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PSW

Foreword

Scattered over a large portion the so-called non-timbered area of the Modoc is a large area of Juniper. This type is largely on the level plateau lands of volcanic origin. A large area of the type has been lightly cutover at various times for post and cordwood purposes.

In order to have a natural area of fair size preserved for education and for future investigative studies that will undoubtedly be undertaken as soon as this species assumes a greater economic importance, it seems desirable to set aside such an area at the present time.

Location

E $\frac{1}{2}$ Sections 29 and 32 and all of Sections 28 and 33 west of the Pine Spring road, T. 46 N., R. 12 E., M.D.M., Modoc National Forest, California.

Acresage

About 1600 acres, all National Forest Land.

Physical and Climatic Conditions

Elevations - about 4300 feet.

Topography - The bulk of the area is nearly level or gently sloping land with numerous rock outcrops.

Soil - The soil is a deep clay with a large amount of surface rock.

Average Annual Range of Temperature - From 30 degrees below zero to about 90 degrees Fahrenheit.

Average Frost Free Period - Frosts may occur in any month of the year, although killing frosts are rare from June 1 to September 1.

Silvicultural Types

The entire area is of the Juniper type. The reproduction is all Juniper and is very sparse, which is typical of the whole Juniper type.

The ground cover includes sagebrush, bitter brush, bunch grasses, and annual weeds and grasses.

Amount and Class of Timber

No standard cruise of the area has been made. The area will undoubtedly average 12 cords per acre or 19,200 cords of Juniper on the tract. All of it would make excellent cordwood and posts.

Merchantability of the Timber

This area would not be merchantable until adequate road facilities are developed in the region. Judging from the prices secured on adjacent areas this timber is worth \$0.75 per cord. This Juniper stand furnishes a good cross section for the Devil's Garden area.

Extent and Severity of Fire Damage - This is an area of very low fire hazard.

There are no evidences of fires within recent years.

Character and Extent of Present Use of Timber - None

Agriculture Value - None

Grazing Value

(a) Number of stock grazed - 30 cattle

(b) Season - April 16 - October 31

(c) The present condition of range is fair. Rimrocks that form the eastern boundary are a strong factor in preventing heavy use by livestock.

Note - rec. from RD
w/ memo of 5/18/76 -
boundaries are incorrect,
not as marked in 1963.
W. B. C. Humphreys
5/19/76

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rt On
N NATURAL AREA

Mineral Values - None

Value of Area for Other Public Uses - None

Transportation Facilities

None except a poor secondary road that skirts the east boundary of the area.

Suitability of Tract for a Natural Area

1. This is one of the few uncut Juniper areas of any size in this region. It contains stands characteristic of the better Juniper areas.
2. Considering the open type the stand is fully stocked and contains a fair representation of age classes.
3. When the lumber market was good there was considerable inquiry for Juniper for pencil stock in this vicinity and at one time there was a sale in progress but the contract was canceled several years ago. When the market recovers there may be a demand for pencil stock again. Consequently it is essential that a natural area be set aside in this type for various lines of research that will undoubtedly be initiated as soon as this type assumes real commercial importance.

San Francisco, California
November 12, 1931

S/ Russell S. Bacon
Technical Assistant

APPROVED: Jan. 28, 1932
(date)

April 21, 1932
(date)

S/ F.P. Cronmiller, Jr.
Forest Supervisor

S/ S.B. Shaw
Regional Forester

S/ E.I. Kotok
Director, California Forest
Experiment Station.

Washington, D. C.

Feb. 28 1933

By virtue of the authority vested in me by Regulation L-20 of the regulations of the Secretary of Agriculture relating to the occupancy, use, protection, and administration of the National Forests, I do hereby designate as the DEVIL'S GARDEN NATURAL AREA the lands described in a report dated November 12, 1931, by Russell S. Bacon and F.P. Cronmiller, Jr., said lands shall hereafter be administered as a natural area, subject to the provisions of said regulations and the instructions thereunder.

R. Y. Stuart

Forester

L. F. K.

SUPPRESSED + MODIFIED 5/16/1963 by
Chief, T S - See 2320 - NEAR NATURAL AREA

Also - PLO 3224 4/19/55

9/11/63

NOW 800 acres

(WILLAMETTE MERIDIAN)

~~R. 16 E.~~

~~R.17 E.~~

~~R. 18 E.~~

~~R. 12 E.~~

8th

Standard

