

x'd in G.C 83 and in  
Coronado NF file

Coronado NF

4060 Research Facilities

August 4, 1983

Santa Catalina RNA

Forest Service RNA Coordinator  
Washington Office

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Larry Schmidt of our Regional Office has asked that we send the enclosed original Land Classification Order signed by R.W. Dunlap directly to you.

*see Washington Office file*

*R.B. Tippetts*

R.B. TIPPECOMIC  
Forest Supervisor

Enclosure

cc:  
BO - S&W, Larry Schmidt  
Santa Catalina RD

Sent to:  
Forest Service RNA Coordinator  
USDA, Forest Service  
P.O. Box 2417, RPE - 811  
Washington, D.C. 20013  
Attn: Russell Burns

RES/M. BORENS/hmc/8/4/83

RECEIVED

AUG 08 1983

SOIL & WATER

AUG 05 1983

R-3

4060 Research Facilities

Santa Catalina Natural Area  
(your ltr. 7/6/83) in this file

Chief

see file "Santa Catalina RNA" (established)

Enclosed are copies of Dunlap's March 23, 1927 order establishing the Santa Catalina Natural Area and the Modification Order signed by Freeman June 14, 1962. The Coronado National Forest has an original copy of the Dunlap Order and will forward it by separate cover. It appears that the Region only has copies of Freeman's order which were stamped in the signature block.

LARRY J. SCHMIDT

DON RENTON  
Chairman of Research Natural Committee

Enclosure

cc: Larry Schmidt  
Mike Borens, Coronado

LSCHMIDT:fr:8/2/83

Thank you for your cooperation.

*[Handwritten signature]*  
STANLEY SALSMAN  
Director of Timber Management Research

*quest*  
*connected Mike Borens*  
*the original to W.C.*  
*mail. Dunlap-LMP*

STANTON \_\_\_\_\_  
CRAWFORD \_\_\_\_\_  
SCANE \_\_\_\_\_  
LONG \_\_\_\_\_  
LITTLE \_\_\_\_\_  
WEISS \_\_\_\_\_  
\_\_\_\_\_

RECEIVED

JUL 19 1983

SOIL & WATER



AUG 19 1983



United States  
Department of  
Agriculture

Forest  
Service

R-3

*S. Catalina  
estable*

*First 2 pp x'd in G.C. '83  
& in "Washington Office"*

Reply to: 4060 Research Facilities

Date:

**AUG 05 1983**

Subject: Santa Catalina Natural Area  
(your ltr. 7/6/83)

To: Chief

Enclosed are copies of Dunlap's March 23, 1927 order establishing the Santa Catalina Natural Area and the Modification Order signed by Freeman June 14, 1962.

The Coronado National Forest has an original copy of the Dunlap Order and will forward it by separate cover. It appears that the Region only has copies of Freeman's order which were stamped in the signature block.

DON RENTON  
Chairman of Research Natural Committee

Enclosure

cc: Larry Schmidt ✓  
Mike Borens, Coronado





United States  
Department of  
Agriculture

Forest  
Service

WO

Reply to: 4060 Research Facilities

Date: July 6, 1983

Subject: Santa Catalina Natural Area

To: Regional Forester, Region 3

Timber Management Research in the WO maintains the official file of research natural areas (RNA's) on NFS lands. We do not have the original Land Classification Order signed by R.W. Dunlap, Acting Secretary of Agriculture, establishing the Santa Catalina Natural Area on the Coronado National Forest. The Order was dated 19 March 1927 and was signed by Dunlap on 23 March 1927.

We also need the original Modification of Land Classification Order for the Santa Catalina Natural Area signed by Orville L. Freeman on 14 June 1962 to complete this file. Please inspect your files and forward the documents or any information you can find about them to:

Forest Service RNA Coordinator  
USDA Forest Service  
P.O. Box 2417, RPE-811  
Washington, D.C. 20013

(8-235-8200 phone)

Thank you for your cooperation.

*Stan Krugman*

STANLEY L. KRUGMAN  
Director of Timber Management Research

*8-2-83*

*contacted Mike  
he is forwarding  
original to W.O.  
by certified  
mail.*

*Areas CNF  
Jhe*

- RENTON \_\_\_\_\_
- CRAWFORD \_\_\_\_\_
- LaSAILE \_\_\_\_\_
- LONG \_\_\_\_\_
- LITTLE \_\_\_\_\_
- WEISZ \_\_\_\_\_
- REPLOGLE \_\_\_\_\_
- STEWART \_\_\_\_\_

**RECEIVED**

JUL 18 1983

SOIL & WATER

Land Management  
Planning

JUL 12 1983



MODIFICATION OF LAND CLASSIFICATION ORDER

Designation for Retaining in Natural Condition Lands Within the  
Santa Catalina Mountains, Coronado National Forest

WHEREAS by land classification order dated March 23, 1927, the Acting Secretary of Agriculture gave public notice that certain lands adjacent to the Mt. Lemmon Recreational Area, in unsurveyed sections, containing 4,464 acres, more or less, located in the Santa Catalina Mountains, within the Coronado National Forest, Arizona, were designated as the Santa Catalina Natural Area, and that all national forest lands therein should be so managed as to permit scientific studies of the forest growth by the Natural History Society of Tucson, Arizona, and other like scientific organizations; and

WHEREAS it is desired to modify said land classification order by correcting errors in the original survey, eliminating that portion of the natural area needed and used by the Department of Defense (Air Force) for radar purposes in the interest of national defense and other special use permits, and establishing the boundary using geographic features to enhance administrative and protection requirements; and

WHEREAS the modification will simplify administration and protection and promote the most useful purposes of natural area establishment;

NOW, THEREFORE, the aforesaid land classification order dated March 23, 1927, is hereby modified and amended to include in the Santa Catalina Natural Area certain lands located in unsurveyed sections 34, 35 and 36, T. 11 S., R. 15 E., and unsurveyed sections 1, 2, 3, 4, 8, 9, 10, 11, 15 and 16, T. 12 S., R. 15 E., G. & S.R.P.M., containing 4,131 acres, as shown on the attached map designated "Santa Catalina Natural Area Boundary Modification, 3/21/53." Corner number 11 as designated on the attached map is the Lemmon Rock Lookout. The new corners numbered 1 and 10 are marked on the ground with appropriately stamped steel stakes and witness trees.

In all other respects the aforesaid land classification order remains unchanged.

In Testimony Whereof, I have hereunto set my hand at Washington, D.C., this 14<sup>th</sup> day of June, 1962.

Orville L. Freeman  
SECRETARY

Originated in Forestry  
Initiated by LAM  
Submitted in Solicitor's Office

Law  
3-12-27

I  
Classification-Coronado  
Santa Catalina Natural Area

LAND CLASSIFICATION ORDER

Designation for Retaining in Natural Condition Lands Within the  
Santa Catalina Mountains, Coronado National Forest.

Pursuant to the Act of Congress of August 10, 1912 (37 Stat., 287), directing the Secretary of Agriculture to select, classify, and segregate lands within the boundaries of National Forests that may be opened to non-forest entry, certain lands, adjacent to the Mt. Lemmon Recreational Area, in unsurveyed Sections 25, 26, 34, 35 and 36, T. 11 N., and unsurveyed Sections 2, 3, 4, 9, 10, 11 and 15, in R. 12 S., R. 15 E., G. & S. R. N., containing 4,454 acres, more or less, as shown by a survey made by Forest Ranger J. A. Frieborn in July, 1926, located in the Santa Catalina Mountains, within the Coronado National Forest, Arizona, were duly examined, classified and segregated as not being chiefly valuable for agriculture and, therefore, not subject to segregation under said Act.

It now appears that these lands are not only of value for timber production and streamflow protection, but also that they contain cover of such a character that it would be in the public interest to keep this in its present status in so far as practicable, to the end that the flora may be made the subject of study by the Natural History Society of Tucson, Arizona, and other like scientific organizations.

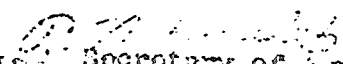
Now, therefore, I, R. W. Dunlap, Secretary of Agriculture, do hereby give public notice that the above-mentioned area is hereby designated as the Santa Catalina Natural Area and that all National Forest lands therein shall be so managed as to permit scientific studies of the forest growth. The administration and use of this area shall be governed by the spirit of this order and no use shall be allowed or permitted that will interfere with the broad public purposes herein set forth.

In Testimony Whereof, I have hereunto set my hand and official seal at Washington, D. C., this 23rd day of March, 1927.

Secretary's File Room

(Signed)

(Seal)

  
Secretary of Agriculture.

Orig. 11 copy sent Coronado

I.  
Recreation-Coronado  
Santa Catalina Natural Area

Tucson, Arizona  
January 25, 1927

R E P O R T

TUCSON NATURAL HISTORY SOCIETY

This is an organization formed in 1923 by a number of residents of Tucson, Arizona. The membership is composed of scientists connected with the University of Arizona and the Carnegie Desert Laboratory, nature lovers, sportsmen and public spirited citizens who are interested in conservation of natural resources, natural history, game preservation and so forth. The active membership now numbers about 100. An annual program is prepared, copy of which is attached in order to give some idea of the scope and activities of the society. The objectives of the society are the stimulation of interest in and appreciation of nature including both plants and animals; the popularization of the outdoors; the gaining of information regarding wild life; conservation of natural resources.

In November 1925, the Society made the proposal that a "natural area" be set aside by the Forest Service within the Santa Catalina division of the Coronado National Forest. No specific area was suggested but upon examination, an area of approximately 200 acres was tentatively designated and mapped which upon further consideration was enlarged to include the present area as shown on the attached map. A tentative set of rules to govern the area was drawn up by the Society as follows:

TENTATIVE RULES, SANTA CATALINA NATURAL AREA

(U. S. Forest Service and Tucson Natural History Society,  
sponsors)

The area shall be known as the Santa Catalina Natural Area.

The bounds of the area shall be as indicated on the accompanying map.

It is agreed that the area may at any time be inclosed with a fence of construction suitable to keep out livestock either by the U. S. Forest Service or the Tucson Natural History Society or both.

Grazing by any kind of domestic livestock shall be absolutely prohibited on the area.

No buildings shall be erected on the area except for protection and study.

Only such roads, trails and telephone lines shall be built and maintained on the area as are necessary for purposes of administration and protection of the area from fire.

No firearms shall be carried on the area except under seal or special permit.

No hunting, trapping nor fishing, except under permit for predatory animals or for the collection of scientific specimens, shall be allowed on the area; it is the object of the area to maintain the original conditions of the region as far as possible undisturbed for any reason whatever.

There shall be no cutting of trees or shrubs, or clearing away of logs, stumps, brush or any other modification of the original conditions, except as necessary for fighting fires.

Extraordinary care must be exercised to protect the area, which, as the years go by, will be increasingly valuable as a scientific natural object lesson, from the ravages of fire.

Suitable signs, with the name of the area, and bearing the following or similar instructions, shall be posted at all points of entrance of trails into the area:

#### SANTA CATALINA NATURAL AREA

"For the preservation of natural conditions undisturbed for all time. Designed for study by foresters, livestock men, naturalists, scientists, and the general public. Please give us your cooperation in being especially careful with fires, and by leaving the soil, rocks, plants, animals, and all other modifiable features in an undisturbed and natural condition."

FOREST SERVICE, UNITED STATES DEPARTMENT OF AGRICULTURE  
TUZIGON NATURAL HISTORY SOCIETY.

#### LOCATION AND AREA

In portions or in whole of unsurveyed Sections 25, 26, 34, 35 and 36, T. 11 S., R. 15 E., and unsurveyed Sections 2, 3, 4, 9, 10, 11 and 15, T. 12 S., R. 15 E., G. & S.M., containing



4,464 acres more or less. The area is located about 60 miles north of Tucson, Arizona by a highway and is adjacent to the Mt. Lemmon Recreational Area on the Coronado National Forest.

#### ELEVATION

The elevation varies from 9,150 feet on Mt. Lemmon to about 5,500 feet on the southern portion of the area.

#### TOPOGRAPHY

The area for the most part includes an extremely rough and precipitous section and is practically inaccessible in some portions. The so-called "Wilderness of Rocks" is included within the area and the entire area is within a basin about one mile wide by three miles long with a generally southwest exposure. The area is within the Marshall Gulch and Lemmon Creek drainages.

#### COVER

The cover consists of western yellow pine, with a scattering stand of Douglas fir, white pine, Engelmann spruce and cork-bark fir with aspen on the higher elevations; in the stream bottoms such hardwoods as sugar maple, beech, alders and associated types occur; on the southerly exposures, the cover is mostly of the browse type chiefly netleaf and silver leaf oak with an admixture of Juniper and Arizona cypress. In all, approximately 2000 acres include conifers yielding approximately 12 ft. B.M. per acre, 400 acres of deciduous types yielding about 3 cords per acre and 1200 acres of brush types which would yield about 3 cords per acre. In fact a very wide range of native flora is contained within the area from the semi-desert to the alpine type. This timber is almost wholly inaccessible from a commercial standpoint and any management plan would of necessity eliminate this area from exploitation due to its inaccessibility. Accordingly, the setting aside of the area for the purpose indicated would not conflict with management plans existing or proposed or with any working circle in connection therewith.

#### LAND CLASSIFICATION

The entire area has been classified as non-forestable under the Acts of June 11, 1906 or August 10, 1912 and is chiefly valuable for forest purposes.

### SPECIAL USES AND RIGHTS OF WAY

None in existence. While the demand for recreational use in the way of summer homes adjacent to this area is considerable, there is ample room for expansion on other portions of the Catalina Division for this purpose. The water power possibilities are negligible or wholly lacking.

### GRAZING

The greater part of the area is closed to grazing at present by reason of the exclusion from grazing of the existing Mt. Lemmon Recreational Area. The remainder of the area has never been grazed by domestic stock as it is practically inaccessible from any point due to the topography. Accordingly the factor of grazing will not cause any disturbance to range management plans.

### FIRE AND FOREST SERVICE IMPROVEMENTS

The fire hazard is high but the area is included with the fire protection system in force on the Catalina Division and Forest Service trails have been constructed within the past few years to provide for access in the event of fire. Other than possible additional trails and ways or telephone lines for protection purposes, no improvements are contemplated. Existing Forest Service improvements consist of a cabin for housing a fire guard and a fire lookout tower on Mt. Lemmon.

### GAME

The entire area, and in fact, the entire Catalina Division, is within a State Game Refuge. Many deer are found within the area of the white-tail species and one of the few remaining bands of Rocky Mountain sheep are contained within or adjacent to this area.

### RECOMMENDATIONS

It is recommended that the proposed rules of the Society be approved with modifications and that the area be set aside under the procedure for the dedication of recreation areas as a special measure of preservation of recreational resources under formal order by the Secretary.

There follows a draft of the proposed order:

#### RESERVATION FOR RECREATIONAL PURPOSES OF LANDS WITHIN THE CORCORAN NATIONAL FOREST ADJACENT TO TUCSON, ARIZONA

"Pursuant to an Act of Congress directing the Secretary of Agriculture to select, classify, and segregate lands within the

boundaries of National Forests that may be opened to homestead entry, certain lands aggregating 4,404 acres more or less within the Coronado National Forest, situated adjacent to Tucson, Arizona as indicated upon the diagram hereto attached, have been duly examined, and, being found to comprise natural resources susceptible of many public uses and possessing much scenic beauty which should be available to the public, were classified and segregated on \_\_\_\_\_ as not chiefly valuable for agriculture and therefore not subject to segregation under the Act of August 10, 1912.

It appears that these lands are not only of great value for national forest purposes but should also be permanently retained in Government ownership in order to provide for their protection, development, use and enjoyment by the general public, and can be so administered by the Forest Service without additional expense to the Government."

Approved:

January 25, 1927  
(Date)

Fred Wain  
Forest Supervisor

Approved:

January 26, 1927  
(Date)

John D. Jones  
Acting District Forester

R-L FILE

UNITED STATES GOVERNMENT - Forest Service  
Coronado National Forest  
Tucson, Arizona  
*Memorandum*

4000

TO : Regional Forester, R-3

DATE: April 19, 1962

FROM : Clyde W. Doran, Forest Supervisor, By

RECEIVED USES

APR 23 1962

SUBJECT: Research - Santa Catalina Natural Area

REGION 3  
RECREATION & LANDS

We have discussed the revision of the Santa Catalina Natural Area with Mr. Taylor. Mr. Taylor feels that a modification report is sufficient to reduce the area.

Enclosed is our proposed Modification Report.

We are returning the material transmitted with your memorandum of June 2, 1961.

Enclosures

*F. H. Richardson*

F. H. Richardson

ERNIE:  
I NOTE THAT THE MODIFICATION REPORT REFERS TO EXHIBIT # 5 AND NOT EXHIBIT # 4. I DON'T WHICH YOU PLAN TO USE.

*Rudy*

R-L File Copy		Index	Ac- tion	Dis- posal
A.R.F. Smith Lendown'ship Adj.	A.G.W. B.P.S.			
Land Class.	R.V.V.			
Purchases & Allments	P.S.O. J.L.S. P.O. C.M.C.			
Rec. & Uses	B.M.T. S.M.T. L.P.M. H.O.S. C.L.S. J.S.S.	✓	✓	✓
Adm. Asst.	B.L.G.			
Div. Cl.	M.H.			
Lendown. Cl.	B.R.			
Mineral Cl.	R.M.			
Rec. Cl.	L.W.			
Status Cl.	B.G.B.			
Uses Cl.	M.H.			
File Cl.	J.R.			

4000

Forest Supervisor, Coronado

April 4, 1962

Fred H. Kennedy, Regional Forester, By

Research - Santa Catalina Natural Area

We have had no reply to our memorandum of December 14, 1961, asking whether or not you will be able to complete the revised report on the Santa Catalina Natural Area this fiscal year. We would like to complete the report before the beginning of the heavy field season.

CPst. John: jr

W. L. GRAVES

cc: Coronado

p/c 5/4

gs  
RT  
4

Forest Supervisor, Coronado

4000(2300)  
December 14, 1961

Fred H. Kennedy, Regional Forester, By

Research - Santa Catalina Natural Area

In checking the Santa Catalina Natural Area boundary on the new planimetric map of quad 410 we find that the revised boundary of the natural area cuts across mineral patent 4238, Section 36, T. 11 S., R. 15 E. This would include about 20 acres of patented land within the natural area. Therefore, the boundary should be relocated. Since relocation is necessary anyway, we suggest that you consider placing the boundary along topographic features which can be easily identified on the ground. This type of boundary would make administration and control of the natural area much easier.

Will it be possible for you to establish this new boundary during the winter months so that we may complete this case this fiscal year?

A print of the revised boundary showing location of the patented lands in Section 25 and 36, T. 11 S., R. 15 E., is attached.

Attachment

cc:Coronado

W. L. GRAVES

CPSt. John: jr

ES

ST

cl

UNITED STATES GOVERNMENT

# Memorandum

*R. L. Myers*

TO : Regional Forester, Albuquerque, New Mexico DATE: **4000** October 18, 1961

FROM : Clyde W. Doran, Forest Supervisor

SUBJECT: Research - Santa Catalina Natural Area

RECEIVED USFS

OCT 26 1961

REGION 3  
RECREATION & LANDS

Reference is made to your memorandum dated 10/5/61.

We are returning the Gothic Natural Area Plan. Please verifax a copy of this plan for our use.

Attach.

cc: Santa Catalina R. D.

*Clyde W. Doran*

Verifax copy of plan sent as requested. 10/26/61

R-L File Copy		Info	Action	Initial
A.R.F. Smith				
Landown'ship	A.G.W.			
Adj.	D.P.G.			
Land Class.	G.W.V.			
Purchase & Minerals	D.D.G.			
	M.H.D.			
	E.R.T.			
	C.R.G.			
Rec. & Uses	E.H.T.			
	F.I.V.			
	L.P.H.			
	H.C.L.			
	H.O.D.			
	O.P.S.			
	J.S.D.			
Adm. Asst.	E.L.G.			
Div. Cl.	M.M.			
Landown. Cl.	B.R.			
Mineral Cl.	R.M.			
Rec. Cl.	L.W.			
Status Cl.	B.G.B.			
Uses Cl.	M.H.			
File Cl.	J.R.			

R-1 FILE

4000 (2300)

Forest Supervisor, Coronado

May 4, 1962

Fred H. Kennedy, Regional Forester

Research - Santa Catalina Natural Area

We are enclosing your copy of the "Recommendations for Boundary Adjustment and Classification Under Regulation U-4," concerning the Santa Catalina Natural Area. Also enclosed for your files are the following:

1. Two copies of letter to Chief, May 1, 1962, submitting Modification Report.
2. Two copies of Modification Report.
3. Four copies of L-Recreation - Coronado REPORT on Santa Catalina Natural Area, dated January 25, 1927.
4. Five copies of Land Classification Order.
5. Three copies of Exhibit #3 overlay.
6. Four copies of Map Exhibit #4.
7. Three copies of Map Exhibit #5.

Enclosures

MJHENSCH:mjh

C. E. McDuff

*Com*  
*[Signature]*  
*2/14*



Albuquerque, New Mexico

4000 (2300)

Chief, Forest Service

May 1, 1962

Fred H. Kennedy, Regional Forester, by

Research - Santa Catalina Natural Area

The Santa Catalina Natural Area was established by the Secretary of Agriculture, March 23, 1927. This action predates the authority delegated to the Chief by Regulation U-4.

Because the original area boundary survey was in error and because some land was included which was not appropriate to the natural area classification it is now necessary to correct the survey and to include only the land intended for protection and administration as a natural area.

Supposedly we could request the Secretary to rescind the 1927 order and we could then establish the natural area under Regulation U-4. This would accomplish very little because the existing classification has the same purpose. What is needed is a more accurate description of the boundary.

The original survey, if one was made, is in error, first, because the point of beginning and termination of the boundary did not close and, secondly, it was made to include land then occupied which conflicts with natural area classification.

The land within the natural area which should not have been so classified has been occupied by the Air Force for defense purposes since early World War II days and more recently for radar net and warning devices. In addition the land not used by the Defense Department has been approved for and occupied for radio-electronic site purposes under several special-use permits.

All necessary contacts have been made and approvals obtained to secure an understanding of the boundary modification. There is no known public opposition to the modification. The Director of the Rocky Mountain Forest & Range Experiment Station has expressed his approval. The modification statement is attached for approval by the Secretary of Agriculture. This reduces the originally stated area by 333 acres.

To further help anyone wishing to make a review of the proposed modification, we are attaching the following exhibits:

- I. The original report (Jan. 26, 1927)

- II. The Secretary's classification order (March 23, 1927)
- III. An overlay to be used with Exhibit IV to show the modification.
- IV. The initial boundary establishment map. Note the survey closing errors.
- V. The proposed and agreed to boundary for which approval is requested.

May we have your suggestions if you do not agree with this procedure.

Enclosures

C. E. McDuff

EHTAYLOR:mjh

4000  
October 5, 1961

Forest Supervisor, Coronado

Fred H. Kennedy, Regional Forester, By

Research - Santa Catalina Natural Area

Reference is made to your memorandum of September 26 and all previous correspondence on this case.

Please thermo-fax or verifax a copy of the Gothic Natural Area Plan furnished you as a guide and return the plan to us for transmittal to Region 2. If you do not have the equipment to make a copy return it and we will make a copy for you.

cc:Coronado

DAHL J. KIRKPATRICK

CPSt. John: jr

p/c 11/5

*[Handwritten initials]*  
*[Handwritten initials]*  
*[Handwritten initials]*

UNITED STATES GOVERNMENT

# Memorandum

RECEIVED USFS

SEP 28 1961

REGION 3  
RECREATION & LANDS

4000

RECEIVED USFS

TO : Regional Forester, Albuquerque, New Mexico

DATE: September 26, 1961

SEP 28 1961

FROM : Clyde W. Doran, Forest Supervisor, By

REGION 3

RECREATION & LANDS

SUBJECT: Research - Santa Catalina Natural Area

*Please attach*

Reference is made to your memorandum of September 18, 1961.

We have made no progress on the third revision of this report.

cc: Santa Catalina R. D.

*J. H. Richardson*

F-L File Copy		Info	Action	Initial
A.R.F. Smith	A.G.W.			
Landown'ship	D.P.G.			
Adj.				
Land Class.	G.W.V.			
Purchase	D.D.C.			
& Minerals	N.H.B.			
	E.R.T.			
	C.R.G.			
Rec. & Uses	E.H.T.			
	L.F.H.			
	H.G.L.			
	H.O.D.			
	C.P.S.			
	J.S.B.			
Adm. Asst.	E.L.G.			
Div. Cl.	M.M.			
Landown. Cl.	B.R.			
Mineral Cl.	R.M.			
Rec. Cl.	L.W.			
Status Cl.	B.G.B.			
Uses Cl.	M.H.			
File Cl.	J.R.			

U  
WITHDRAWALS-Coronado  
Military Site  
Aircraft Control and Warning Site, M-92

U  
USES-Coronado  
U. S. Army Engineers  
Aircraft Control and Warning  
Site, M-92, 6/1/55

March 19, 1959

Acting Assistant Area Engineer  
for Real Estate  
Corps of Engineers, U. S. Army  
Los Angeles District, Arizona Area Office  
211 East McDowell Road  
Phoenix, Arizona

Dear Mr. Butler:

Reference is made to your letter of April 2, 1957 to the Bureau of Land Management, Phoenix, requesting the withdrawal of an additional 1.85 acres of land located near Mt. Lession on the Coronado National Forest.

Unfortunately, your request was only recently relayed to this office, and since then we have had some unavoidable delays.

A review of our file in this case reveals that your application of January 12, 1956 to the Bureau of Land Management, Phoenix, for an original withdrawal of 25.22 acres was never formally effected. However, our file does reflect that under date of June 7, 1955 you were issued a special-use permit for this facility signed by M. H. Davis, Acting Regional Forester. Although there was some conflict which has since been resolved, involving use of the area by another permittee, our U-USES file does not otherwise reflect that authorization by virtue of special-use permit rather than withdrawal has not been satisfactory to the Air Force.

Pursuant to the joint policy agreement between the Department of the Air Force and the Department of Agriculture dated December 12, 1951, relating to the use of national-forest lands for defense purposes, a

*Ann*

Acting Assistant Area Engineer for Real Estate, 3/19/59

procedure has been worked out to authorize the Air Force, by virtue of a Memorandum of Understanding, to construct radar stations on lands within national forests. We are attaching a thermofax sample of such a Memorandum of Understanding taken from our Forest Service Handbook. We would appreciate your review of this type of authorization with the involved officials of the Air Force. If this approach meets with their and your approval in principle, we would be glad to prepare such a Memorandum of Understanding reflecting the conditions in this case and including both the original area covered by special-use permit plus the additional 1.85 acres recently requested. #

It has come to our attention that the area encompassed by both the original and this additional request is within the Santa Catalina Natural Area, established on March 23, 1927 by the Acting Secretary of Agriculture, within which the national-forest land will be so managed as to permit scientific studies of forest plants. No action has been taken heretofore to amend the Santa Catalina Natural Area so as to delete the area permitted to the Air Force. With the execution of a Memorandum of Understanding we will be willing to take steps to recommend such amending action on the Santa Catalina Natural Area.

In the event that the Air Force feels that a formal Department of the Interior withdrawal is essential to protect the area from various forms of entry, they may be advised that the proclamation establishing this area as a national forest withdrew it from all forms of entry except mineral, and oil and gas lease. In the interest of fully protecting the area for the use of the Air Force we would be willing to initiate a Department of Agriculture request of the Department of the Interior for a withdrawal of the area from mineral entry and from the oil and gas lease laws.

Very truly yours,

FRED H. KENNEDY, Regional Forester

By C E McDuff

Enclosures

L  
Recreation-Coronado  
Santa Catalina Natural Area

Tucson, Arizona  
January 25, 1927

R E P O R T

TUCSON NATURAL HISTORY SOCIETY

This is an organization formed in 1923 by a number of residents of Tucson, Arizona. The membership is composed of scientists connected with the University of Arizona and the Carnegie Desert Laboratory, nature lovers, sportsmen and public spirited citizens who are interested in conservation of natural resources, natural history, game preservation and so forth. The active membership now numbers about 200. An annual program is prepared, copy of which is attached in order to give some idea of the scope and activities of the Society. The objectives of the Society are the stimulation of interest in and appreciation of nature including both plants and animals; the popularization of the out-doors; the gaining of information regarding wild life; conservation of natural resources.

In November 1925, the Society made the proposal that a "natural area" be set aside by the Forest Service within the Santa Catalina division of the Coronado National Forest. No specific area was suggested but upon examination, an area of approximately 200 acres was tentatively designated and mapped which upon further consideration was enlarged to include the present area as shown on the attached map. A tentative set of rules to govern the area was drawn up by the Society as follows:

TENTATIVE RULES, SANTA CATALINA NATURAL AREA

(U. S. Forest Service and Tucson Natural History Society, sponsors)

The area shall be known as the Santa Catalina Natural Area.

The bounds of the area shall be as indicated on the accompanying map.

It is agreed that the area may at any time be inclosed with a fence of construction suitable to keep out livestock either by the U. S. Forest Service or the Tucson Natural History Society or both.

Grazing by any kind of domestic livestock shall be absolutely prohibited on the area.

No buildings shall be erected on the area except for protection and study.

Only such roads, trails and telephone lines shall be built and maintained on the area as are necessary for purposes of administration and protection of the area from fire.

No firearms shall be carried on the area except under seal or special permit.

No hunting, trapping nor fishing, except under permit for predatory animals or for the collection of scientific specimens, shall be allowed on the area; it is the object of the area to maintain the original conditions of the region as far as possible undisturbed for any reason whatever.

There shall be no cutting of trees or shrubs, or clearing away of logs, snags, brush or any other modification of the original conditions, except as necessary for fighting fires.

Extraordinary care must be exercised to protect the area, which, as the years go by, will be increasingly valuable as a scientific natural object lesson, from the ravages of fire.

Suitable signs, with the name of the area, and bearing the following or similar instructions, shall be posted at all points of entrance of trails into the area:

#### SANTA CATALINA NATURAL AREA

"For the preservation of natural conditions undisturbed for all time. Designed for study by foresters, livestock men, naturalists, scientists, and the general public. Please give us your cooperation in being especially careful with fires, and by leaving the soil, rocks, plants, animals, and all other modifiable features in an undisturbed and natural condition."

FOREST SERVICE, UNITED STATES DEPARTMENT OF AGRICULTURE  
TUCSON NATURAL HISTORY SOCIETY.

#### LOCATION AND AREA

In portions or in whole of unsurveyed Sections 25, 26, 34, 35 and 36, T. 11 S., R. 15 E. and unsurveyed Sections 2, 3, 4, 9, 10, 11 and 15, T. 12 S., R. 15 E., G. & S.R.M., containing 4,464 acres more or less. The area is located about 60 miles north of Tucson, Arizona by a highway and is adjacent to the Mt. Lemmon Recreational Area on the Coronado National Forest.

#### ELEVATION

The elevation varies from 9150 feet on Mt. Lemmon to about 5500 feet on the southern portion of the area.



## TOPOGRAPHY

The area for the most part includes an extremely rough and precipitous section and is practically inaccessible in some portions. The so-called "Wilderness of Rocks" is included within the area and the entire area is within a basin about one mile wide by three miles long with a generally southwest exposure. The area is within the Marshall Gulch and Lemmon Creek drainages.

## COVER

The cover consists of western yellow pine, with a scattering stand of Douglas fir, White pine, Engelmann spruce and Cork-bark fir with aspen on the higher elevations; in the stream bottoms such hardwoods as sugar maple, boxelder, alders and associated types occur; on the southerly exposures, the cover is mostly of the browse type chiefly netleaf and silver leaf oak with an admixture of Juniper and Arizona cypress. In all, approximately 2800 acres include conifers yielding approximately 1200 ft. B.M. per acre, 400 acres of deciduous types yielding about 5 cords per acre and 1200 acres of brush types which would yield about 3 cords per acre. In fact a very wide range of native flora is contained within the area from the semi-desert to the alpine type. This timber is almost wholly inaccessible from a commercial standpoint and any management plan would of necessity eliminate this area from exploitation due to its inaccessibility. Accordingly, the setting aside of the area for the purpose indicated would not conflict with management plans existing or proposed or with any working circle in connection therewith.

## LAND CLASSIFICATION

The entire area has been classified as non-listable under the Acts of June 11, 1906 or August 10, 1912 and is chiefly valuable for forest purposes.

## SPECIAL USES AND RIGHTS OF WAY

None in existence. While the demand for recreational use in the way of summer homes adjacent to this area is considerable, there is ample room for expansion on other portions of the Catalina division for this purpose. The water power possibilities are negligible or wholly lacking.

## GRAZING

The greater part of the area is closed to grazing at present by reason of the exclusion from grazing of the existing Mt. Lemmon Recreational Area. The remainder of the area has never been grazed by domestic stock as it is practically inaccessible from any point due to the topography. Accordingly the factor of grazing will not cause any disturbance to range management plans.

## FIRE AND FOREST SERVICE IMPROVEMENTS.

The fire hazard is high but the area is included with the fire protection system in force on the Catalina Division and Forest Service trails have

been constructed within the past few years to provide for access in the event of fire. Other than possible additional trails and ways or telephone lines for protection purposes, no improvements are contemplated. Existing Forest Service improvements consist of a cabin for housing a fire guard and a fire lookout tower on Mt. Lemmon.

#### GAME

The entire area, and in fact, the entire Catalina Division, is within a State Game Refuge. Many deer are found within the area of the white-tail species and one of the few remaining bands of Rocky Mountain sheep are contained within or adjacent to this area.

#### RECOMMENDATIONS

It is recommended that the proposed rules of the Society be approved with modifications and that the area be set aside under the procedure for the dedication of recreation areas as a special measure of preservation or recreational resources under formal order by the Secretary.

There follows a draft of the proposed order:

#### RESERVATION FOR RECREATIONAL PURPOSES OF LANDS WITHIN THE CORONADO NATURAL FOREST ADJACENT TO TUCSON, ARIZONA.

"Pursuant to an Act of Congress directing the Secretary of Agriculture to select, classify, and segregate lands within the boundaries of National Forests that may be opened to homestead entry, certain lands aggregating 4464 acres more or less within the Coronado National Forest, situated adjacent to Tucson, Arizona, as indicated upon the diagram hereto attached, have been duly examined, and, being found to comprise natural resources susceptible of many public uses and possessing much scenic beauty which should be available to the public, were classified and segregated on 9-22-1927 as not chiefly valuable for agriculture and therefore not subject to segregation under the Act of August 10, 1912.

It appears that these lands are not only of great value for National Forest purposes but should also be permanently retained in Government ownership in order to provide for their protection, development, use and enjoyment by the general public, and can be so administered by the Forest Service without additional expense to the Government."

Approved: January 25, 1927

Fred Winn

Forest Supervisor.

Approved: January 26, 1927

John R. Jones

Acting District Forester

L  
Recreation-Coronado,  
Santa Catalina Natural Area.

Albuquerque, New Mexico,  
October 20, 1926.

Memorandum for Forest Supervisor:

Reference is made to your memorandum of October 8:

This case received the tentative approval of all the branches of this office when it was submitted by your letter of November 24, 1925.

Of course, we will not be in a position to advise the Natural History Society definitely until the action recommended has been approved by the Secretary.

What I meant by my memorandum of August 10 was that if you assembled the data now scattered through several letters and partial reports in a complete final report, you would have the necessary basis for action. I do not like to send a matter to the Secretary's office except in finished form. It is hoped, therefore, that you can prepare a complete report for forwarding to Washington in the near future. When you send in the case, please send your tracing of the Frieborn survey in order that we may make extra copies.

Since this was originally proposed as a natural area for the preservation of types and species and the tentative rules specifically provided that the area should be closed to grazing, I am wondering if you really intended by your letter of October 8 to indicate that grazing permits would be issued. You are, of course, correct that grazing is not a conflict with the wilderness idea. District 5 apparently has a definition of wilderness which means merely exclusive use for recreation but does not object to hotels, summer homes, etc. This Santa Catalina case is peculiar to itself in that something more than a wilderness is being sought and I believe on further consideration you will agree that the matter should be submitted on the basis of excluding grazing as well as other forms of use.

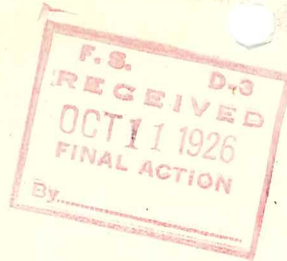
*Morton M. Cheney*

Assistant District Forester.

COPY SENT RANGER

CC

CC



L  
Recreation-Coronado  
Santa Catalina Natural Area

Tucson, Arizona,  
October 8, 1926

Memorandum for District Forester:

Reference is made to your memorandum of August 10.

Due to various unforeseen circumstances and Mr. McKenzie's long absence in California the additional work which we had planned, as explained in his letter of July 23 has not been undertaken. I am, however, acting on the basis of your memorandum of August 10 and enclosing a base map in part, as it appears unnecessary to include the entire Forest with such remote districts as the Animas or Chiricahuas which have no bearing on this area.

The use made of the area which is included in the proposed area is negligible. Our status shows the entire area to be clear. In Section 36, T. 11 S., R. 15 E., there are two special use permits for pipe lines and a few summer home lots but these would cause little conflict with the Natural Area and it might even be possible to eliminate the jog in Section 36 from the area. The policy would be to issue no further special use permits, except possibly for grazing. The area is within the Sabino Basin grazing allotment but, as shown in Ranger Frieborn's report, this is a minor use. In any event, it is not my idea that grazing and wilderness areas are in conflict to any great extent. The surrounding area to the north and northeast is intensively used for recreational purposes, summer home sites, public camp grounds etc.

That to the west, south and east is largely unused, as to the region is too rough to permit of easy access. All of the area is within a State Game Refuge. As shown by Mr. Frieborn, the sale of timber in this area is an impracticable proposition from a saw-timber standpoint and cordwood or other products are too difficult to get out. The

D.F.

fire hazard is undoubtedly high but the area is controlled by the Mt.Lemmon lookout and in near proximity to our fire organization force and is crossed by two trails which permit of reaching it without difficulty.

By reference to your letter of June 10 it was my idea that this report can now go to the various offices and then if any further suggestions are offered we will be glad to act on them. There is no use in going into a whole lot of detail if there is to be objection to the idea itself.

I should like to advise the Tucson Natural History Society as soon as possible of the action which we intend to take.



FRED WINN,

Forest Supervisor.

FW/FH  
Enc.

L  
Recreation-Coronado  
Santa Catalina Natural Area

Albuquerque, N. M.,  
August 10, 1926.

Memorandum for Forest Supervisor, Coronado:

Your letter of July 23 is received.

I believe that the data you now have assembled in a final report will cover this case, but perhaps it would be well to use a Forest base map to show the relation of the area to the rest of the Forest and cover briefly the use which is made of the surrounding lands in order that the setting may be as complete as possible.

M W CHENEY

Assistant District Forester.

*Copy Sent Ranger.*

B. E. G.

BES  
Said papers please

UNITED STATES DEPARTMENT OF AGRICULTURE  
FOREST SERVICE  
CORONADO NATIONAL FOREST

ADDRESS REPLY TO  
FOREST SUPERVISOR  
AND REFER TO

F.S. RECEIVED  
JUL 26 1926  
FINAL ACTION  
By  
TUCSON, ARIZONA  
July 23, 1926

L  
Recreation-Coronado  
Santa Catalina Natural Area

District Forester,  
Albuquerque, New Mexico.

Dear Sir:

In accordance with Mr. Cheney's letter of June 10, 1926 Ranger Frieborn has made the necessary compass survey, map and general report covering the proposed Santa Catalina Natural Area.

You will note from the map that the only tie is to a U.S.G.S.B.M. Is this sufficient or will it be necessary to run several miles of line and tie to a G.L.O. corner?

In Ranger Frieborn's report he mentions the various species of timber found on the area and the merchantability of same.

The ocular estimate of timber will be made immediately after the fire season and the estimate included in the final report.

I am enclosing herewith copy of the Ranger's report and map which will give you a general idea of the area in question.

Please advise what additional data are required and we will endeavor to put the report in final form and have it in your office within thirty days.

Very truly yours,  
FRED WINN, Forest Supervisor,  
By *[Signature]*, Acting.

CWM/FH  
Enc.

Refer to \_\_\_\_\_ For \_\_\_\_\_  
 F. W. \_\_\_\_\_ Action \_\_\_\_\_  
 Comment \_\_\_\_\_  
 UNITED STATES DEPARTMENT OF AGRICULTURE  
 J. C. R. \_\_\_\_\_ Reading \_\_\_\_\_  
 FOREST SERVICE  
 W. P. C. \_\_\_\_\_ Copy to \_\_\_\_\_  
 CORONADO NATIONAL FOREST  
 M. B. \_\_\_\_\_ Return to \_\_\_\_\_  
 F. H. \_\_\_\_\_

FOREST SERVICE  
 CORONADO NATIONAL FOREST  
 TUCSON, ARIZONA  
 JUL 19 1926  
 RECEIVED  
 Answered \_\_\_\_\_



L.  
 Recreation-Coronado.  
 Santa Catalina Natural Area.

Soldier Camp R.S.,  
 July 16th., 1926.

LOCATION AND AREA. Approximately 4000 acres, applied for by the Tucson Natural History Society, for the purpose of having set aside as a natural wilderness area, and closing to all other purpose or use. Area located in Secs. 26,34,35 and 36, T. 11 S., R., 15 E. and Secs. 1,2,3,4,9,10,11,14,15 and 16, T. 12 S, R 15 E. Composing the entire drainage of Marshal Gulch and Lemmon Creek.

TOPOGRAPHY. The larger part of this area lies in the Wilderness of Rocks, and is true to name, being a basin about one mile wide by three miles long, with a S.W. exposure, almost all of it is rock formation. The remainder, that in Marshal Gulch, is E. exposure and very rich soil type.

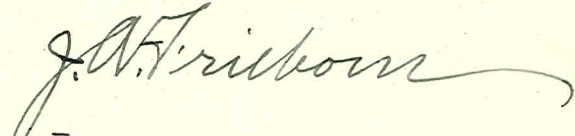
TIMBER. Of the area, approximately 2400 acres are mature Y.P. running about 1200 B.Ft. per acre, with very little reproduction, 1200 acres of brush, mostly netleaf and silverleaf oak, and about 400 acres of hardwoods along the creeks, sugar maple, boxelder, water alders and associate types with 2 acres of pure quaking aspen in Marshal Gulch. There are scattering Douglas Firs, White Pine, Engleman Spruce, and a few Cork Bark Firs. The merchantable timber on this area is ~~is~~ almost inaccessible from a commercial standpoint, and the area in the Wilderness of Rocks would be almost impossible to log, all other conditions being



favorable.

GRAZING. A greater part of the area is included in the Catalina Recreational Area and is closed to grazing, the remainder lies in the Wilderness of Rocks and has never been grazed by domestic stock as it is practically inaccessible from any point except through the saddle at the head of Marshall Gulch. This is an ideal game range and well stocked at present with deer, and it is planned, by the State Game Warden, to stock it with elk.

OTHER REMARKS. This area has all the timber and soil types found in the Catalinas, and a very wide range of flora, from the semi desert type to the alpine. It is not believed that any demand will be made for timber nor homesites, on the area.

  
Forest Ranger.

L  
Recreation-Coronado  
Santa Catalina Natural Area

June 10, 1926.

Forest Supervisor,  
Tucson, Arizona.

Dear Mr. Winn:

Your letter of June 5 is received.

In order to get a formal dedication of the area in this case, I believe a simple metes and bounds description is desirable with a definite tie. This can be made by compass survey.

No actual cruise of the timber is necessary, but an ocular estimate is desirable, giving the species, the approximate volume of each species, and facts as to accessibility, merchantability, etc. In other words, we should be prepared to show what we are tying up for the particular purpose in question. My letter of January 15 mentions roughly the other subjects which I think should be discussed in the report.

Of course, a topographic description by drainages, referring to a U.S.G.S. map in addition to the survey is desirable.

I do not think there will be anything difficult in securing dedication of the area after the facts have been put together in report form, but it might be well to send in a map and the general facts in advance for consideration by this office before making the actual survey. We were all agreed here that the original recommendation was too small, but personally I can not say what all the offices will think of the area of six acres now under consideration and can not even form an opinion myself without the map and report. I believe it would be well for us to agree on a desirable acreage before you go to the expense of survey.

Very sincerely yours,

FRANK C. W. POOLER, District Forester,

By: M M CHENEY

*Copy Sent Ranger*

B. E. G.

UNITED STATES DEPARTMENT OF AGRICULTURE  
FOREST SERVICE  
CORONADO NATIONAL FOREST

ADDRESS REPLY TO  
FOREST SUPERVISOR  
AND REFER TO

L  
Recreation-Coronado  
Santa Catalina Natural Area.



TUCSON, ARIZONA

June 5, 1926

District Forester,  
Albuquerque, New Mexico.

Dear Sir:

Reference is made to your letter of January 15.

On May 30 a further examination was made of this proposed project by members of the Natural History Society and local Forest Officers and it was decided to include an area of approximately six sections. Before going into detail in the report etc., I should like to know if it would not be possible to describe the area by topographic description rather than by a detailed metes and bounds survey. As a matter of fact, a considerable portion of the area is inaccessible. We can use the U.S.G.S. map to good advantage. I do not suppose the area need be cruised to determine the stand of timber but I would like your ideas as to just how much detail is needed in the report.

As for its dedication by the Secretary, it seems to me that is a detail which can wait until we have proceeded further in the matter. As you know, this is something new and we will have to feel our way along.

Very truly yours,

  
FRED WINN,

Forest Supervisor.

FW/EH

L  
Recreation-Coronado  
Santa Catalina Natural Area

January 15, 1926.

Forest Supervisor,  
Tucson, Arizona.

Dear Mr. Winn:

Reference is made to your letter dated November 24, but probably written November 24, although not received here until January 11.

Your recommendation for dedication of this area, as discussed when I was in Tucson, fits in with a recent suggestion from the Forester for extension of this dedication procedure to areas where warranted. We feel, however, before proceeding in the matter that additional data will be necessary. In the first place, it would be necessary to indicate the area more definitely than by reference to a map, which does not show any tie or courses and distances of the area itself. Field notes of the survey including a tie should be furnished and a general report describing the area seems desirable, giving the amount and species of timber, forage, cover, accessibility, topography, slope, soil, and other features ordinarily included in a land description report. The question has been raised here by several officers whether the area is of sufficient size and so located that use and conditions on adjoining lands would permit it to remain natural. We think you should consider the possibility of including a considerably larger area without too much interference with other uses.

In going over your suggested rules, they appear generally satisfactory, although the restrictions suggested are such that it would be necessary to secure a dedication by the Secretary of Agriculture rather than one of the minor forms of dedication. Of course, it is not known how far the Secretary will be willing to go in dedicating lands to a special use of this kind, which restricts the use of the land more than is contemplated for the ordinary dedication to recreational purposes.

Very sincerely yours,

FRANK C. W. POOLER, District Forester,

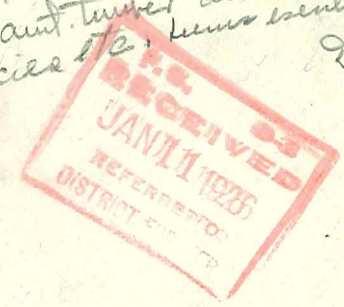
By: *M M CHENEY*

*Copy Sent Ranger.*

*B. E. G.  
B. E. G.*

*S. R. 6-14*  
*Pearson*

*See Report on Conditions  
such as ant. timber, accessibility  
species etc. seems essential*



*For in favor of letting them  
have it. Perhaps it should  
be larger. Apparently it would  
interfere practically not at  
all with any present or prospective other use*

UNITED STATES DEPARTMENT OF AGRICULTURE  
FOREST SERVICE  
CORONADO NATIONAL FOREST



ADDRESS REPLY TO  
FOREST SUPERVISOR  
AND REFER TO

*all with any present or prospective other use*

Uses-Coronado  
Santa Catalina Natural Area

*Bull*

TUCSON, ARIZONA  
November 24, 1925

District Forester,  
Albuquerque, New Mexico.

Dear Sir:

The Tucson Natural History Society is a non-commercial organization with a membership of approximately 300. The objects of the Society are the stimulation of interest in and appreciation of nature, including both plants and animals; the popularization of the outdoors; the gathering of information regarding wild life; and the conservation of natural resources.

For sometime the Society has been interested in having a natural area permanently set aside within the forest in the Catalina mountains. They recently inspected and approved the area indicated on the attached map.

It is the wish of the Society that the area be dedicated the Santa Catalina Natural Area.

At my request, they have also submitted a set of tentative rules to govern the administration of the area. A copy of the suggested rules is herewith attached.

The proposed area will in no way interfere with the present administration and use of the forest. The area is not needed for recreational purposes now and I doubt very much if there will be any demand for its use within the next ten or twenty years. There are many other new recreational areas in the Catalinas that should be developed prior to this if the demand should warrant. Increased recreational use in the Catalinas would only tend to prove more than ever the need for a "natural area" that would be available for study by scientists.

*field note*  
*X we need, a course + distance desc. + tre.*

*Copy sent Supr + Ranger*

✓ L  
Classification - Coronado

January 26, 1927.

L  
Recreation - Coronado  
Santa Catalina Natural Area

The Forester,

Washington, D. C.

Dear Sir:

Enclosed herewith is report in the above case for your consideration, and map is being sent rolled under separate cover.

This report covers an area of 4,464 acres in the Catalina Division of the Coronado National Forest, and is adjacent to the Mt. Lemon Recreational Area, commonly known as Soldier Camp, where a development along recreational lines for summer homes has developed at the end of a Forest Development road and at an elevation of about 9,000 ft. in an attractive stand of Western yellow pine, with scattering occurrence of other species.

As brought out in the report, it is proposed to dedicate the area now under consideration for preservation of natural conditions in recognition of the value of such an area not only for scientific observations by the Forest Service but the Tucson Natural History Society.

It is recognized, of course, that the instructions on Pages 99 and 100 of the Manual, providing for dedication of areas within the Forest, contemplate protection for recreation, and so far this has been largely along the lines of establishing various types of wilderness areas. Mr. Kneipp's letter of December 30, 1925, dealing with the subject of dedication and Colonel Greeley's letter of December 30, 1926, laying down a more definite policy for wilderness areas, both indicated possibility of the development of this form of use beyond merely recreational aspects. It is

*H.B.W.*

*D.R.*

*J.K.*

*mmc*

*2.1.8.*

*G.A.S.*

The Forester

believed that dedication of lands for preservation in a natural virgin state for purposes of purely preservation and scientific studies is of equal importance with recreation, and that you will view this project with approval. In fact, we believe that this comes directly within Colonel Greeley's letter of December, 1926, as one of the small areas of wilderness type that should be preserved. While it was first considered on a single section basis, the natural limitations make the area now recommended fully available and insure a large rough area for better scientific results.

This dedication will affect grazing very little, while the natural resources in the way of timber stand are so limited that commercial operation would not be possible in this rough and remote region. There is, therefore, little, if any, sacrifice of commercial assets.

We are not entirely clear whether the Secretary has the authority to approve the rules as worked out with the Natural History Society, and are submitting the papers therefore with the request that if any or all of these rules interfere with the project, they be eliminated in order that early approval of the withdrawal of the area may be secured.

Very truly yours,

FRANK C. W. POOLER, District Forester,

By *John D Jones* Acting.

Enclosure

## NATURAL AREA IS DEDICATED

### Large Delegation From Tucson Takes Part in Observance

Formal dedication of the Santa Catalina natural area, a large tract situated in the Marshall gulch region on the southern slope of the Santa Catalina mountains, set aside as a natural resource reserve by the government following efforts on the part of Tucson Natural History Society, was held at 8 o'clock last night at the mouth of Marshall gulch by a large group of the members of the organization who are spending the week-end at the reserve.

Among the speakers for the dedication exercises was Dr. Charles T. Vorhies, who opened the ceremonies with a talk thanking F. E. A. Kimball, one of the leaders in the campaign to set the territory aside, for his fine work. Dr. Forest Shreve of the Carnegie Desert laboratory, followed with a brief address on the natural history of Marshall gulch.

Visitors who spoke at the dedication were J. D. Jones, of the United States forest reserve, Albuquerque, N. M., his subject being "Natural Areas and the U. S. Forest Service"; C. A. Pearson, director of the Southwest Forest Experiment station at Flagstaff, and Governor G. W. P. Hunt. The ceremonies were concluded with the dedication by Dr. Walter P. Taylor of the United States biological survey.

The territory has been set aside by the government upon the request of the local organization for the purpose of preserving for the future the trees, birds, flowers, animals and other natural resources found there. The tract will be under the supervision of the officials of the Coronado forest reserve which will enforce rules compiled jointly by the service and the Natural History society.

Arizona Daily Star

5-13-28

Pub. in Tucson, Arizona.



LF

L  
Classification-Coronado  
Santa Catalina Natural Area

Albuquerque, N. M.,  
March 28, 1927.

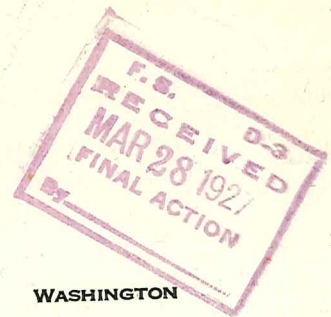
Memorandum for Forest Supervisor, Coronado:

I am very glad to enclose herewith the original and one copy of Acting Secretary Dunlap's order of March 23 for the Santa Catalina Natural Area. While no specific rules have been approved by the Secretary, the order as drawn places the administration and management of the area in your discretion to be worked out with the Society and such rules applied as you find desirable.

*M. M. Cheney*

Assistant District Forester.

UNITED STATES DEPARTMENT OF AGRICULTURE  
FOREST SERVICE



ADDRESS REPLY TO  
THE FORESTER  
AND REFER TO

WASHINGTON

March 24, 1927.

I  
Classification,  
Coronado,  
Santa Catalina  
Natural Area.

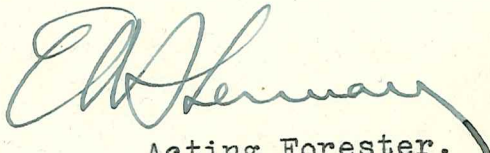
District Forester,  
Albuquerque, N. Mex.

Dear Mr. Pooler:

Enclosed for your information are copies of the Acting Secretary's order of March 23 designating for retaining in natural condition lands within the Santa Catalina Mountains, Coronado National Forest, in which the Tucson Natural History Society is interested.

We do not feel here that it is necessary for the Secretary to enter into any agreement with this organization or anybody else respecting the administration of the land. Such details of management as the Supervisor, with your approval, wishes to work out with the society would be acceptable to this office. As far as we can see, there is only a question of restricted use and it is probably unnecessary to enter into any formal agreement respecting that. The management plans for the Forest can probably take care of the situation satisfactorily.

Very sincerely yours,

  
Acting Forester.

Enclosures.

Copy sent Coronado

Copy for information of Director

3

L  
Classification,  
Coronado,  
Santa Catalina Natural Area.

March 17, 1927.

The Secretary of Agriculture.

Dear Mr. Secretary:

I am submitting for your consideration and approval, if you find it unobjectionable, the draft of an order which will designate an area of approximately 4,464 acres within the Coronado National Forest, Arizona, to be retained in its present natural status in order that the flora of the region may be studied by the Tucson Natural History Society which is composed largely of scientists connected with the University of Arizona and the Carnegie Desert Laboratory, and other like scientific organizations. This is a very rough region lying at an elevation of about 9,000 feet, located to the southward of Tucson, and is admirably adapted for the purpose which the scientists have in mind. In my judgment, it would be in the public interest to designate the area as proposed, to the end that the Supervisor of the Coronado National Forest, in planning for the management of that forest, may know that the retaining of the area in its natural status has the approval of the Department. The Supervisor, of course, will work out with the local organizations such details of administration as need to be put into effect.

I recommend that the order be given your approval.

Very sincerely yours,

*E. A. Sherman*

Acting Forester.

Enclosure.

Copy sent Supervisor

Originated in Forestry  
Initialed by SAS  
Rewritten in Solicitor's Office

L-er  
3-19-27

I  
Classification-Coronado  
Santa Catalina Natural Area

LAND CLASSIFICATION ORDER

Designation for Retaining in Natural Condition Lands within the  
Santa Catalina Mountains, Coronado National Forest.

Pursuant to the Act of Congress of August 10, 1912 (37 Stat., 287), directing the Secretary of Agriculture to select, classify, and segregate lands within the boundaries of National Forests that may be opened to homestead entry, certain lands, adjacent to the Mt. Lemmon Recreational Area, in unsurveyed Sections 25, 26, 34, 35 and 36, T. 11 S., and unsurveyed Sections 2, 3, 4, 9, 10, 11 and 15, in T. 12 S., R. 15 E., G. & S. R. M., containing 4,464 acres, more or less, as shown by a survey made by Forest Ranger J. A. Frieborn in July, 1926, located in the Santa Catalina Mountains, within the Coronado National Forest, Arizona, were duly examined, classified and segregated as not being chiefly valuable for agriculture and, therefore, not subject to segregation under said Act.

It now appears that these lands are not only of value for timber production and streamflow protection, but also that they contain cover of such a character that it would be in the public interest to keep this in its present status in so far as practicable, to the end that the flora may be made the subject of study by the Natural History Society of Tucson, Arizona, and other like scientific organizations.

Now, therefore, I, R. W. Dunlap Acting Secretary of Agriculture, do hereby give public notice that the above-mentioned area is hereby designated as the Santa Catalina Natural Area and that all National Forest lands therein shall be so managed as to permit scientific studies of the forest growth. The administration and use of this area shall be governed by the spirit of this order and no use shall be allowed or permitted that will interfere with the broad public purposes herein set forth.

In Testimony Whereof, I have hereunto set my hand and official seal at Washington, this 23rd day of March, 1927.

Secretary's File Room:

(Signed)

R. W. Dunlap  
Secretary of Agriculture.

(Seal)

1  
Recreation-Coronado  
Santa Catalina Natural Area

Tucson, Arizona  
January 25, 1927

REPORT

TUCSON NATURAL HISTORY SOCIETY

This is an organization formed in 1923 by a number of residents of Tucson, Arizona. The membership is composed of scientists connected with the University of Arizona and the Carnegie Desert Laboratory, nature lovers, sportsmen and public spirited citizens who are interested in conservation of natural resources, natural history, game preservation and so forth. The active membership now numbers about 200. An annual program is prepared, copy of which is attached in order to give some idea of the scope and activities of the Society. The objectives of the Society are the stimulation of interest in and appreciation of nature including both plants and animals; the popularization of the out-doors; the gaining of information regarding wild life; conservation of natural resources.

In November 1925, the Society made the proposal that a "natural area" be set aside by the Forest Service within the Santa Catalina division of the Coronado National Forest. No specific area was suggested but upon examination, an area of approximately 200 acres was tentatively designated and mapped which upon further consideration was enlarged to include the present area as shown on the attached map. A tentative set of rules to govern the area was drawn up by the Society as follows:

TENTATIVE RULES, SANTA CATALINA NATURAL AREA

(U. S. Forest Service and Tucson Natural History Society,  
sponsors)

The area shall be known as the Santa Catalina Natural Area.

The bounds of the area shall be as indicated on the accompanying map.

It is agreed that the area may at any time be inclosed with a fence of construction suitable to keep out livestock either by the U. S. Forest Service or the Tucson Natural History Society or both.

Grazing by any kind of domestic livestock shall be absolutely prohibited on the area.

No buildings shall be erected on the area except for protection and study.

Only such roads, trails and telephone lines shall be built and maintained on the area as are necessary for purposes of administration and protection of the area from fire.

No firearms shall be carried on the area except under seal or special permit.

No hunting, trapping nor fishing, except under permit for predatory animals or for the collection of scientific specimens, shall be allowed on the area; it is the object of the area to maintain the original conditions of the region as far as possible undisturbed for any reason whatever.

There shall be no cutting of trees or shrubs, or clearing away of logs, snags, brush or any other modification of the original conditions, except as necessary for fighting fires.

Extraordinary care must be exercised to protect the area, which, as the years go by, will be increasingly valuable as a scientific natural object lesson, from the ravages of fire.

Suitable signs, with the name of the area, and bearing the following or similar instructions, shall be posted at all points of entrance of trails into the area:

#### SANTA CATALINA NATURAL AREA

"For the preservation of natural conditions undisturbed for all time. Designed for study by foresters, livestock men, naturalists, scientists, and the general public. Please give us your cooperation in being especially careful with fires, and by leaving the soil, rocks, plants, animals, and all other modifiable features in an undisturbed and natural condition."

FOREST SERVICE, UNITED STATES DEPARTMENT OF AGRICULTURE  
TUCSON NATURAL HISTORY SOCIETY.

#### LOCATION AND AREA

In portions or in whole of unsurveyed Sections 25, 26, 34, 35 and 36, T. 11 S., R. 15 E. and unsurveyed Sections 2, 3, 4, 9, 10, 11 and 15, T. 12 S., R. 15 E., G. & S.R.M., containing

4,404 acres more or less. The area is located about 60 miles north of Tucson, Arizona by a highway and is adjacent to the Mt. Lemmon Recreational Area on the Coronado National Forest.

#### ELEVATION

The elevation varies from 9,150 feet on Mt. Lemmon to about 5,500 feet on the southern portion of the area.

#### TOPOGRAPHY

The area for the most part includes an extremely rough and precipitous section and is practically inaccessible in some portions. The so-called "Wilderness of Rocks" is included within the area and the entire area is within a basin about one mile wide by three miles long with a generally southwest exposure. The area is within the Marshall Gulch and Lemmon Creek drainages.

#### COVER

The cover consists of western yellow pine, with a scattering stand of Douglas fir, white pine, Engelmann spruce and Cork-bark fir with aspen on the higher elevations; in the stream bottoms such hardwoods as sugar maple, boxelder, alders and associated types occur; on the southerly exposures, the cover is mostly of the browse type chiefly netleaf and silver leaf oak with an admixture of Juniper and Arizona cypress. In all, approximately 2800 acres include conifers yielding approximately 12 ft. B.M. per acre, 400 acres of deciduous types yielding about 5 cords per acre and 1200 acres of brush types which would yield about 3 cords per acre. In fact a very wide range of native flora is contained within the area from the semi-desert to the alpine type. This timber is almost wholly inaccessible from a commercial standpoint and any management plan would of necessity eliminate this area from exploitation due to its inaccessibility. Accordingly, the setting aside of the area for the purpose indicated would not conflict with management plans existing or proposed or with any working circle in connection therewith.

#### LAND CLASSIFICATION

The entire area has been classified as non-listable under the Acts of June 11, 1906 or August 10, 1912 and is chiefly valuable for forest purposes.

### SPECIAL USES AND RIGHTS OF WAY

None in existence. While the demand for recreational use in the way of summer homes adjacent to this area is considerable, there is ample room for expansion on other portions of the Catalina Division for this purpose. The water power possibilities are negligible or wholly lacking.

### GRAZING

The greater part of the area is closed to grazing at present by reason of the exclusion from grazing of the existing Mt. Lemmon Recreational Area. The remainder of the area has never been grazed by domestic stock as it is practically inaccessible from any point due to the topography. Accordingly the factor of grazing will not cause any disturbance to range management plans.

### FIRE AND FOREST SERVICE IMPROVEMENTS

The fire hazard is high but the area is included with the fire protection system in force on the Catalina Division and Forest Service trails have been constructed within the past few years to provide for access in the event of fire. Other than possible additional trails and ways or telephone lines for protection purposes, no improvements are contemplated. Existing Forest Service improvements consist of a cabin for housing a fire guard and a fire lookout tower on Mt. Lemmon.

### GAME

The entire area, and in fact, the entire Catalina Division, is within a State Game Refuge. Many deer are found within the area of the white-tail species and one of the few remaining bands of Rocky Mountain sheep are contained within or adjacent to this area.

### RECOMMENDATIONS

It is recommended that the proposed rules of the Society be approved with modifications and that the area be set aside under the procedure for the dedication of recreation areas as a special measure of preservation or recreational resources under formal order by the Secretary.

There follows a draft of the proposed order:

#### RESERVATION FOR RECREATIONAL PURPOSES OF LANDS WITHIN THE CORONADO NATIONAL FOREST ADJACENT TO TUCSON, ARIZONA

"Pursuant to an Act of Congress directing the Secretary of Agriculture to select, classify, and segregate lands within the



boundaries of National Forests that may be opened to homestead entry, certain lands aggregating 4,464 acres more or less within the Coronado National Forest, situated adjacent to Tucson, Arizona as indicated upon the diagram hereto attached, have been duly examined, and, being found to comprise natural resources susceptible of many public uses and possessing such scenic beauty which should be available to the public, were classified and segregated on \_\_\_\_\_ as not chiefly valuable for agriculture and therefore not subject to segregation under the Act of August 10, 1912.

It appears that these lands are not only of great value for national forest purposes but should also be permanently retained in Government ownership in order to provide for their protection, development, use and enjoyment by the general public, and can be so administered by the Forest Service without additional expense to the Government."

Approved:

January 25, 1927  
(Date)

Fred Winn  
Forest Supervisor

Approved:

January 26, 1927  
(Date)

John D. Jones  
Acting District Forester

2320 - Coro  
Natural Areas  
Santa Catalina

FILE

2760

July 30, 1959

CHIEF, FOREST SERVICE

FRED H. KENNEDY, Regional Forester, By

Withdrawals

Coronado  
Military Site  
Aircraft Control and Warning Site,  
M-92

We are attaching copies of the following correspondence in this case.

1. Corps of Engineers' application of January 12, 1956, to BIM with attached description of land plus two Drawings No. 455-M-2C and 455-M-3C for original 25.22 acres.
2. Corps application of April 2, 1957, to BIM for additional 1.85 acres.
3. BLM letter of December 30, 1958, to Regional Forester.
4. Our letter of March 19, 1959, to Corps.
5. Corps answer of July 1, 1959.

Our letter of March 19, to the corps briefly reviews developments over the years. (You will recall the conflict with a radio station, Radio Electronics Engineering Company, 8/1/52, that was subject of a U-Uses memo dated June 15, 1956. This permit case has subsequently been closed.) Our letter to the Corps urged consideration of the Memorandum of Understanding approach (FSH Title 2700, Sample 2, page 201) by the Air Force and offered to make requests to have the area additionally withdrawn from mineral entry and the oil and gas lease laws. However, the Air Force by the Corps letter of July 1, rejected our proposal and still wants exclusive jurisdiction for national defense originally requested of BIM

We feel that authorization by the Memorandum of Understanding would fully protect the Air Force's interests in the area. Ordinarily this would be our recommendation to you. However, we are not sure that we are qualified to judge the particular needs of the Air Force with respect to national defense. In view of this we recommend your consideration of the matter and possibly your discussion with Air Force people at the Washington level with respect to authorization by the

Chief, Forest Service - 7/30/59

Memorandum of Understanding supplemented by such withdrawals, requested by the Secretary of Agriculture, as may appear warranted.

As you know, the Santa Catalina Natural Area is on Mt. Lemmon and the 1955 military installation has already encroached into it. The Forest Supervisor is checking the exact location on the ground with members of the Tucson Natural History Society, looking toward formal recommendations for revision of the boundary of the Natural Area.

Attachments

Dahl J. Kirkpatrick

cc: Coronado - 4

cc: Santa Catalina Natural Area - File

U FILE

U FILE

Albuquerque, New Mexico

*Ham*  
3/30

Coronado

March 24, 1959

Zane G. Smith, Assistant Regional Forester, By

U-WITHDRAWALS - Coronado - Military Site - Aircraft Control and Warning  
Site, M-92

~~U-CLASSIFICATION~~ - Coronado - Natural Areas - Santa Catalina Natural Area

Reference is made to your memorandum of February 12.

We concur with the course of action which you have outlined.

GORDON A HAMMON

Forest Supervisor, Coronado

4000

September 18, 1961

Zane G. Smith, Assistant Regional Forester, By

Research - Santa Catalina Natural Area

Reference is made to our memorandum of June 2, 1961. Please let us know what progress has been made on the report for the Santa Catalina Natural Area.

cc:Coronado

CPSt. John: jr

*P/c - Oct 10*

G. W. VANGILST

*Iswo*

*ST*

*cl*

Forest Supervisor, Coronado

4000  
June 2, 1961

Zane G. Smith, Assistant Regional Forester, By

Research - Santa Catalina Natural Area

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

Attached is a copy of the rough draft "Recommendations for Boundary Adjustment of the Santa Catalina Natural Area" as prepared by you and Gordon Hammon. We think that this report should be prepared in a more formal manner similar to that used in the "Report of Revision of the Gothic Natural Area" on the Gunnison National Forest, a copy of which is attached for your reference. When you have finished with the Gothic Natural Area report please return it to us by certified mail marked for the attention of Fred Wirth.

Your report should be prepared with an original and six copies. Exhibits 1 through 5 are enclosed. If you wish to have us bind the copies with the plastic binders, we will be glad to do so.

After review and signature the copies will be distributed as follows:

- 3 copies Chief
- 1 copy R.O.
- 2 copies forest
- 1 copy to the Rocky Mt. Forest & Range Experiment Station

The final report should have a vicinity map, type map, and pictures if available.

Attachment

Post. John: jr

ALLAN G WATKINS

# 1-INSTRUCTIONS TO DELIVERING EMPLOYEE

Deliver ONLY to addressee

Show address where delivered

(Additional charges required for these services)

**RETURN RECEIPT**

Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE (must always be filled in)

Forest Supervisor

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

Marguita M. Nett

DATE DELIVERED

1961

ADDRESS WHERE DELIVERED (only if required in item # 1)

*Handwritten initials/signature*

UNITED STATES GOVERNMENT

# Memorandum

RECEIVED USFS

4000

TO : REGIONAL FORESTER - R-3  
ATTENTION: FRED J. WIRTH

MAY 22 1961

DATE: MAY 17, 1961

FROM : E. W. STEIN, FOREST SUPERVISOR BY: A.C. WRIGHT

REGION 3  
RECREATION & LAND

SUBJECT: RESEARCH  
GOTHIC NATURAL AREA

AT THE REQUEST OF FRED J. WIRTH WE ENCLOSE OUR GOTHIC NATURAL AREA REPORT. WHEN THIS REPORT HAS FILLED YOUR NEEDS PLEASE RETURN IT DIRECT TO FOREST SUPERVISOR, GUNNISON NATIONAL FOREST, GUNNISON, COLORADO.

ATTACHMENT

*A.C. Wright*

R-L File Copy		INFO	ACTION	INITIAL
A.R.F. Smith Land Adj. & Status	W.G.W. E.W.V. J.S.J.			
Land Class R/W, Min.	W.S. L.S. C.H.S.			
Rec. & Uses	W.G.W. E.W.V. J.S.J. C.H.S.			
Adm. Asst.				
Status Cl.				
Mineral Cl.				
Rec. Cl.				
Uses Cl.				

*Please  
P.C.  
sup  
return of  
report.*

UNITED STATES GOVERNMENT

# Memorandum

RECEIVED USFS

APR 7 - 1961

4000 (2300)  
April 4, 1961

TO : Regional Forester, Albuquerque, New Mexico DATE:

FROM : Norman P. Weeden, Forest Supervisor

SUBJECT: Research - Santa Catalina Natural Area

REGION 3  
RECREATION & LANDS

Reference is made to previous correspondence in regard to the Santa Catalina Natural Area. The area, as originally classified, contained 4,464 acres, more or less.

On January 14, 1960, we submitted three reports with maps modifying the boundary and area. The new area was calculated as 4,131 acres. On March 7, 1960, you wrote us enclosing a rough draft "Recommendations for Boundary Adjustment", which we reviewed and returned on June 1, 1960.

To date we have not received any correspondence from your office as to whether or not the recommendations were approved; neither have we received an approved copy of the modification.

In service-wide memorandum dated March 17, 1961, designation 2320 and 4000, Assistant Chief Edward C. Crafts wrote all Regional Foresters and Directors in connection with the Wilderness Bill, S. 174. Attached to the memorandum was a tabulation of formally designated recreation areas in near-natural condition and also natural areas for all national forests. The Santa Catalina Area is listed and the area is indicated as 4,131 acres. This leads us to believe the Chief's office has approved the modification; however, would you please check your files and advise us accordingly?

cc: Santa Catalina R.D.

R-L File Copy		INFO	ACTION	INITIAL
A.R.F. Smith Land Adj. & Status	A.G.W. G.W.V. J.S.B.			
Land Class R/W, Min.	D.D.C. N.H.B. E.R.T. C.R.G.			
Rec. & Uses	G.A.H. L.H. H.G.L. H.O.D. C.P.S.		✓	
Adm. Asst. Status Cl. Mineral Cl. Rec Cl. User Cl.				✓ 4

*NPW*



# Office Memorandum • UNITED STATES GOVERNMENT

TO : Regional Forester, Albuquerque, New Mexico

DATE: June 1, 1960  
4000 (2300)

FROM : Norman P. Weeden, Forest Supervisor, by

RECEIVED USFS

JUN 3 - 1960

SUBJECT: Research - Santa Catalina Natural Area

REGION 3  
RECREATION & LANDS

Reference is made to your memorandum dated March 7, 1960.

We have only two comments on the enclosed rough draft of recommendations for boundary adjustment. These comments are on page 2.

Attach.  
cc: Santa Catalina R.S.

*JH Rutledge*

U	L	LU	FILE COPY
TO			DATE
A.D.F. SMITH			20--(7)
LAND ADJ. ASST.			
STATUS & MINERALS			
MINERALS			
REC. & USES			
ADMIN. ASST.			
ADJ. STATUS CL.			
MINERAL CL.			
REC. & USES CL.			

Rough Draft  
GAHammon: jr  
February 2, 1960

*This rough draft was sent to the forest again on June 2, 1961 for re-approval. Jan*

SANTA CATALINA NATURAL AREA

RECOMMENDATION FOR BOUNDARY ADJUSTMENT

The Santa Catalina Natural Area located within the Coronado National Forest, Pima County Arizona, was established by <sup>a</sup> land classification order signed by Acting Secretary of Agriculture, R. W. Dunlap, March 23, 1927, pursuant to a report by Forest Supervisor Fred Winn dated January 25, 1927. Copies of the report, land classification order, and a map showing the boundaries as originally delineated are attached (Exhibits 1, 2, and 4). Exhibit 3 is an overlay on which the field notes of Ranger Frieborn's July 1926 survey are plotted ~~of~~ for purposes of comparison with the original map.

The stated purpose of the classification was:

"To keep (the area) in its present status in so far as practicable to the end that the flora may be made the subject of study by the Natural History Society of Tucson, Arizona; and other like scientific organizations".

Therefore, it seems to have been the intent of the order to establish a natural area within the meaning of Secretary of Agriculture's Regulation U-4.

The "natural" qualities of the area have been maintained until this time, with the exception of a minor encroachment in the vicinity of Mt. Lemmon, necessitated by the installation of aircraft control and warning devices by the Department of the Air Force during the war years,

and a recent enlargement of the facilities required for strategic reasons.

It appears that the natural area should be perpetuated, and that its status should be reconciled with Secretary of Agriculture's Regulation U-4 by affirmation of the Chief under the authority delegated him for such purposes. At the same time the boundaries should be adjusted in accordance with the map and description which is Exhibit 5 of this report. Exhibit 5 reflects the elimination of 333 acres and also certain corrections made to bring the boundaries into agreement with the original field notes which are not consistent with the original map (Exhibit 4).

Although recreation use pressures on the Santa Catalina Mountains are heavy and increasing, it does not seem probable that <sup>continuing</sup> ~~continuance~~ of the natural area's classification on the area herein described will conflict with public recreation use or the administration of other national forest resources before the year 2000.

There is no known public sentiment adverse to the continuation of this classification, and the Tucson Natural History Society does not object to the boundary modification herein proposed.

#### RECOMMENDATIONS

It is recommended that the Santa Catalina Natural Area be established under Regulation U-4 as bounded and described in <sup>Exhibit</sup> Exhibits 4 and 5 of this report.

SHOULD NOT EXHIBIT 4 BE INCLUDED, AS ABOVE.  
ALSO ON EXHIBITS 3, 4, 5 THERE IS THE DESIGNATION 2320 NEAR NATURAL AREAS. SHOULDN'T THIS BE 4000-3-NATURAL AREAS?  
Yes 9/11

\_\_\_\_\_  
Date

\_\_\_\_\_  
F.H. Richardson, Forester

APPROVED:

\_\_\_\_\_  
{Date}

\_\_\_\_\_  
Forest Supervisor, *Colorado N.F.*

\_\_\_\_\_  
{Date}

\_\_\_\_\_  
Director - ~~Exp. (Signature)~~  
*Rocky Mountain Forest &  
Range Experiment Station*

\_\_\_\_\_  
{Date}

\_\_\_\_\_  
Regional Forester, *Region 3*

By virtue of the authority vested in me by Regulation U-4 of the regulations of the Secretary of Agriculture, I hereby reaffirm and designate as the Santa Catalina Natural Area the lands described in the report submitted by Fred Winn on January 25, 1927, with boundaries adjusted as described in the preceding report by F.H. Richardson dated \_\_\_\_\_, 19\_\_\_; said lands shall hereafter be administered as a natural area subject to the said regulations and instructions thereunder.

\_\_\_\_\_  
{Date}

\_\_\_\_\_  
{Chief}  
*Chief, Forest Service*

Albuquerque, New Mexico

Forest Supervisor, Coronado

4000  
March 7, 1960

Zane G. Smith, Assistant Regional Forester

Research - Santa Catalina Natural Area

*ZGS*

Reference is made to your memorandum of January 14, 1960 and "Modification Report for the Santa Catalina Natural Area".

After reviewing the background on this case we have concluded that the modification should be submitted for approval of the chief, in such form that it would reaffirm the original classification by recognizing same under Regulation U-4.

To this end we have prepared and inclosed a rough draft "Recommendations for Boundary Adjustment". It would be appreciated if you would review this instrument and exhibits, correct any errors which you may detect and return it to us with your comments and suggestions. We will then prepare the report in final form and return it for your signature.

Inclosure

cc: Coronado

Zane G. Smith

GAHammon: jr

*AS*  
*ZS*  
*GH*

# Office Memorandum • UNITED STATES GOVERNMENT

RECEIVED USFS  
JAN 15 1960  
RECREATION & LANDS

TO : Regional Forester, Albuquerque, New Mexico

DATE: 4000-  
January 14, 1960

FROM : Norman P. Weeden, Forest Supervisor, by

SUBJECT: Research - Santa Catalina Natural Area

*Lands*

Reference is made to your memo of January 21, 1959, designated U-WITHDRAWALS-Coronado-Military Site-Aircraft, Control and Warning Site M-92 and U-CLASSIFICATION-Coronado-Natural Areas-Santa Catalina Natural Area.

As requested, attached are three reports with maps on modification on the Santa Catalina Natural Area. For our report we roughly followed the outline for the establishment of a natural area, FSH 4065.52, Page 122.

In the review of the files, we find that our old map and field notes did not coincide. By checking the acreage of both areas, it appears that the field notes are correct.

Attached for your information are a copy of our present map and field notes with notations.

We will furnish the Tucson Natural History Society with a copy of the new report and map, if the modification is approved.

Attach.  
cc: Santa Catalina R.S.

*J. H. Richardson*

TO	DATE	INITIAL
LAND ADJ.	✓	
STATUS & MINERALS	✓	✓
REC. & USES	✓	
ADMIN. ASST.		
ADJ. CL.		
MINERAL CL.		
REC. & USES CL.		

NO FILE

U  
WITHDRAWALS-Coronado  
Military Site  
Aircraft, Control and Warning Site M-92

January 21, 1959

U  
CLASSIFICATION-Coronado  
Natural Areas  
Santa Catalina Natural Area

State Supervisor  
Bureau of Land Management  
Phoenix, Arizona

Dear Mr. Rowland:

Reference is made to Mr. Britt's letter of December 30, 1958 requesting approval of an additional withdrawal of 1.85 acres to the Aircraft, Control and Warning Site M-92 by the U. S. Army, Corps of Engineers, on behalf of the Department of the Air Force.

That letter makes reference to an original withdrawal (010730) and to a letter dated January 26, 1956 from the Forest Supervisor, Coronado National Forest. Our files contain a letter dated January 12, 1956 to you from S. C. Farrington, Chief, Phoenix Real Estate Field Office, making application for such a withdrawal. However, our files reveal no further processing of this request, which should have included a copy of the Public Land Order. Further, our status records do not reflect a withdrawal. We would, therefore, appreciate your supplying us with a copy of the Public Land Order plus copies of any other pertinent correspondence subsequent to the January 12, 1956 application from the Army Engineers.

It has come to our attention that the areas encompassed by both the original and this additional request are within the Santa Catalina Natural Area, established on March 23, 1927 by the Acting Secretary of Agriculture, within which the national-forest land will be so managed as to permit scientific studies of forest plants. If the national defense needs are in fact over-riding we will, of course, be willing to make the necessary recommendations through channels to the Secretary

2-Bureau of Land Management-Phoenix-1/21/59

of Agriculture for the elimination from the Natural Area of any area in conflict. In order that the national defense factor may be properly evaluated, we would appreciate being supplied with a copy of the request for this additional withdrawal plus any supporting statement that the requesting agency wishes to make.

Very sincerely yours,

FRED H. KENNEDY, Regional Forester

By ZANE G SMITH



U FILE

ALBUQUERQUE, NEW MEXICO

January 21, 1959

Coronado

Zane G. Smith, Assistant Regional Forester

U-WITHDRAWALS-Coronado-Military Site-Aircraft, Control and Warning  
Site M-92

U-CLASSIFICATION-Coronado-Natural Areas-Santa Catalina Natural Area

Attached are copies of a letter of December 30 from the State Supervisor, Bureau of Land Management, our answer of even date, and a map labeled Segment "A" - Real Estate - ACMW Site, M-92.

As indicated in our letter to BLM, neither our files nor the status book reflect that a withdrawal was ever actually effected. However, Larry Hamilton is of the recollection that it was effected. We have a small file in the 6/1/55 Special-Use case to the Army Engineers for this site, starting with the Forest's memorandum of June 17, 1955. However, it is incomplete and is concerned mostly with the efforts of the Air Force to get the permit to Radio-Electronics Engineering Company, 8/1/52, canceled. This file does not contain a copy of the special-use permit. Although most of this correspondence is dually designated in both the Army Engineers and Radio-Electronics Engineering Company cases, we fail to find the latter case in our files. Our memorandum of November 28, 1955, dually designated returned your files in both these cases. Possibly, our files in both cases were also returned to you. We would appreciate your checking and advice.

Although we have asked BLM to provide us with copies of the Public Land Order and pertinent correspondence, we would appreciate any light that you can shed on whether a withdrawal was actually effected. We do not have a copy of the Forest Supervisor's letter of January 26, 1956 to the BLM. Possibly this letter consented to the withdrawal. It would have been a natural follow-up to our memorandum of January 19, 1956 in the Army Engineers U-USES case. This January 19 memorandum perpetuates the U-USES designation of the Forest Supervisor's memorandum of January 16, 1956 which properly should have been U-WITHDRAWAL. Possibly this contributed further to the confusion between the special use permit and the withdrawal request.

At any rate, we need your recommendations on the current request for additional area withdrawal. In this respect you will be

2-Coronado-1/21/59

guided by FSH 2761.51-2 & 3, and to W. O. Circular letter U-297, Supplement No. 1, dated January 16, 1959 and designated U-WITHDRAWALS, General (copy attached). That circular letter is quite specific to the effect that "--- any letter or other indication of approval by field officers must clearly show that it is tentative only, subject to the approval of the Secretary of Agriculture as required by Executive Order No. 10355."

It is our understanding that you are aware of the violation of the natural area classification by the special use permit and the withdrawal if it exists. If you concur with this withdrawal request, it is our suggestion that you initiate the recommendation for modification of the boundary. Although the new Forest Service Manual does not recognize a natural area classification it would appear that the virgin area classification (2322.4) closely approximates a natural area. In preparing your recommendations for modification you will be guided by FSM 2321.3 and FSH 2321.3 and 2321.32-2. The general instructions for modification of wilderness and wild areas are given in the absence of specific instructions for such action in Other Recreation Areas Managed In Their Natural Condition.

In determining the area to be eliminated it is suggested that you use the smallest legal subdivisions, rather than the metes and bounds description, that will completely surround the area in question. Appropriate wording for such unsurveyed areas will be found in the fourth paragraph of Supplement No. 1, Circular No. U-297.

Please return the attached map with your report.

ZANE G SMITH

Attachments

Coronado

July 23, 1953

E. A. Schilling, Assistant Regional Forester

U-CLASSIFICATION-Coronado-Santa Catalina Natural Area

Reference is made to your inquiry of July 17, 1953.

According to our records, the Santa Catalina Natural Area, as approved by Acting Secretary Dunlap on March 23, 1927, is still in effect.

Since the Secretary's Order has never been revoked, the statement under the heading of Project 5 - Mount Lemmon Canyon, as contained in the 1948 revision of the Coronado Recreation Plan, is necessarily in error.

Since such orders can only be revoked by the Secretary, it may be desirable at some future time to seek a revocation in favor of general recreation demands on the mountain. We do not believe, however, that an order should be requested at this time; or, in fact, until such time as public pressures on the mountain assure that community support for the move will be unquestioned.

Notation is being made on the margin of our copy of the plan to the effect that the Santa Catalina Natural Area order has never been revoked. The same notation should be made on your plan.

E. A. Schilling

cc - ranger

WGKooogler:gmw *gmw**Ch. J.*  
*WGK*

*Koyle*

Office Memorandum • UNITED STATES GOVERNMENT

TO : Regional Forester

FROM : Wm. H. Woods, Jr., Forest Supervisor, By

SUBJECT: U-CLASSIFICATION-Santa Catalina Natural Area

RECEIVED USFS

DATE: July 17, 1953

JUL 22 1953

REGION No. 3  
WILDLIFE MGMT.  
Recreation & Lands

*Est 7  
EWS 72*

Reference is made to Acting Secretary R. W. Dunlap's Land Classification Order dated March 19 and approved March 23, 1927. This order sets aside the Santa Catalina Natural Area within the Coronado National Forest.

Our Forest Recreation Plan, Catalina Division, under the heading of Project 5 - Lemmon Canyon, states in part: "This classification cancels the former Unit 28, Santa Catalina Natural Area." No records are available here to verify this action other than our approved Recreation Plan.

Your comments as to whether or not we have a Santa Catalina Natural Area would clear the way for any necessary action toward getting this area in conformance with existing and approved Recreation Classification and Plans.

*[Handwritten signature]*

U  
CLASSIFICATION-Coronado  
Santa Catalina Natural Area

Albuquerque, New Mexico,

May 29, 1941.

FOREST SUPERVISOR, CORONADO.

Your memorandum of May 27 is received.

We have completed our atlas size copy of the report in this case by filling in the blanks for the Supervisor's approval with Mr. Winn's name and the date as January 25, 1927, which is the date of the report. We have written Mr. John D. Jones' name in the other blank and January 26, 1927 as the date of approval in this office since that is the date of the letter of transmittal of the report to the Washington office.

E. G. MILLER

E. G. MILLER  
Assistant Regional Forester  
Division of Recreation and Lands

*Copy sent Ranger*

*ms C*

RECEIVED-U. S. F. S.  
MAY 29 1941  
R-3

*LANE*  
*[Signature]*

U  
CLASSIFICATION, Coronado  
Santa Catalina Natural Area

Tucson, Arizona  
May 27, 1941

REGIONAL FORESTER

Reference is made to your memorandum of May 23.  
Our records indicate the report was signed by  
Mr. Winn, however, no approval date or Regional Office  
signature is shown.

FRED WINN, Forest Supervisor

By *Harwin Smith* Acting

Note: We have considered Mr. Winn's approval as of January 25, 1927,  
which is the date of the report, and since Mr. John D. Jones,  
Acting District Forester, signed the letter of transmittal of  
the report to Washington on January 26, 1927, we have shown  
his name and January 26, 1927, on the atlas size sheet.

U  
CLASSIFICATION-Coronado  
Santa Catalina Natural Area

Albuquerque, New Mexico,

May 23, 1941.

FOREST SUPERVISOR, CORONADO.

Reference is made to report dated January 25, 1927, covering the Santa Catalina Natural Area. This report does not bear the signature of the person who signed it in your office.

In making a check of these areas recently, it was found that the report had never been typed on atlas size sheets. This has now been done and we are sending two copies of the report and order establishing the area together with two maps to you under separate cover. If your report shows the signature of the one who signed it in your office and also the name of the person who approved it in the Regional Office, please furnish us with these names and also with the dates of approval in order that we may complete our copy.

E. G. MILLER

E. G. MILLER  
Assistant Regional Forester  
Division of Recreation and Lands

CC

CC

PB. 6-5-41