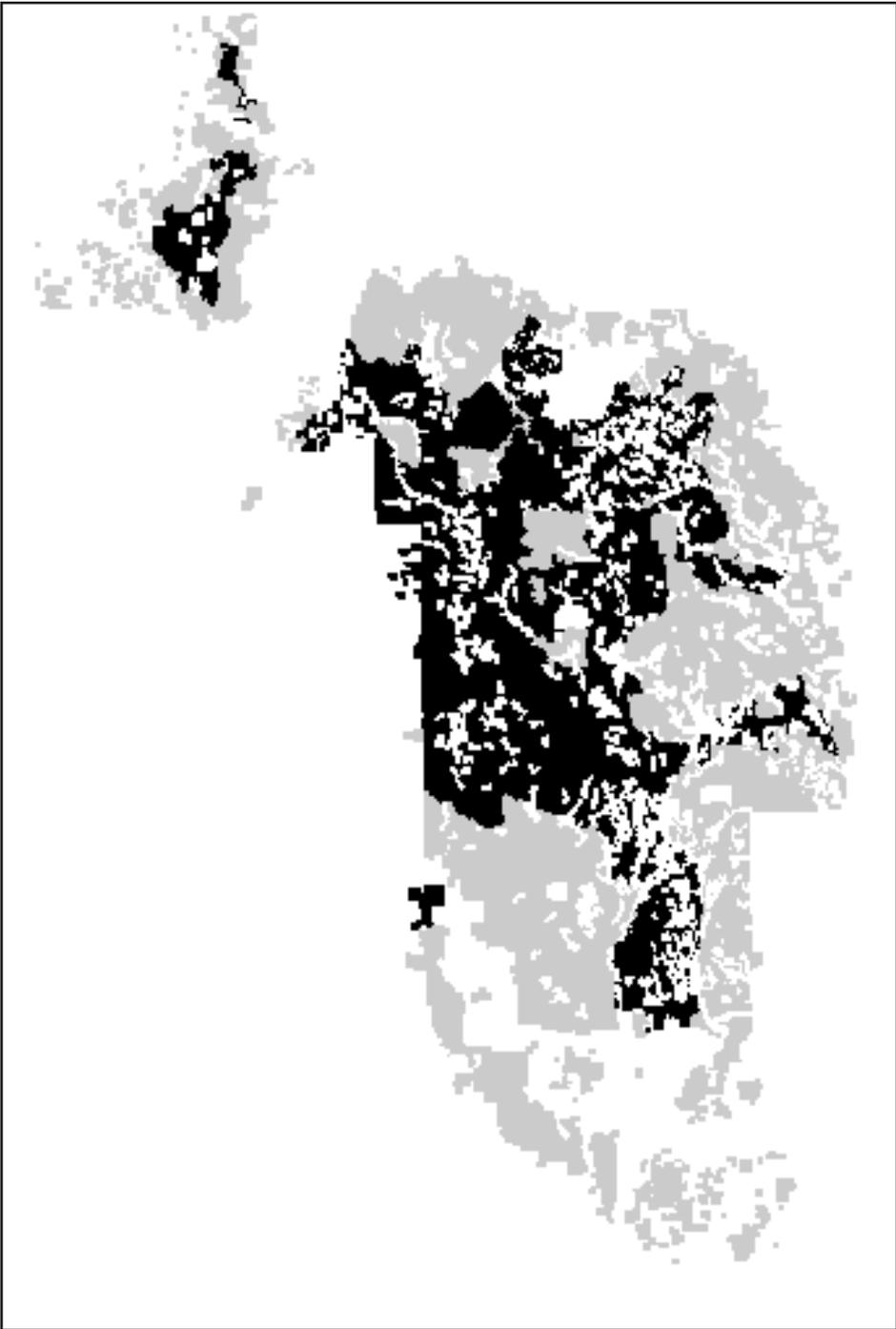




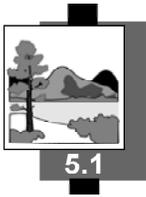
Management Area 5.1 Resource Production Emphasis

Theme: These areas are managed for wood products, water yield, and forage production, while providing other commercial products, visual quality, diversity of wildlife and a variety of other goods and services. Numerous open roads provide commercial access and roaded recreation opportunities, while closed roads provide non-motorized recreation opportunities.





Management Area 5.1
563,898 Acres
45.2 Percent of Forest



Setting: These sites may be located throughout the forest. The predominant tree species is ponderosa pine, although white spruce, aspen and other hardwood species occur, as do meadows and natural openings with grass, shrub and forb species. Forest stands vary in density and height, with some sites more accessible and less rugged than other sites.

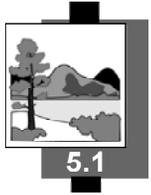
Activities and Opportunities:

Non-motorized Dispersed Recreation	Yes
On-Road Motorized Vehicles	Yes
Off-Road Motorized Vehicles	Yes
Timber Harvesting	Yes
Livestock Grazing	Yes
Mineral Development	Yes

Desired Future Condition: The forest is largely a mosaic of tree groups of different ages and heights. Cut areas show tree stumps, slash and disturbed soil. The appearance of disturbed soil usually disappears in a short period of time due to grass, shrub and tree regeneration. Fuel treatment emphasis is on maintaining forest health and the protection of management investments in the interest of sustained productivity of the area. Areas disturbed through management activities are quickly revegetated. Other recently cut areas still have a partial canopy of older trees. The boundaries of these cut areas appear to follow natural landscape patterns.

Ponderosa pine is the most frequently observed tree species. White spruce, aspen and other hardwood tree species also occur. Few areas show evidence of decadence or old trees. Trees of all ages are present. Evidence of insect and disease outbreaks is infrequent. There are some natural openings or meadows of various sizes and shapes, and these areas are enlarged as appropriate.

Older cut areas show tree saplings, poles or young trees up to 35 to 45 feet in height. The forest floor in these areas shows few signs of disturbance. A variety of forest structures is apparent with mature trees dominating the landscape. Scattered trees in older cut areas are likely found throughout this management area. Many silviculture treatments are designed to increase water yield, given proper climatic conditions. Management of riparian areas may lengthen the season of water flow. Insect and disease populations are at endemic population levels.



Activities such as hunting, hiking and biking occur along roads closed to vehicle traffic. Some roads and nearby areas are available for year-round motorized vehicle use. Some motorized vehicle use may be restricted for management area purposes.

Trees in this management area are managed to produce forest products while providing forage production, visual quality, wildlife habitat, recreational opportunities, as well as other goods and services. Logging traffic may be encountered throughout the year. Piles of slash may be seen burning on hillsides when conditions make such burning safe.

Management Area Goals and Objectives

Physical Elements

Water

5.1-101. Sustain or enhance water yield through timber management. **OBJECTIVE**

Biological Elements -- Flora

Forest Communities

5.1-201. Manage tree stands to emphasize timber products, forage production, and water yield. **GOAL**

5.1-202. While meeting other objectives for this management area, provide variety in stand sizes, shape, crown closure, age structure and interspersion.

OBJECTIVE

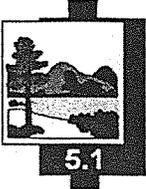
5.1-203. Maintain or enhance hardwood shrub communities where biologically feasible, and within management objectives. **OBJECTIVE**

5.1-204. *Manage for the following percentages of structural stages in ponderosa pine across the management area in a variety of sizes and shapes. **OBJECTIVE**

SS1	5%	SS4A	25%*
SS2	5%	SS4B	25%*
SS3A	10%	SS4C	5%*
SS3B	15%	SS5	5%**
SS3C	5%		

*10% of the structural stage 4 ponderosa pine acreage in the management area will have an average tree size of "very large". Seek opportunities to increase understory shrubs in open-canopy structural stages.

**Active management is allowed, and may be necessary, to provide desired late-successional characteristics.



provide desired late-successional characteristics.

Management Area Standards and Guidelines

Biological Elements -- Flora

Forest Communities

5.1-2101. Suitable lands are available for timber production and contribute to the allowable sale quantity. STANDARD

Biological Elements -- Fauna

Wildlife

5.1-3201. *DELETED

Disturbance Processes

Fire and Fuels

5.1-4101. Utilize appropriate fuel treatment practices, including prescribed fire, to meet management objectives. GUIDELINE

Social Elements

Recreation

5.1-5101. The recreation opportunity spectrum is roaded natural. GUIDELINE

Scenery Management

5.1-5601. The adopted scenic integrity objectives are:

High = 57,127 Acres

Moderate = 248,914 Acres

Low = 255,641 Acres

GUIDELINE

Transportation and Travel

◇ 5.1-9101. Off-road motorized travel is allowed where designated by a project decision. GUIDELINE

◇ 5.1-9102. Motorized road travel is allowed where designated by a project decision. GUIDELINE

5.1-9103. Over-the-snow motorized travel is allowed unless restricted by a project decision. GUIDELINE

◇ Amendment #10 - May 2010 ◇
