

Lake Hefner Planting Design Palette
Audubon Hefner Habitat Restoration Installation, Phase 1
Designer: Johnson Bridgwater

	<u>QUANTITY</u>	<u>DESIRED SIZE</u>
1) Bur Oak (<i>Quercus macrocarpa</i>)	3	2" cal
Chinquapin Oak (<i>Q. Muehlenbergii</i>)	3	2" cal
Shumard Oak (<i>Q. shumardii</i>)	3	2" cal
2) Red Mulberry (<i>Morus rubra</i>)	2	2" cal
3) Common Hackberry (<i>Celtis occidentalis</i>)	2	2" cal
4) Eastern Red Cedar (<i>Juniperus virginiana</i>)	5	2" cal
5) Common blackberry (<i>Rubus sp.</i>)	3	#1 or #5
6) Oklahoma Redbud (<i>Cercis reniformis</i> 'Oklahoma')	3	2" cal
7) American Elm (<i>Ulmus americana</i>)	2	2" cal
Cedar Elm (<i>U. crassifolia</i>)	2	2" cal
8) Serviceberry (<i>Amelanchier arborea</i>)	2	2" cal
9) Clove Currant (<i>Ribes odoratum</i>)	3	#1 or #5
10) Fragrant Sumac (<i>Rhus aromatica</i>)	3	#1 or #5
11) Prairie Rose (<i>Rosa setigera</i>)	3	#1 or #5
12) <i>Deciduous Holly</i> (<i>Ilex decidua</i> 'Escort')	3	#10
(female cultivar)	1	#10
13) Downy Hawthorn (<i>Crataegus mollis</i>)	2	2" cal
14) Sugar Maple (<i>Acer saccharum</i> 'Caddo')	2	2" cal
15) Chittimwood (<i>Bumelia lanuginosa</i>)	2	2" cal
16) Western Soapberry (<i>Sapindus drummondii</i>)	2	2" cal

All of these species are native, and they all rank high in two categories critical to the success of the project—“attractive to birds” and “suitability for central Oklahoma without permanent irrigation.”

At least one specimen of each species planted on the project is to be tagged with a label that will allow visitors to identify specimens by name, use, and growth habit so that they may take that knowledge away with them from the site. Our hope is to have homeowners begin using these species in their own gardens.

All of the plant material is available in Oklahoma at this time. Trees will go in as 1"- 2" caliper (no larger), and shrubs at either #1 or #5 container size. All material will be fitted with both mulch and a Treegator. A water schedule will be developed once the design is finalized to assure weekly watering starting the first weekend of June 1st, 2008. However, rainfall will be monitored to determine true start date— supplemental watering may need to start prior to June 1 depending on precipitation.

Trees should be fitted with at least one full-size Treegator, while each shrub should be fitted with one Junior Gator. This would provide a minimum of 20 gallons per tree and 13 gallons per shrub per week during dry periods. Two Treegators can be zipped together to provide 40 gallons per tree if needed.

It may be necessary to stake larger tree specimens– but if not needed, **AVOID STAKING TREES**. If staking is required, use two stakes placed outside the rootball zone (one on the east side of the specimen and one on the west side of the specimen), and use nylon stockings to hold the tree in place. **CHECK ALL STAKED TREES EVERY WEEK** for signs of wear/ rubbing.

Each specimen should be mulched and kept grass-free around the base to avoid weed-eater damage and to conserve moisture. If using Round-Up to kill out the grass, use a spray-guard around the spraying tip to prevent drift. A spray-guard can be made out of a 2-liter soda bottle and attached to the spray wand.