

CENTRAL OREGON
community college

COCC ARBORETUM TOUR



CENTRAL OREGON COMMUNITY COLLEGE

welcomes you to the campus arboretum tour!

During this walking tour, you will find botanical treasures gathered from near and far for your education, research and enjoyment. The COCC Arboretum includes a unique collection of flowering trees and shrubs as well as evergreen, coniferous trees native to the High Desert. Tree markers include information about the natural history of each species and tree identification techniques. Bring a friend and come often to enjoy the trees, exquisite mountain views, and native wildlife of the COCC Arboretum.

Due to the terrain of the campus, each walking tour has stairs and some elevation gain or loss. The Lower Campus tour provides a short and easy walk of about one mile. Allow approximately one hour of walking time for this section. The Upper Campus tour includes more elevation gain for a moderately difficult walk of about one mile. Allow about one and a half hours to complete this portion of the tour.

WHAT IS AN ARBORETUM?

"A designated collection of trees and other woody plants that are made available for education, scientific research, ornamental and even artistic endeavors."

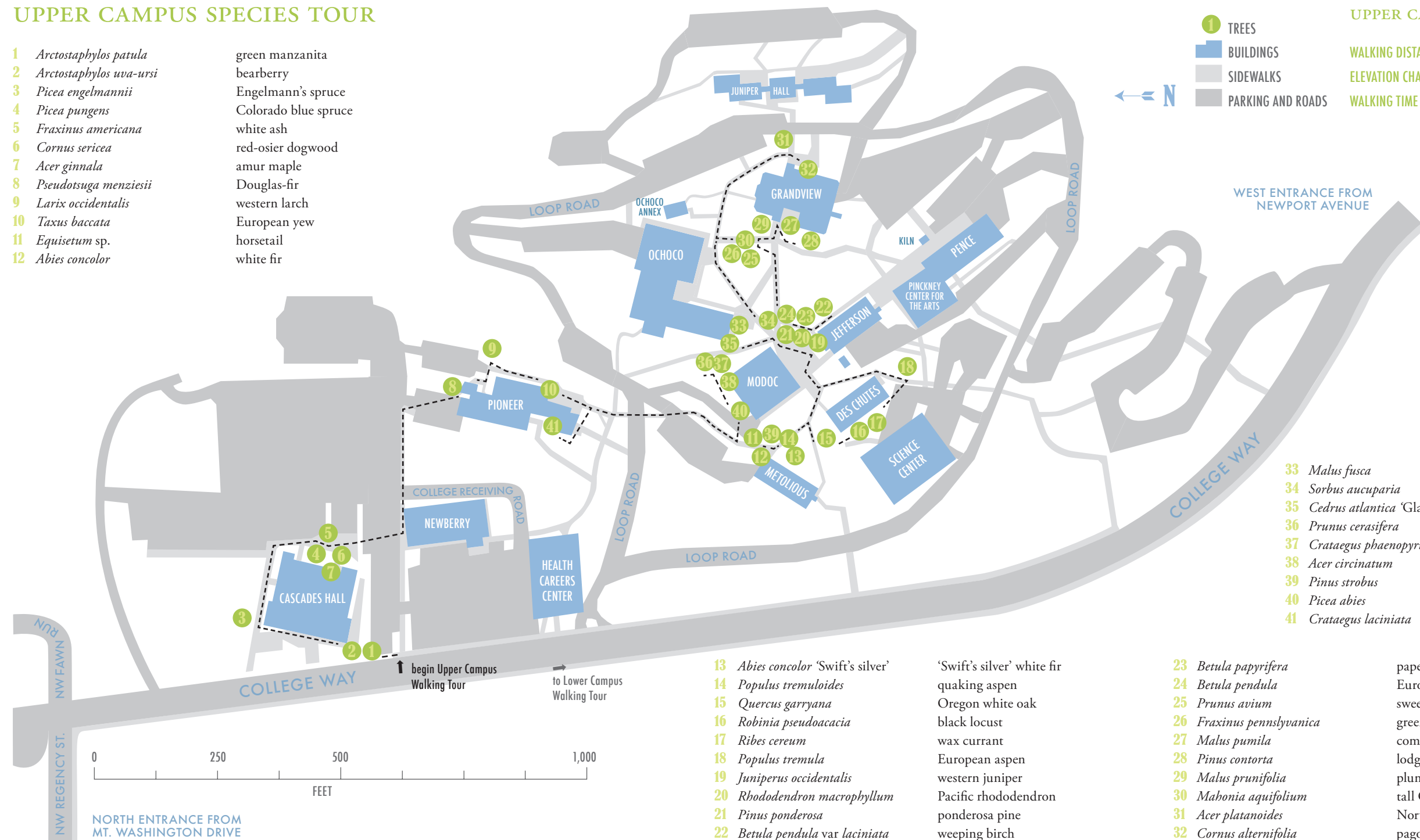
How will you enjoy the arboretum today?

BEST VIEWING TIME OF YEAR

Evergreen trees and shrubs can be viewed at any time of year and offer a great opportunity for winter botanizing for avid tree enthusiasts. To see the flowering trees in their full glory, visit the Arboretum April through September.

UPPER CAMPUS SPECIES TOUR

- | | | |
|----|--------------------------------|----------------------|
| 1 | <i>Arctostaphylos patula</i> | green manzanita |
| 2 | <i>Arctostaphylos uva-ursi</i> | bearberry |
| 3 | <i>Picea engelmannii</i> | Engelmann's spruce |
| 4 | <i>Picea pungens</i> | Colorado blue spruce |
| 5 | <i>Fraxinus americana</i> | white ash |
| 6 | <i>Cornus sericea</i> | red-osier dogwood |
| 7 | <i>Acer ginnala</i> | amur maple |
| 8 | <i>Pseudotsuga menziesii</i> | Douglas-fir |
| 9 | <i>Larix occidentalis</i> | western larch |
| 10 | <i>Taxus baccata</i> | European yew |
| 11 | <i>Equisetum</i> sp. | horsetail |
| 12 | <i>Abies concolor</i> | white fir |



UPPER CAMPUS WALKING TOUR
estimates
 WALKING DISTANCE 1 MILE
 ELEVATION CHANGE 190 FEET
 WALKING TIME 1½ HOUR
 TOUR ROUTE -----



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|----|--|----------------------------|
| 13 | <i>Abies concolor</i> 'Swift's silver' | 'Swift's silver' white fir |
| 14 | <i>Populus tremuloides</i> | quaking aspen |
| 15 | <i>Quercus garryana</i> | Oregon white oak |
| 16 | <i>Robinia pseudoacacia</i> | black locust |
| 17 | <i>Ribes cereum</i> | wax currant |
| 18 | <i>Populus tremula</i> | European aspen |
| 19 | <i>Juniperus occidentalis</i> | western juniper |
| 20 | <i>Rhododendron macrophyllum</i> | Pacific rhododendron |
| 21 | <i>Pinus ponderosa</i> | ponderosa pine |
| 22 | <i>Betula pendula</i> var <i>laciniata</i> | weeping birch |

- | | | |
|----|-------------------------------|--------------------|
| 23 | <i>Betula papyrifera</i> | paper birch |
| 24 | <i>Betula pendula</i> | European birch |
| 25 | <i>Prunus avium</i> | sweet cherry |
| 26 | <i>Fraxinus pennsylvanica</i> | green ash |
| 27 | <i>Malus pumila</i> | common apple |
| 28 | <i>Pinus contorta</i> | lodgepole pine |
| 29 | <i>Malus prunifolia</i> | plumleaf crabapple |
| 30 | <i>Mabonia aquifolium</i> | tall Oregon-grape |
| 31 | <i>Acer platanoides</i> | Norway maple |
| 32 | <i>Cornus alternifolia</i> | pagoda dogwood |

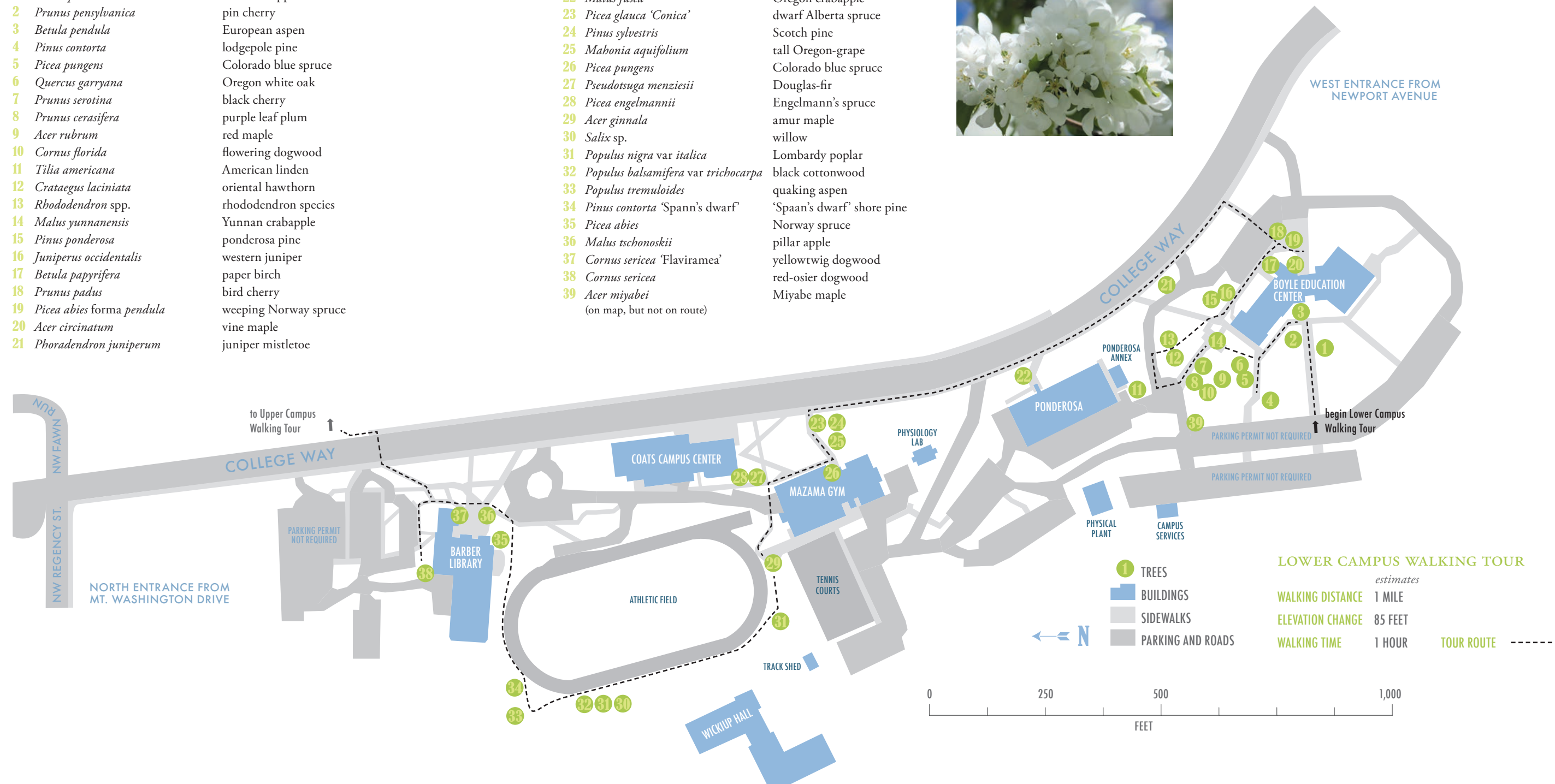
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|----|----------------------------------|-----------------------|
| 33 | <i>Malus fusca</i> | Oregon crabapple |
| 34 | <i>Sorbus aucuparia</i> | European mountain-ash |
| 35 | <i>Cedrus atlantica</i> 'Glauca' | Atlas cedar |
| 36 | <i>Prunus cerasifera</i> | purple leaf plum |
| 37 | <i>Crataegus phaenopyrum</i> | Washington hawthorn |
| 38 | <i>Acer circinatum</i> | vine maple |
| 39 | <i>Pinus strobus</i> | Eastern white pine |
| 40 | <i>Picea abies</i> | Norway spruce |
| 41 | <i>Crataegus laciniata</i> | oriental hawthorn |

NORTH ENTRANCE FROM
MT. WASHINGTON DRIVE

WEST ENTRANCE FROM
NEWPORT AVENUE

LOWER CAMPUS SPECIES TOUR

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|--|-----------------------|--|----------------------------|
| 1 <i>Malus pumila</i> | common apple | 22 <i>Malus fusca</i> | Oregon crabapple |
| 2 <i>Prunus pennsylvanica</i> | pin cherry | 23 <i>Picea glauca</i> 'Conica' | dwarf Alberta spruce |
| 3 <i>Betula pendula</i> | European aspen | 24 <i>Pinus sylvestris</i> | Scotch pine |
| 4 <i>Pinus contorta</i> | lodgepole pine | 25 <i>Mahonia aquifolium</i> | tall Oregon-grape |
| 5 <i>Picea pungens</i> | Colorado blue spruce | 26 <i>Picea pungens</i> | Colorado blue spruce |
| 6 <i>Quercus garryana</i> | Oregon white oak | 27 <i>Pseudotsuga menziesii</i> | Douglas-fir |
| 7 <i>Prunus serotina</i> | black cherry | 28 <i>Picea engelmannii</i> | Engelmann's spruce |
| 8 <i>Prunus cerasifera</i> | purple leaf plum | 29 <i>Acer ginnala</i> | amur maple |
| 9 <i>Acer rubrum</i> | red maple | 30 <i>Salix</i> sp. | willow |
| 10 <i>Cornus florida</i> | flowering dogwood | 31 <i>Populus nigra</i> var <i>italica</i> | Lombardy poplar |
| 11 <i>Tilia americana</i> | American linden | 32 <i>Populus balsamifera</i> var <i>trichocarpa</i> | black cottonwood |
| 12 <i>Crataegus laciniata</i> | oriental hawthorn | 33 <i>Populus tremuloides</i> | quaking aspen |
| 13 <i>Rhododendron</i> spp. | rhododendron species | 34 <i>Pinus contorta</i> 'Spann's dwarf' | 'Spann's dwarf' shore pine |
| 14 <i>Malus yunnanensis</i> | Yunnan crabapple | 35 <i>Picea abies</i> | Norway spruce |
| 15 <i>Pinus ponderosa</i> | ponderosa pine | 36 <i>Malus tschonoskii</i> | pillar apple |
| 16 <i>Juniperus occidentalis</i> | western juniper | 37 <i>Cornus sericea</i> 'Flaviramea' | yellowtwig dogwood |
| 17 <i>Betula papyrifera</i> | paper birch | 38 <i>Cornus sericea</i> | red-osier dogwood |
| 18 <i>Prunus padus</i> | bird cherry | 39 <i>Acer miyabei</i> | Miyabe maple |
| 19 <i>Picea abies</i> forma <i>pendula</i> | weeping Norway spruce | | (on map, but not on route) |
| 20 <i>Acer circinatum</i> | vine maple | | |
| 21 <i>Phoradendron juniperum</i> | juniper mistletoe | | |



WHY USE SCIENTIFIC NAMES?

Common names of plants, which originate from cultural sources, can be confusing because there is often more than one common name for a plant and the same name can be used for two different species of plants. To prevent confusion, biologists have established standard rules for naming species using a binomial (two-name), Latin name. This prevents any overlap of names and allows for international usage and recognition.

PARKING INFORMATION

Free visitor parking is available in lots below the Boyle Education Center and at the Barber Library. In addition, permits are not needed to park along College Way.

All vehicles parking in COCC student and staff parking areas from 7 a.m. to 5 p.m. on weekdays must display a permanent or temporary COCC parking permit. Vehicles in violation of this rule will be ticketed. The permits are free. Visitor parking permits are available from the Information Office and Enrollment Services located in the Boyle Education Center. Contact Campus Public Safety at 541.383.272 for more information.



CREDITS

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ABOUT COCC

Central Oregon Community College, founded in 1949 as Oregon's first community college, provides a wide range of services and learning opportunities for the citizens of the COCC District and for students from throughout the state and around the country.

The College's 200-acre main campus is located on the western edge of Bend, a city known for its natural beauty and its proximity to diverse recreational opportunities.