



Natural Resources Commission Meeting
Monday, December 19, 2022, 6:00pm Via Zoom
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AGENDA

The Natural Resources Commission meeting will be conducted pursuant to AB 361 and City of Winters Resolution No. 2022-01

Roll Call

Approval of Agenda

Approval of November 21, 2022 Minutes

PUBLIC COMMENTS

At this time, any member of the public may address the NRC on matters, which are not listed on this agenda. Citizens should reserve their comments for matters listed on this agenda at the time the item is considered by the NRC. Public comments may also be continued to later in the meeting should the time allotted for public comment expire. The NRC will not discuss or act on any information due to the guidelines of the Brown Act. Individual(s) addressing the NRC will be limited to three minutes per person.

DISCUSSION ITEMS

1. Update on City Tree Policy-Carol & Patrick
2. LPCCC-Stream Keeper Update-Max Stevenson
3. Putah Creek Council Update-Phil Stevens
4. Solano RCD Update-Chris Rose
5. Climate Action Commission Update-Patrick
6. Future Meeting Topics-All

ADJOURNMENT

I declare under penalty of perjury that the foregoing agenda for the December 21, 2022 regular meeting of the Natural Resources Commission was posted on the City of Winters website at www.cityofwinters.org and emailed to each member and posted on the outside public bulletin board at City Hall, 318 First Street on December 15, 2022 and made available to the public during normal business hours.

Kristine DeGuerre

Kristine DeGuerre, Environmental Services Manager



Natural Resources Commission Meeting
Monday, November 21., 2022 6:00 pm

MINUTES – Meeting via Zoom

Meeting Called to Order 6:02

Present were:

Commission Members: Kurt Balasek, Eric Jepsen, Kate Laddish, Carol Scianna and Patrick Wall

Liaison members: Kristine DeGuerre (City), Phil Stevens (PCC-Putah Creek Council), Chris Rose (Solano RCD- Resource Conservation District & Planning Commission),

Others: Tanya Meyer (Yolo Resource Management District/ Fire Safe) and Joanna Solins (UCD Extension) and Kathleen Trepas (City Manager)

Absent: Dennis Kilkenny, Bill Biasi (City Council), and Max Stevenson (StreamKeeper),

Motion to approve Agenda by Carol seconded Kate – Unanimously Approved.

Motion to approve October minutes with minor edits by Kate seconded Patrick - Unanimously Approved

Public Comments

Joanna Solins with UCD Cooperative Extension and Horticultural advisor for Yolo/ Solano Counties offered her assistance and cooperation on topics regarding habitat management in urban areas, tree canopy and water efficient landscape. Her expertise was welcomed by the commission.

Presentations- None

Discussion Items

1. Overview of the in-progress Yolo County Wildlife Protection Plan- Tanya Meyer
Neighborhood Fire Safe Councils (Councils) were approved for Capay Valley and West Winters after LNU Fire for Golden Bear and other areas affected. Councils focus are mobilizing resources to take care of their homes, hazardous fuel reduction and other education to promote fire safe homes and property. They are also beginning Prescribed Burn Associations and are developing a Community Wildfire Protection Plan (CWPP) which will include project list. Main points of CWPP are:
 - A) Collaboration with local & state agencies, fire professionals, community members and others
 - B) Prioritize Fuel Reduction Projects – treatment, defensible space and others
 - C) Address Structure Ignitability and home hardeningHaving a CWPP will allow Councils to be eligible for funding projects. There is also a Steering Committee which meets monthly. The Council also looks for opportunities to coordinate with Pleasants Valley Fire Safe Council, and other Solano County Councils such as having a booth at recent Salmon Festival.



2. Update on City Tree Policy- Patrick and Carol
There was discussion on changes to categories on Master Tree List, Kathleen didn't think flammability was such an issue in City spaces. There was consensus on adding Parkway minimums to avoid root/sidewalk conflicts. Link to Urban Forestry grants were shared by Kate.
3. LPCCC- Streamkeeper Update-
It was noted that there are Salmon in the gravel areas under the bridges
4. Putah Creek Updates- Phil Stevens
Saturday morning education programs are ongoing, some well attended with 30+ participants. This is a pilot program as a substitute for previous classroom activities. In September there was a clean up event in Nature Park that had just a few volunteers, Kathleen offered to post their activities in her Friday update.
5. Solano RCD Update- Chris Rose
They have received a grant from US Fish & Wildlife to survey landowners regarding downed trees etc. There are opportunities for restoration projects to remove downed trees and do restoration with a focus on habitat. The Grant also, includes education to landowners regarding what they are and are not allowed to do on their property as it relates to Fish & Wildlife permitting. RCD is also hoping to get a grant to promote Monarch habitat and work with PCC on these efforts. RCD had a plant sale recently, hoping to have 2-3 per year.
6. Climate Action Commission Update- Patrick
The Workplan went to Council recently. They have formed ad hoc groups to work on their priorities namely, 1) Researching grant funding and incentives programs and 2) Public information dissemination and engagement. 3) Ways to encourage favorable public policy.
7. Salmon Festival – Kristine & Carol
The Festival was very successful, good crowds lots of children. Salmon were seen on tours, music, food and booth activities were enjoyed by attendees.
8. Future Meeting Topics-All
Who is responsible for what regarding Nature Park and other maintenance in town?
Urban Forest Grant- should we form ad hoc to work on this?

Chair adjourned meeting at 7:21 pm.

Next Meeting is December 19th

Kurt Balasek, Chairman

Carol Scianna, Member

City of Winters Master Street Tree List

Botanical Name	Common Name	Size	Canopy diameter (feet)	Evergreen	Flowering	Flower Color	Water Needs	Growth Rate	Street Tree	Minimum Planting Area (ft)
Acer buergeranum	Trident Maple	M	30				M	M	X	5
Acer campestre	Hedge Maple	S	30				M	M	X	5
Acer freemanii	Freeman's Maple, 'Autumn Blaze'	L	50				H	M	X	Tends to crack easily at branch unions
Acer platanoides	Norway Maple	M	20				H	M		10
Acer rubrum	Red Maple	M	30		X	red	M	M	X	10
Acer truncatum x plat.	Pacific / Norwegian Sunset Maple	M	25				H	M		5
Arbutus unedo	Strawberry Madrone, 'Marina'	S	20	X	X	white	M	M	X	5 Messy fruit
Brachychiton populneus	Bottle Tree	L	60	X	X		M	M	X	10
Carpinus betulus	European Hornbeam	M	40				M	M	X	5
Cedrus deodara	Deodar Cedar	L	30	X			M	M	X	10
Celtis australis	European Hackberry	L	35				M	M	X	10
Ceratonia siliqua	Carob	M	25	X			L	M	X	5 Many find smell offensive
Cercidium microphyllum	Little Leaf Palo Verde	M	25	X	X	yellow	L	M		2
Cercis occidentalis	Western Redbud	S	20		X		M	S	X	2 Eastern Redbud is more attractive
Chilopsis linearis	Desert Willow	S	20		X		L	M	X	2
Cornus controversa	Giant Dogwood	M	30		X	white	M	S		10 Not heat / drought tolerant
Diospyros virginiana	American Persimmon (male clones)	M	20				M	M		10 Difficult to acquire
Fraxinus americana	White Ash	L	35				M	M	X	10 Highly prone to branch failure
Ginkgo biloba	Maidenhair Tree	L	30				M	S	X	10
Gymnocladus dioica	Kentucky Coffee Tree (male clones)	L	30				M	M	X	10

Highlights key
 Turquoise= structure/ nuisance issue
 Yellow= additional/ edits in varieties
 Green= not drought tolerant
 Pink= not readily available/ expensive

Koelreuteria bipinnata	Chinese Flame Tree	M	30		X	yellow	M	M	X	5	
Koelreuteria elegans	Formosan Flame Tree / Flamegold	M	25		X	yellow	M	M		10	
Koelreuteria paniculata	Goldenrain Tree	M	30		X	yellow	M	M	X	5	
Lagerstroemia indica	Crape Myrtle	S	20		X		L	M	X	2	
Laurus nobilis	Grecian Laurel	M	25	X			M	S	X	5	
Liriodendron tulipifera	Tulip Tree	L	30		X		H	F		10	Requires too much water
Magnolia grandiflora	Southern Magnolia	L	30		X	white	H	M	X	10	
Malus	Crabapple varieties	S	20		X		M	M		5	Fruit drops; requires regular pruning
Metasequoia glyptostroboides	Dawn Redwood	L	25				H	M		10	Requires too much water
Olea europaea	Fruitless Olive, 'Swan Hill'	M	25	X			L	S	X	5	Very expensive
Pinus canariensis	Canary Island Pine	L	30	X			M	F	X	10	
Pistacia chinensis	Chinese Pistache	M	30				L	M	X	5	
Platanus x hispanica	London Plane	L	35				M	M	X	5	
Platanus orientalis	Oriental Plane	L	35				M	M	X	10	Not readily available at nurseries
Prosopis alba	Mesquite, 'Colorado'	M	25	X			L	M		5	
Pyrus calleryana	Pear, 'Trinity' and 'Chanticleer'	M	20		X		M	F		10	Highly prone to branch failure
Quercus agrifolia	Coast Live Oak	L	35	X			L	M	X	10	
Quercus buckleyi	Texas Red Oak	L	35				M	M	X	10	
Quercus douglasii	Blue Oak	L	35				L	S	X	10	
Quercus frainetto	Oak, 'Forest Green'	M	35				M	M	X	10	Prone to sudden death 10-20 yrs
Quercus ilex	Holly Oak	L	35	X			M	M		10	
Quercus lobata	Valley Oak	L	35				L	M	X	10	
Quercus robur	English Oak	L	35				M	M	X	10	
Quercus shumardii	Shumard Red Oak	L	35				M	M	X	10	
Quercus suber	Cork Oak	L	35	X			L	M	X	10	Susceptible to phytophthora in lawns
Quercus virginiana	Southern Live Oak	L	35	X			M	M		10	Susceptible to phytophthora in lawns
Quercus wislizenii	Interior Live Oak	L	35	X			X	M	X	10	
Sequoia sempervirens	Coast Redwood	L	25	X			H	F	X	10	Does not thrive in heat or drought
Syringa reticulata	Ivory Silk Japanese Tree Lilac	M	20		X	white	M	M		5	

Taxodium distichum	Montezuma Bald Cypress	L	30				M	M	X	10
Tilia cordata	Littleleaf Linden	M	30		X		M	M	X	10
Ulmus parvifolia	Chinese Elm	L	30				M	F	X	10
Ulmus wilsoniana	Hybrid Elms	M	25				M	M	X	
Vitex agnus-castus	Chaste Tree	S	20		X	bluish	L	S	X	2
Xylosma congestum	Shiny Xylosma	S	20	X			L	F		2
Zelkova serrata	Sawleaf Zelkova	L	35				M	M	X	10

Does not thrive in heat or drought

ADDITIONS SUGGESTED

Aesculus californica	California Buckeye	S	25		X	white	L	M	?	5
Calocedrus decurrens	California Incense cedar	L	15	X			M	M	?	10
Cercis Canadensis	Eastern Redbud	M	30		X	pink	M	F	?	5
Chionanthus retusus	Chinese Fringe Tree	S	10		X	white	M	M	?	2
Cinnamomum camphora	Camphor	L	50	X			M	M	?	10
Eriobotrya deflexa	Bronze Loquat	M	20	X	X	white	M	F	?	5
Pinus Eldarica	Afghan Pine	L	20	X			L	F	?	10
Platanus racemosa	Western Sycamore	L	40				H	F	?	10
Quercus castaneifolia	Chestnut Leaf Oak	L	60				M	F	?	10
Quercus cerris	Turkey Oak	L	50				M	M	?	10
Quercus coccinea	Scarlet Oak	L	50				M	M	?	10
Quercus macrocarpa	Bur Oak	L	30				M	M	?	10
Styrax japonicus	Japanese Snowdrop	M	20		X	white	M	M	?	5
Umbellularia californica	California Laurel	L	60	X			M	M	?	10
Crataegus phaenopyrum	Washington Hawthorn	M	20		X	white	M	M	?	5

Canopy Diameter:

If the sun were directly above the tree, the crown diameter would be the width of the shade pattern. Estimate at full growth (about 15 years).

Growth Rate (slow, moderate, fast)

Estimated growth rate / year. May vary due to soil climate, and other growing conditions.

Slow = <18 inches; Moderate = 18 - 30 inches

Size (small, medium, large):

Estimated height at maturity. May vary due to soil, climate, and other growing conditions.

Small = 15 to 25 feet

Medium = 25 to 40 feet

Large = More than 40 feet

Fast = More than 30 inches

Street Tree:

Trees not marked Street Tree should not be planted in parkways or street easements.