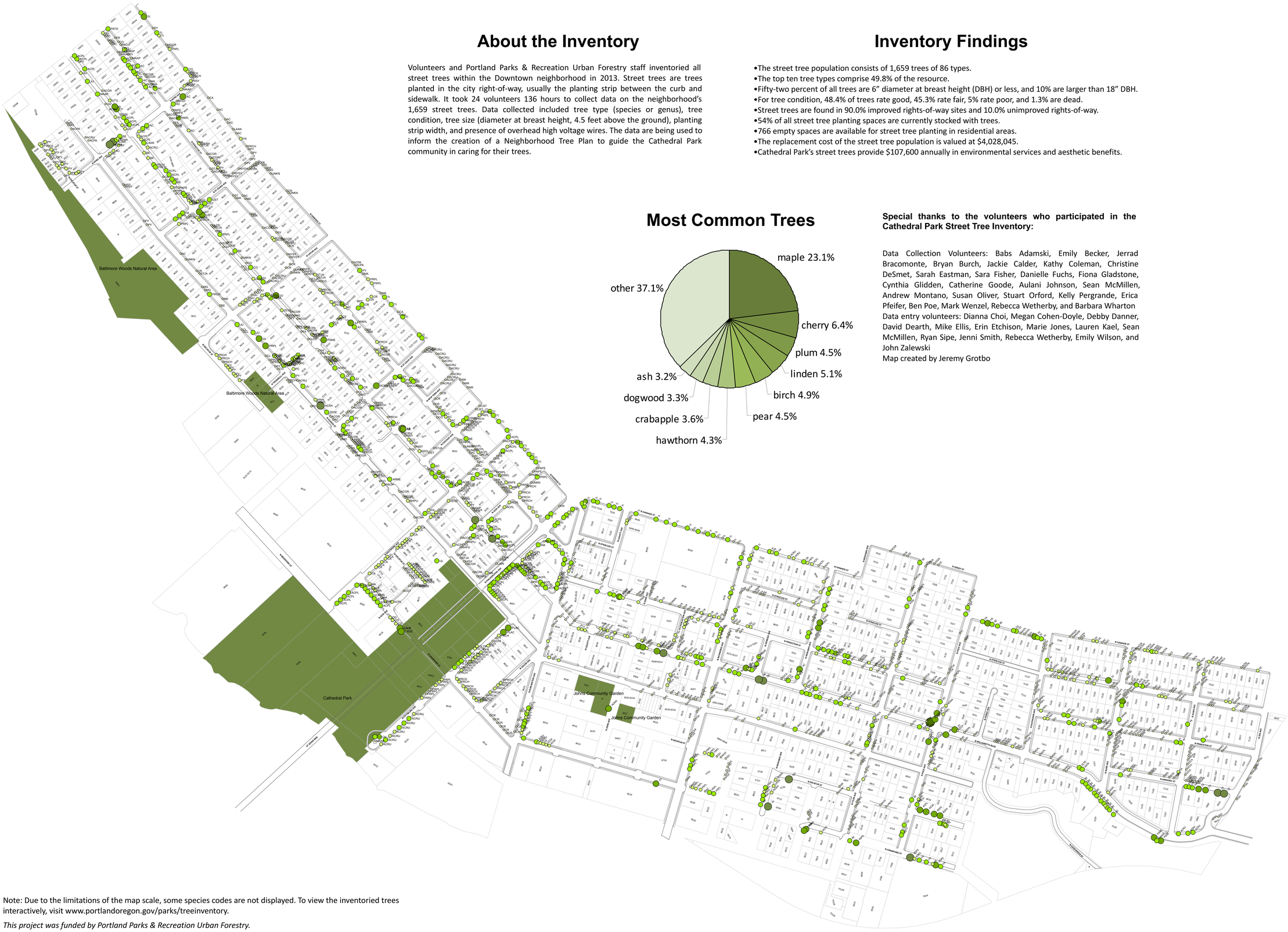
Cathedral Park Street Tree Inventory 2013



About the Inventory

Volunteers and Portland Parks & Recreation Urban Forestry staff inventoried all street trees within the Downtown neighborhood in 2013. Street trees are trees planted in the city right-of-way, usually the planting strip between the curb and sidewalk. It took 24 volunteers 136 hours to collect data on the neighborhood's 1,659 street trees. Data collected included tree type (species or genus), tree condition, tree size (diameter at breast height, 4.5 feet above the ground), planting strip width, and presence of overhead high voltage wires. The data are being used to inform the creation of a Neighborhood Tree Plan to guide the Cathedral Park community in caring for their trees.

Inventory Findings

- The street tree population consists of 1,659 trees of 86 types.
- The top ten tree types comprise 49.8% of the resource.
- Fifty-two percent of all trees are 6" diameter at breast height (DBH) or less, and 10% are larger than 18" DBH.
- For tree condition, 48.4% of trees rate good, 45.3% rate fair, 5% rate poor, and 1.3% are dead.
- Street trees are found in 90.0% improved rights-of-way sites and 10.0% unimproved rights-of-way.
- 54% of all street tree planting spaces are currently stocked with trees.
- 766 empty spaces are available for street tree planting in residential areas.
- The replacement cost of the street tree population is valued at $4,028,045.
- Cathedral Park's street trees provide $107,600 annually in environmental services and aesthetic benefits.

Most Common Trees

Special thanks to the volunteers who participated in the Cathedral Park Street Tree Inventory:

Data Collection Volunteers: Babs Adamski, Emily Becker, Jerrad Bracomonte, Bryan Burch, Jackie Calder, Kathy Coleman, Christine DeSmet, Sarah Eastman, Sara Fisher, Danielle Fuchs, Fiona Gladstone, Cynthia Glidden, Catherine Goode, Aulani Johnson, Sean McMillen, Andrew Montano, Susan Oliver, Stuart Orford, Kelly Pergrande, Erica Pfeifer, Ben Poe, Mark Wenzel, Rebecca Wetherby, and Barbara Wharton
Data entry volunteers: Dianna Choi, Megan Cohen-Doyle, Debby Danner, David Dearth, Mike Ellis, Erin Etchison, Marie Jones, Lauren Kael, Sean McMillen, Ryan Sipe, Jenni Smith, Rebecca Wetherby, Emily Wilson, and John Zalewski
Map created by Jeremy Grotbo

Trees by Size

Diameter at Breast Height (4.5 feet) in inches:

- 0.0 - 6.0
- 6.1 - 12.0
- 12.1 - 24.0
- 24.1 - 36.0
- 36.1 - 48.0
- 48.1 - 55.0

Species Codes

Species Code	Scientific Name	Common
AB	*Abies spp.*	fir
AC	*Acer spp.*	maple
ACGR	*Acer grseum*	maple, paperbark
ACMA	*Acer macrophyllum*	maple, bigleaf
ACNE	*Acer negundo*	boxelder
ACPA	*Acer palmatum*	maple, japanese
ACPL	*Acer platanoides*	maple, Norway
ACRU	*Acer rubrum*	maple, red
ACSA	*Acer saccharinum*	maple, silver
AE	*Aesculus spp.*	horsechestnut
AL	*Alnus spp.*	alder
ALJU	*Albizia julibrissin*	mimosa tree
AM	*Amelanchier spp.*	serviceberry
ARME	*Arbutus menziesii*	madrone
BE	*Betula spp.*	birch
CA	*Carpinus spp.*	hornbeam
CADE	*Calocedrus decurrens*	incense cedar
CE	*Cedrus spp.*	cedar
CECA	*Cercis canadensis*	redbud
CEJA	*Cercidiphyllum japonicum*	katsura
CH	*Chamaecyparis spp.*	cypress
CHRE	*Chionanthus retusus*	Chinese fringe tree
CL	*Clerodendron spp.*	glorybower
CLLU	*Cladrastis lutea*	yellow wood
CO	*Cornus spp.*	dogwood
CR	*Crataegus spp.*	hawthorn
CS	*Castanea spp.*	chestnut
CT	*Cotinus spp.*	smoketree
CULA	*Cunninghamia lanceolata*	China fir
CY	*Corylus spp.*	hazelnut
DIVI	*Diospyros spp.*	persimmon
EU	*Eucalyptus spp.*	eucalyptus
FA	*Fagus spp.*	beech
FI	*Ficus spp.*	fig
FR	*Fraxinus spp.*	ash
GIBI	*Ginkgo biloba*	ginkgo
GLTR	*Gleditsia triacanthos*	locust honey
GYDI	*Gymnocladus dioica*	Kentucky coffeetree
HIRH	*Hippophae rhamnoides*	seaberry
HISY	*Hibiscus syriacus*	rose of Sharon
IL	*Ilex spp.*	holly
JN	*Juniperus spp.*	juniper
LIST	*Liquidambar styraciflua*	sweetgum
LITU	*Liriodendron tulipifera*	tulip poplar
MA	*Malus spp.*	crabapple
MAAM	*Maackia amurensis*	amur maackia
MAAP	*Malus domestica*	apple
MG	*Magnolia spp.*	magnolia
MGGR	*Magnolia grandiflora*	magnolia, southern
MO	*Morus spp.*	mulberry
NYSY	*Nyssa sylvatica*	tupelo
PAPE	*Parrotia persica*	persian ironwood
PATO	*Paulownia tomentosa*	empress tree
PC	*Picea spp.*	spruce
PI	*Pinus spp.*	pine
PLAC	*Platanus acerifolia*	London plane
PLOC	*Platanus occidentalis*	American sycamore
PO	*Populus spp.*	poplar
PR	*Prunus spp.*	Prunus, other
PRCH	*Prunus spp.*	cherry
PRPL	*Prunus spp.*	plum
PSME	*Pseudotsuga menziesii*	douglas-fir
PY	*Pyrus spp.*	pear
QU	*Quercus spp.*	oak
RH	*Rhus spp.*	sumac
RHPU	*Rhamnus purshiana*	cascara
ROPS	*Robinia pseudoacacia*	black locust
SA	*Salix spp.*	willow
SB	*Sambucus spp.*	elderberry
SESE	*Sequoia sempervirens*	redwood
SO	*Sorbus spp.*	mountain ash
SOJA	*Sophora japonica*	pagoda tree
ST	*Stewartia pseudocamellia*	stewartia
STJA	*Styrax spp.*	snowbell
SY	*Syringa reticulata*	lilac tree
TA	*Taxus spp.*	yew
THAR	*Thuja arborvitae*	arborvitae
TI	*Tilia spp.*	linden
TR	*Trachycarpus spp.*	palm
UL	*Ulmus spp.*	elm
UMCA	*Umbellularia californica*	myrtlewood
ZESE	*Zelkova serrata*	zelkova

N

500

Feet

Note: Due to the limitations of the map scale, some species codes are not displayed. To view the inventoried trees interactively, visit www.portlandoregon.gov/parks/treeinventory.

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PORTLAND PARKS & RECREATION

Healthy Parks, Healthy Portland
http://.portlandoregon.gov/parks/treeinventory