







# In Celebration of Trees



## Welcome

### Welcome to In Celebration of Trees!

Follow my Expedition Blog and you will be able to receive updates with photos and video clips of an amazing tree climbing expedition being led by David Milarch and Archangel Ancient Tree Archive from May 21-28, 2016. I will be their guest as they travel to California to collect and archive the genetics of some of the oldest, largest, and perhaps most important trees on earth – the coast redwoods and giant sequoias. This should be an exciting journey! I hope you can come along.

Also see below and check out my Sources of Inspiration pages to hear about people who have accomplished amazing things in planting trees to combat climate change.

Philip Stielstra

Sources of Inspiration calls out some of my heroes that have done so much to reverse the trend of tree loss on this planet. You will find stories, photos, videos and links to many

## Blog links

- > Welcome
- > Expedition Blog
  - May 21
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    - > Pics & Clips from 200 ft up
- : May 23
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- Video clips from the Stagg tree
- May 25 & 26
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- > How Cuttings Become Trees
- > Planting Archangel Trees
- > Inspiring Action
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Gathering cuttings from the outer tips of the branches













Inspecting the cuttings at the Archangel lab in Copemish, Michigan.



Cuttings are washed in a tissue-friendly disinfectant for about 10 minutes and then the best tips are selected for planting.



Then the cuttings are dipped in a hormone concentration to stimulate root growth and placed into a rooting cube.



Many flats with 72 plants each will turn cuttings into trees with the same genetics as the tree they were cut from.



Tissue culture is another method of propagation using smaller tips. Look closely at the image on the right. The little tree in there, from a genetic standpoint, is over 3000 years old. That's amazing!



Once the plantlets are in their tissue culture vessels, they are put under special spectrum lighting.



There are over 2,000 clones in the Archangel nursery that are sapling size and ready for planting.



The first Archangel champion coast redwood clone being planted at Ocean Mountain Ranch south of Port Orford, Oregon on Dec 4, 2012.



