SLIDES: City of Arcata Community Forest

Mark André

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JACOBY CREEK FOREST EXPANSION/
LUCCHESI ACQUISITION L.A.E. EXPANSION

Location Map
Arcata South Quadrangle
Sections 13, 14, 24, and 25 of T5N, R1E, of the H.B. & M
&
Section 19 T5N, R2E of the H.B. & M

Legend
- Proposed Forest Habitat Acquisition
- Jacoby Creek Forest
- Completed Lucchesi Acquisitions
- Jacoby Creek/Gannon Slough
  Enhancement Area
- Jacoby Creek Watershed
- Arcata City Limits

160000
0 2000 4000 6000 8000 Feet
COMMUNITY FOREST HISTORY

- 1935 ACF Acquired from Union Water Company
- Jacoby Creek Forest Purchased 1942-$18,000
- Dedicated May 19, 1955-First Community Forest in CA
- 1979 Ballot initiative and Parkland Bond
- 1991 Parkland Bond Paid off
- 1998- First Municipal Forest in US Certified Sustainable By Forest Stewardship Council
- 2001- Added 618 acres to Jacoby Creek Forest
- 2005 –Added 171 acres added to Community Forest
Forest Management Goals from the 1994 Plan:

1. Maintain the health of the forest system, specifically, maintain the integrity of the watershed, wildlife, fisheries and plant resources, their relationships and the process through which they interact with their environment.

2. The City’s forests shall serve as models of managed redwood forests for demonstration and educational purposes.

3. Produce marketable forest products and income to the City in perpetuity, balancing timber harvest and growth.

4. The community forest shall also be managed to provide forest recreational opportunities for the community.

Policy decisions are made by the City Council with input from the Forest Management Committee.

* The FMP is available from the City website: www.arcatacityhall.org
Arcata Forest
1880’s

Corduroy skid trail
Redwood/oxalis type
Arcata Community Forest Trails Map

NO camping or open fires are allowed in the forest.

Legend:
- Parking
- Trailhead
- Community Trail Boundary
- Trail (Single-Track)
- 10%quip Trail
- Foothill Trail
- Meadow Trail
- Ruckway Trail
- Waterway Trail
- Trails

City of Arcata
1979 ARCATA PARK BOND Resolution

• “Managed under principles of ecological forestry”
• Serve as a “model” of forest management
• Portion of net revenue to be used for acquisition and development of parks and open space areas
• Serve as a model forest
Forest Data

- Forest Size = 1984 acres
- Current merchantable inventory = 65 mmbf
- Projected inventory by 2025 = 90 mmbf
- Per acre growth = 2,000-3,000 bf per acre/year
- Site Class II, Site index = 167
- Typical stand per acre volume = 95-130 mbf
- Harvest level = 500-700 mbf/year

* (Does not include reserves totaling 45% of land base)
Community/Jacoby Creek Forest Timber Harvest Activity 1981-2004

Volume of Timber (millions BF)

Year Cut
Harvest date:
2000
Profile (100 x 6 m) plot of Klamath Enriched Mixed Conifer Forest

Pm = Pseudotsuga menziesii, Pi = Pinus lambertiana
Ac = Abies concolor, Am = Abies magnifica.
Figure II  
Stand Changes Over Time

Year
1995

2035

2075

3015
Figure
Monitoring and Evaluation
Decision Tree

Plan Implementation

Monitoring Activities

Evaluate Monitoring Results
Are monitoring objectives (standards & guidelines, prescriptions, effects, costs, outputs) being met within defined limits of variability?

Yes
Continue plan implementation

No
Determine if sample size of monitoring activities is adequate.

Yes
Determine cause of not meeting objective.

No
Remonitor

Rectify cause by selecting appropriate action.

Modify on-the-ground activities, or standards and guidelines, or allocation of management prescription, or management prescription.

Review action to determine if a revision or amendment to the Forest Plan is required.

Yes
Revise or amend the Forest Plan

No
Make adjustments and continue monitoring
N. Spotted Owl Activity Center: High amount of snags, down logs, stand complexity
Welcome to the Arcata Community Forest:

Branching Toward a Sustainable Future

You are in a sustainably managed community forest. This forest is owned by and managed for the citizens of Arcata. Our community strives to protect the long-term integrity of the forest for present and future generations by employing sustainable management practices.

Branching Into Sustainable Forestry

You may have heard the word "sustainability" before, but what does it really mean? It can be defined as the ability of present generations to meet their needs without compromising the ability of future generations to meet their needs. Sustainable forestry focuses on preserving the ecological integrity of the forest with both present and future needs of the community in mind. Sustainable forestry balances timber harvest with forest growth, while trying to protect:

- wildlife habitat
- water quality
- soil quality
- native vegetation
- biological diversity

Sustainable Forestry Takes Root in Your Community

Arcata's forest meets and surpasses a worldwide standard for sustainable forestry. By emphasizing our community's interests, our forest management plan serves to protect the ecosystem while supplying forest products and providing a natural setting for recreation, education, and research. Just as trees grow and change, our management practices adapt to include the latest forest research and stewardship techniques.

Follow the Growth of Arcata's Forest

This forest is managed for your future. Contact Arcata's Environmental Services Department to find out how you can participate in Community Forest management.

Funding for this sign was provided by March for Parks and the City of Arcata. March for Parks gives local school children the opportunity to raise money for parks and natural areas in our community.
Input Sought for Forests’ Vision

The City of Arcata is working to heighten awareness and understanding of its two City-owned forests, and to solicit input regarding the community’s vision for the future of those forests.

What is your vision of what the Arcata Community Forest and/or the Jacoby Creek Forest should look like 50 years from now? Who’s using the forests? What are they doing? What’s it like on the edges? What do the forests provide for the community? What does the community provide for the forests?

You can participate! Fill out the questionnaire, go on a Walk in the Woods (see Calendar, page 4), look at the website, send an e-mail, come to a workshop this fall... learn about the forests and give us your input for how you think Arcata’s forests should be managed over the next several decades.
After treatment
McDaniel Slough Restoration-240 acres, City of Arcata, DFG, Coastal Conservancy--- $3.3 million
Arcata’s Lessoned Learned

• Take the time to get community buy in and secure funding for long-term management monitoring and adaptive management. Sustain the community buy in by involving the community in the management activities. Also provide a forum such as a newsletter to communicate with the community.

• Set up a system whereby future management goals are clear. Consider third party certification (FSC in Arcata’s case) to provide elected officials with comfortable parameters to operate within.

• Conduct periodic community “visioning” sessions to make sure that the community continues to support goals and objectives. This is in addition to the usual public hearings for adopting management plans etc.

• Do not wait as increasing land values in the urban interface may make large acquisitions unfeasible. Starting small with a particularly vulnerable tract of land is probably a good idea from which momentum can build for later additions.

• Acquiring and managing a community forest requires technical expertise, collaborative partnerships, willing landowners and a bit of luck with timing.