

PROPOSED PLANTINGS LOCATED IN THE NORTHEAST SECTION OF KLEINSTUCK

~~At~~ Plantings begun May 6
Record of Plantings thru
June 15, 1965

- 1 ALABAMA-
- 2 LONG LEAF PINE, CAMELIA
- 5 CALIFORNIA- REDWOOD,
GOLDEN POPPY 4 pks. +
perennial poppy
- 7 CONNECTICUT- WHITE OAK, *old tree*
MOUNTAIN LAUREL - 2

- 12 IDAHO-WHITE PINE, -1
LEWIS MOCKORANGE 3+
- 13 ILLINOIS- BURR OAK,
BUTTERFLY VIOLET - 3 flats
- 15 IOWA- OAK, -old one
WILD PRAIRE ROSE - 6

- 2 ALASKA- SITKA SPRUCE,
FOR GET ME NOT - 6 flats
- 3 ARIZONA- FOOT HILL PALO VERRE,
SAGUARD CACTUS
- 4 ARKANSAS- SHORT LEAF PINE,
APPLE BLOSSOM 3 trees
- 6 COLORADO-BLUE SPRUCE, -3
BLUE COLUMBINE - 4
- 8 DELAWARE- AMERICAN HOLLY,
PEACH BLOSSOM - 3 trees
- 9 FLORIDA- CABBAGE PALMETTO,
ORANGE BLOSSOM - 1
- 10 GEORGIA-LIVE OAK,
CHEROKEE ROSE
- 11 HAWII-
CANDLENUT,
HIBISCUS - 1 doz.

- 16 KANSAS- COTTONWOOD, -3
SUNFLOWER - seed 1 pkb
- 18 LOUISIANA-
MAGNOLIA - 1
- 23 MINNESOTA- RED PINE,
LADY SLIPPER
- 24 MISSISSIPPI-
MAGNOLIA, - 2
MAGNOLIA

- 14 INDIANA-TULP POPLAR, -3
PEONY (ZINNIA) - seeds
- 17 KENTUCKY- TULP TREE, - 1
GOLDEN ROD - seed 1 pkb
- 19 MAINE- EASTERN WHITE PINE, - 1
PINE CONE TASSEL

- 20 MARYLAND- WHITE OAK,
BLACK EYED SUSAN 6 +
- 21 MASSACHUSETTS- ELM,
TRAILING ARBUTUS

- 22 MICHIGAN-
WHITE PINE - 1
APPLE
BLOSSOM
- 26 MONTANA- POKEROSA
PINE, LEWIS BITTER
ROOT
- 29 NEW HAMPSHIRE-WHITE -3
BIRCH, PURPLE LILAC -3
- 30 NEW JERSEY- RED OAK,
PURPLE VIOLET - 3 flats
- 33 N. CAROLINA-
DOGWOOD - 3

- 25 MISSOURI- DOGWOOD,
HAWTHORN - 3

- 36 OKLAHOMA- REDBUD, - 4
MISTLETOE
- 37 OREGON- DOUGLAS FIR, - 7
OREGON GRAPE - 9
- 39 RHODE ISLAND-
3 RED MAPLE, VIOLET - flat
- 40 S. CAROLINA-CABBAGE PALMETTO,
YELLOW LASMINE
- 41 S. DAKOTA-BLACKHILLS - 3
SPRUCE, PASQUE FLOWER
- 45 VERMONT-SUGAR MAPLE, 3
RED CLOVER - seeds
- 48 W. VIRGINIA-SUGAR MAPLE, - 1
ROSEBAY RHODODENDRON - 2
- 49 WISCONSIN- SUGAR MAPLE, 1
WOOD VIOLET 2 flats
side's root

- 27 NEBRASKA- ELM, - 1
GOLDENROD - seed
- 31 NEW MEXICO-
PINON PINE, YUCCA - 6
- 28 NEVADA- PINON PINE,
SAGEBRUSH - 4 clumps
- 32 NEW YORK-SUGAR MAPLE, - 6
WILD ROSE 6+
- 34 N. DAKOTA-ELM, - 6
PRAIRIE ROSE - 6
- 35 OHIO-BUCKEYE, - 3
SCARLET CARNATION - 2 flats
- 38 PENN. - 42 TENNESSEE-
HEMLOCK, 2 TULP POPLAR, 4
MT. LAUREL 1 IRIS - 12

- 44 UTAH- 43 TEXAS-
BLUE SPRUCE, PECAN,
SEGO LILY BLUE BONNET ?
- 46 VIRGINIA-DOGWOOD, 2
AMERICAN DOGWOOD
- 47 WASHINGTON-
WESTERN HEMLOCK,
GRAY RHODODENDRON
- 50 WYOMING-
COTYONWOOD, - 6
LILIAN
PAINTBRUSH

List of State Trees and Flowers
 taken from World Almanac and from A traveller's Guide to
 Roadside Wild Flowers, Shrubs and Trees of the U. S.
 by Kathryn Sears Taylor

Alabama	2 Long Leaf Pine (tip dead)	6 flats	Camelia	pg. 73	Taylor
Alaska	Sitka Spruce		7 Forget-me-not about 4 clumps		
Arizona	Foot Hill Palo verde		Saguaro Cactus	pg. 75	Taylor
Arkansas	Short Leaf Pine 1 OK	2 need pruning	7.3 Apple blossom	Kinder garden	pg. 77
California	Redwood		4 pkp Golden poppy + perennial poppy	pg. 79	Taylor
Colorado	3 Blue Spruce 1 stolen 1 OK	1 tip dead	4 Blue Columbine 1	"	81
Connecticut	White oak - old tree		2 Mountain laurel OK	"	83
Delaware	American Holly		3 Peach blossom 1st Grade	"	85
Florida	Cabbage Palmetto		1 Orange Blossom	1 dead 1 OK	89
Georgia	Live Oak		Cherokee Rose	"	91
Hawaii	Cocoanut '62		Candlenut '64	Hibiscus 1 doz	0
Idaho	1 White Pine dead		3+ Lewis Mockorange OK	"	93
Illinois	Bur oak		3 flats Butterfly violet - some	"	95
Indiana	3 Tulip poplar 2 OK	seed	Peony (Zinnia) Taylor	"	97
Iowa	Oak old one		6 Wild prairie rose 1	"	99
Kansas	3 Cottonwood OK	seed pkp	Sunflower	"	101
Kentucky	1 Tulip tree 0	seed pkp	Golden rod	"	103
Louisiana			1 Magnolia 2nd Grade 0	"	105
Maine	1 Eastern White pine top dead		Pine cone tassel	"	107
Maryland	White oak		6+ Black eyed Susan ?	"	109
Massachusetts	American Elm		Trailing Arbutus	"	111
Michigan	1 White pine OK - needs spraying		Apple blossom	"	113
Minnesota	Red pine		Lady Slipper	"	115
Mississippi	2 Magnolia 3rd Gr. (stolen this wk holes fresh)		Magnolia	"	117
Missouri	Dogwood		3 Hawthorn - 4th Grade old	"	119
Montana	Ponderosa pine		Lewis Bitterroot	"	121
Nebraska	1 Elm OK	seed	Goldenrod	"	123
Nevada	Pinon pine		Sagebrush	"	125
New Hampshire	3 White paper birch 1 clump		3 Purple lilac 0	"	127
New Jersey	Red Oak		3 flats Purple violet	"	129
New Mexico	Pinon Pine		6 Yucca 6 OK	"	131
New York	6 Sugar maple 0 ?		6+ Wild rose 2 OK	"	133
North Carolina			3 Dogwood - 5th Grade 1 OK 1 stolen ?	"	135
North Dakota	6 Elm 0		6? Prairie rose - 6th Grade 0 OK	"	137
Ohio	3 Ohio buckeye 1 OK	2 flats	Scarlet carnation 2	"	139
Oklahoma	4 Redbud 2 ?		Mistletoe	"	141
Oregon	7 Douglas fir 4 (1 top dead)		9 Oregon grape 5	"	143
Pennsylvania	2 Hemlock OK		1 Mt. Laurel OK	"	145
Rhode Island	3 Red maple OK	flat	Violet OK	"	147
South Carolina	Cabbage palmetto		Yellow Jasmine	"	149
S. Dakota	3 Black Hills Spruce 1		Pasque flower	"	151
Tennessee	1# Tulip poplar - top broken many		Iris OK	"	153
Texas	Pecan 1-1966		? Blue bonnet	"	155
Utah	Blue Spruce		Nego lily	"	157
Vermont	3 Sugar maple 0	seed	Red clover	"	159
Virginia	2 Dogwood 1 OK (1 dead)		American dogwood	"	161
Washington	Western Hemlock		Coast Rhododendron	"	163
West Virginia	1 Sugar maple - rabbit chewed		2 Rosebay Rhododendron OK	"	165
Wisconsin	1 Sugar maple 0	2 flats	Wood Violet 1st Grade ?	"	167
Wyoming	6 Cottonwood (Balsam Poplar)		Indian paintbrush	"	169
Washington D.C.	Scarlet Oak		American Beauty Rose	"	87

vandalism here

Trees purchased from Cliff Walters (see his file)

Black = Inventory 1 yr. later
Apr. 1966

*State Gardens -
Fall Report '66*

**KLEINSTUCK
STATE GARDENS**

**Bonnie De Witt
Linda Hayner**

Dr. Bartoo

**Miss Fuller
Outdoor Science
December 8, 1966**

*very good work
HAB.*

cc Dr. Bartoo

Fall '66

Reinstuck

Bonnie and I were introduced to the State Gardens by Dr. Bart~~el~~ one Tuesday afternoon. She pointed out the different plants and gave an outline of what she would like us to do. The following is what we did do in carrying out her instructions.

October 1- We did some general weeding, transplanted Black-Eyed Susans into Maryland; transplanted Goldenrod in Nebraska, and a cottonwood in Wyoming. Pokeberry and Stinging Nettle were cleaned out at the north end of the gardens. There had been five White ~~Pines~~ planted in Alaska instead of the Sitka Spruce which do not seem to grow well in this area.

October 8- Today we peated the Camellias and fastened plastic bags over them to see how they would hold up under fall rain and wind. Our concentration was on pulling nettle and thistle today. To close off the paths which are not to be used, we rearranged logs and set them across these paths. We also spent some time straightening out the path. The Red Pines in Minnesota do not seem to be doing very well. One is dead and I pruned it back in hopes that any life would be coaxed into new branches; In Minnesota *New Hampshire* we began clearing out the underbrush from the Lilacs.

October 15- We found the plastic sacks were no good especially if tied directly to the plants because the wind caught them and pulled the plants up by the roots. We removed the rest of the sacks and recovered the Camellias with pine needles and branches. We cleaned out the rock pile and pulled Pokeberry and Thistle by Wyoming and Washington.

October 18- Camellias were given more peat along with the Rhododendron in West Virginia, the Pecan Trees in Texas, the living Red Pine in Minnesota, the two Live Oaks in Georgia, and the Orange Blossom in Delaware. Redwoods were planted in three places in California and noted a disease on the Live Oak. There are holes in the leaves and brown spots on them. Eight inches have been broken off the top of the Black Hills Spruce in South Dakota. The Camellias were recovered, and the Live Oaks were also covered.

We planted eight Segoe Lily seeds in Utah, and Pigweed in Montana. Pulled more thistle.

October 25- We planted Sitka Spruce in Alaska and marked with a small stake. They were planted under the logs at the front of the state so these logs should not be moved. We also marked where we had planted the Redwoods previously. The plants that had been covered were checked, especially the top buds on the Camelias which Dr. Barto thought might freeze. None showed signs of freezing or rot and were firm and light green.

October 30- All covered plants were OK. The Texas Pecan Trees are losing their small branches as well as their leaves. There is no further sign of disease on the Live Oaks. We could only find one Idaho White Pine which was doing well. The Orange Blossom should be trimmed back for the winter. The transplanted Cottonwood in Wyoming is still green and flexible though it has lost all leaves and branches. The water in the swamp is now about 6"-8" deep all the way around.

November 1- We seeded the Long Leaf Pine under the back log in Alabama, so this log should not be moved. Peat was put under the confiders in Oregon. Weeding was done in Michigan and the flower and tree checked. The pine looks dry and brittle, but we could find no dead branches.

November 8- Greenhouse Work- Twenty-five Western Hemlocks were planted for Washington, seven Long Leaf Pines for Alabama, twenty Short Leaf Pines for Arkansas, and twenty Sitka Spruce for Alaska from the 1962 seed collection. Also planted were three Burr Oak Acorns from the East Campus Burr Oaks. We used one part vermiculite and one part top soil in a plastic tray and watered well.

November 12- Took pine needles and branches away from the Camelias and recovered with plastic garbage bags held by four stakes set around the plants. Pine needles and branches were replaced. Someone has broken the top of a Live Oak off. Also the ^(Alabama) Camelias were sprayed with Wilt-proof.

November 15- Planted young Burr Oak from East Campus in Illinois. We planted Goldenrod seed in Nebraska and Kentucky. Checked the Redwood plantings. One may have sprouted but we could not tell for sure.

Below are some of the things we noticed as we worked which have not been mentioned above. They are just general comments on things we noticed and thought should be brought to your attention.

Alaska-The Forget-Me-Nots are spreading well and are taking over ground from the weeds.

Arkansas-Apple Blossom is doing well.

Colorado-Blue Columbine is continuing to grow nicely.

Florida-Orange Blossom has been cut back and covered and is green and very healthy looking.

Delaware-This state still has not been planted. I do not believe Dr. Barto has these seeds yet.

Idaho-We located the second White Pine and suggest the Lewis Mockorange be cut back to give these little trees more growing room.

Illinois-Floor of the state is covered with the Butterfly Violets

Iowa-This ^{area} ^{was planted last year with roses - about 25} has not been planted because it is still used as a path by hikers.

Louisiana-The Bald Cypress ^{USB} has dropped its needles; the Magnolias are doing well. The roots have been covered with pine needles and branches but the whole plant has not been covered because of its size.

Minnesota-One of the Red Pines in this state is dead.

Mississippi-These Magnolias are doing fine and have been treated as those in Louisiana.

Indiana-Tulip Poplar and Zinnias doing very well. The Zinnias were still in bloom on October 1, when Bonnie and I started our work.

Maine-The Eastern White Pines are doing very well.

Michigan-Our trees do not look very good. The Apple tree is small and lacks small branches; the White Pine is very dry with many brown needles.

New Hampshire-The Purple Lilacs looked nice though one appeared to have been hit by the frost a little.

Oklahoma-~~Holly has been planted here instead of (Mistletoe.)~~ ^{state tree - Red Bud} ^{state flower mistletoe}

South Dakota-As of November 15, there was no disease showing on the broken spruce. We lacked the necessary means of covering the break on the branch. This should be done as soon as possible or at least before the sap begins flowing again next spring.

Vermont, West Virginia, Wisconsin-Sugar Maples doing very well.

West Virginia-Rosebay Rhododendron doing very well. These plants were covered at the roots with pine needles and branches but were not completely covered because of their size.

Nebraska-The Elm does not look well, it is dry and brittle. The transplanted Goldenrod went to seed very well. With the addition of the seed on November 15, that corner should look quite nice next summer.

Nevada-The sage ^{brush} which was transplanted from the greenhouse looks good though part of it has died. It is spreading.

New Mexico-We see no reason for planting more Yucca as what is there is doing very well

New York, North Dakota, Both rose plants ^{tree - maple?} doing very well. The Wild Roses have not flowered but the bushes look healthy. The Prarie Roses have bloomed and were in bloom during October.

Ohio-The Carnations are growing nicely. These plants were not completely covered, and extensive weeding was done in the bed. ^{tree - bushes & doing well}

Pennsylvania-This corner looks very nice and the plants healthy.

Tennessee-The Iris have fallen back as they should for fall weather and look good.

Texas-The Pecan Trees should be looked at. They are dry and brittle and as was mentioned before are losing not only their leaves but their branches. Could these trees be choked out by the surrounding shrubs? If so, these shrubs should be cleared away as they are right by the trees.

Greenhouse-The greenhouse plants have been checked at least every other day for water. We have had no sprouts as yet. Both Bonnie and I feel the fellows who water the plants in the greenhouse may be giving our tray too much.

While we worked out at Kleinstuck we noticed many other things going on around us that were not connected with the gardens. We found a small tree squirrel and its winter home. The large tree in back of Arizona with the hole about 15-20' feet off the ground is its home.

We uncovered quite a few underground dens underneath the leaf cover at the base of bushes. The dirt had been disturbed around the openings showing that something was using at least some of them.

One Sunday my roommate and I ran across a small rabbit. It hopped off through the pine stand near the State Gardens.

We have been especially interested in the different types of fungus and mold in Kleinstuck. We found several types of gill mushrooms in the garden, and shelf fungus on the trees. Also an orange cup fungus was very plentiful and parts of the floor were covered with it.

We found many people walking through Kleinstuck just for a walk. A group of school children were out one Saturday morning looking for tadpoles and minnows in the swamp. They had been quite successful. Another group was out looking for snakes.

Also we heard shots being fired at least twice while working out there and think it very possibly could have been on the reserve since there is much evidence of small game all around.

Bonnie and I have certainly enjoyed our work at Kleinstuck and have learned much about the animals that live in this kind of habitat besides learning much about the plants that live in the garden. We took time out one morning to walk off the paths in a stand of pines and deciduous trees and had fun trying to name some plants we knew and some we had never seen before. We both feel that our time was well spent

and very worthwhile.

We certainly wish to thank Gary Rudolph for his help with the heavy work and for providing our transportation often at inconvenience to himself.

Also we would have liked to work more closely with Dr. Bart~~el~~ but realize her busy schedule did not permit this. Perhaps our effeciency could have been improved in our care of the plants if we had been able to contact her more frequently.