related to living ginkgos, too.

<https://www.nps.gov/pefo/faqs.htm>

*Araucarioxylon arizonicum* – Knowlton 1888.

[https://repository.si.edu/bitstream/handle/10088/13045/USNMP-11\\_676\\_1888.pdf?sequence=1&isAllowed=y](https://repository.si.edu/bitstream/handle/10088/13045/USNMP-11_676_1888.pdf?sequence=1&isAllowed=y)

But of course the answer is never that simple anymore:

“Thin sections from the three syntypes of *Araucarioxylon arizonicum* Knowlton, 1889 were re-examined and found to be anatomically distinct.”

Wood anatomy of Late Triassic trees in Petrified Forest National Park, Arizona, USA, in relation to *Araucarioxylon arizonicum* Knowlton, 1889 .

<https://www.nps.gov/pefo/upload/savidge-2007-araucarioxylon-revision.pdf>

*Arboramosa semicircumtrachea*, And unusual late Triassic tree in Petrified Forest NP, AZ.

“a fluted wood surface and spirally distributed branch stubs emerging from within fusiform depressions, giving the stem a coarsely braided appearance similar to some modern *Juniperus* trees.”

<https://www.nps.gov/pefo/upload/Savidge-Ash-2006-Arboramosa.pdf>

Also articles about *Araucarioxylon arizonicum*, *Schilderia adamanica*, *Woodworthia arizonica* trees.

Tree ferns also provide an interesting looking “wood”.

Sold as “ponga” on ebay and elsewhere, often as turned objects.

<https://www.google.com/search?q=ponga+tree+fern+wood&tbm=isch&tbo=u&source=univ&sa=X&ved=0ahUKEwjg-zRxsDTAahVCPCYKHQOGDscQsAQIJA&biw=1647&bih=954>