



Hunt Institute for Botanical Documentation
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Pittsburgh, PA 15213-3890
Telephone: 412-268-2434
Email: huntinst@andrew.cmu.edu
Web site: www.huntbotanical.org

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About the Institute

The Hunt Institute for Botanical Documentation, a research division of Carnegie Mellon University, specializes in the history of botany and all aspects of plant science and serves the international scientific community through research and documentation. To this end, the Institute acquires and maintains authoritative collections of books, plant images, manuscripts, portraits and data files, and provides publications and other modes of information service. The Institute meets the reference needs of botanists, biologists, historians, conservationists, librarians, bibliographers and the public at large, especially those concerned with any aspect of the North American flora.

Hunt Institute was dedicated in 1961 as the Rachel McMasters Miller Hunt Botanical Library, an international center for bibliographical research and service in the interests of botany and horticulture, as well as a center for the study of all aspects of the history of the plant sciences. By 1971 the Library's activities had so diversified that the name was changed to Hunt Institute for Botanical Documentation. Growth in collections and research projects led to the establishment of four programmatic departments: Archives, Art, Bibliography and the Library.

Service Awards - ~~1972~~

To 1970

1972 on

FF 26

6140
March 25, 1971

TO : DOUGLAS R. LEISZ, Regional Forester
FROM : STANLEY R. STEVENSON, Forest Supervisor, Cleveland NP
SUBJECT: QUALITY STEP INCREASE

PROPOSAL FOR QUALITY STEP INCREASE FOR:

Name: Jack L. Reveal
DOB: May 7, 1912
Unit: Supervisor's Staff
Grade, Title, Salary: GS-12, Step 4;
Forester; \$16,543 pa
Number of Years in Present Grade: 1 year 9 months
Number of Years in Present Position: 4 years 1 month
Total Length of Federal Service: 34 years 3 months
Date and Amount of Last Cash Performance Award
or QSI, if any: 1966 \$300 Cash Award
Suggested Award: Quality Step Increase

Recommended by Stanley R. Stevenson Date 3/25/71
Forest Supervisor

Endorsed by Joseph V. Flynn, Chief Date _____
Division of Lands & Minerals

APPROVED BY Douglas R. Leisz Date _____
Regional Forester

NARRATIVE JUSTIFICATION STATEMENT
FOR
QUALITY STEP INCREASE

Jack L. Reveal has for many years been supportive of archaeological needs and concerns in and around the Inyo and Cleveland National Forests. He has acted to preserve archaeological sites endangered by Forest operations, and to discourage vandalism on Forest Service lands, well before the Regional Office instituted an archaeological program.

He has done extensive research into the legal and scientific aspects of antiquities management.

On his own time and with his own funds he has attended numerous local and regional meetings of professional and semi-professional archaeological organizations. The special knowledge acquired by these and other similar associations has been fed-back into our own management responsibilities. In fact, actions that can only be attributed to Reveal's continuing concern have been related by professional archaeologists on several occasions.

Jack made an invaluable contribution to archaeology by an extensive Surface Survey of the greater Lee Vining area. This surface survey represents many hours of his own time and, because of careful recording, documenting and mapping, is priceless. It is fortunate for Archaeology that he took advantage of the opportunity for accomplishment.

Jack is a loyal, dependable person, dedicated to preservation and understanding of the ecological surroundings and is deserving of a Quality Step Increase. On the basis of his past performance it is likely that this high quality sustained effort beyond that required will continue.

Mr. Reveal's reputation and integrity are in good standing on the job and in the community.

Stanley R. Stevenson
Stanley R. Stevenson, Forest Supervisor

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
Inyo National Forest
2957 Birch Street, Bishop, California 93514

REPLY TO: 6140 - Awards

March 8, 1971

SUBJECT: Special Achievement Award - Jack Reveal

TO: Forest Supervisor - Cleveland N.F.



FOR OFFICIAL USE ONLY

Dear Stan:

We believe that the three attached letters convey more adequately than anything we can say about Jack's work in archaeology.

The authors of two of the letters need no explanation. Rollin Enfield is a retired teacher who taught many years at Bishop High School. While a teacher, and since his retirement, has devoted much of his time to archaeological work in this area. He has worked on various sites for the Southwest Museum.

We, and I speak for retired Forest Supervisor Radel, think that Jack is very deserving of recognition for the work he has done (devoting much of his personal time) in the protection and preservation of archaeological sites for the future.

Sincerely,

HAROLD C. HUNTER, JR.
Acting Forest Supervisor

Enclosures: 3

GERALD A. SMITH
Director

MUSEUM: TRinity 7-9831
Bus: TRinity 7-2272
Res: TRinity 7-0508



OPEN DAILY

January 29, 1971

Mr. Bill Charlton
Inyo National Forest
2957 Birch Street
Bishop, California 93514

Dear Mr. Charlton:

Since our recent telephone conversation regarding Jack Reveal, we have been thinking back over the various facets of our association and of his relationship with others when I have been in the Mono Basin. Perhaps the things which have come to mind will be useful to you. One thing which stands out is his attitude toward research in all fields. He made the Lee Vining Ranger Station a virtual research center. He found room for researchers to work and store specimens and gear. He and Arlene made us welcome in his home; he made camping arrangements for us in the station area and in the field.

I remember especially a student who came, I think from Iran, to work on geology. Everything about the country scared him: people must be bandits, cattle would trample him, etc. He knew little English. Yet before the first month had passed Jack had him understanding his surroundings and meeting people without fear.

In 1963 Jack took part of his leave to come to San Bernardino where he made all the labels and set up our displays for the opening of the Museum's Research Center. At that time we had no preparator, and I have no art ability. I did not ask Jack for help in this area, he volunteered it.

In 1965 he and I worked very hard in preparing for the phase of the Quarternary Sciences Tour which involved the Mono Basin. For awhile I could not get to Lee Vining, so he came down to get material and work with me. He not only worked on the archaeology and set up and labelled the displays, he also arranged the botanical aspect, collecting most of the specimens, planning the tour and getting the cooperation of men at the high altitude station near Saddlebag. He also made crucial last-minute arrangements for transportation.

In 1966 he came to the Calico Mountains Archaeological Project just to help out during a major conference. There he and Arlene served as hosts, showing the wives of delegates the floral surroundings and generally took much routine work off the hosting archaeologists and geologists.

MAILING ADDRESS
18860 Orange Avenue
Bloomington, California 92316

FEB 5 1971

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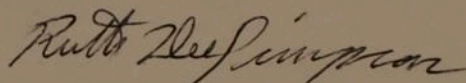
During the early 1960's Jack made a significant contribution to California Archaeology by his mapping and recording of sites in the Mono Basin area. He knew what to look for and how to record it. He asked for recording forms and used them well. When I went to work in the region he was an excellent guide and we were able to accomplish a great deal in a relatively short time. The Enfields and I were able to work efficiently when Jack could not be with us because he had supplied us with meticulous directions to site areas.

Hours mean little to Jack, who is willing to talk and work on maps or look at specimens through the evening hours and he seems to enjoy equally the students, those of us who came from other areas and top-flight professionals. "Days off" go into field work whenever possible, much of it outside his own area, as when he helped with exploratory excavations in Truman Meadows and at the Calico Site.

In short, Jack is a loyal, dependable and competent colleague, a friendly host, a person dedicated to preservation and understanding of the ecological surroundings, and, to my way of thinking, a first-class representative of the Forest Service.

I trust this information will be of value to you. If there is anything further you wish to know please contact me.

Yours sincerely,



Ruth D. Simpson
County Archaeologist

RDS:ws

SOCIETY
FOR
CALIFORNIA
ARCHAEOLOGY

Department of Anthropology
University of California
Riverside, California 92502

January 22, 1971

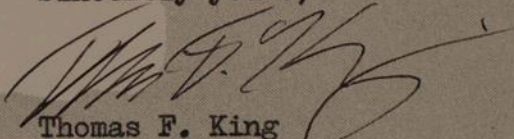
Forest Supervisor
Inyo National Forest
207 West South Street
Bishop, California 93514

Dear Sir:

I understand that the Forest Service Regional Archaeologist has nominated Mr. Jack L. Reveal, former Lee Vining District Ranger, for a Special Achievement Award. Mr. Reveal, according to our members who are familiar with his activities, has for many years been supportive of archaeological needs and concerns in and around Inyo National Forest; he was acting to preserve archaeological sites endangered by Forest operations, and to discourage vandalism on Forest Service lands, well before the Regional Office instituted an archaeological program.

I am happy, therefore, to support the nomination of Mr. Reveal for a Special Achievement Award; he has our sincere gratitude.

Sincerely yours,


Thomas F. King
President

TK:zg

cc: Mr. Donald Miller, Regional Archaeologist, USFS

INYO N.F.	
JAN 26 1971	
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REPLY TO: 6140 Awards

January 11, 1971

SUBJECT: Outstanding Recognition of Antiquities Management
(Jack L. Reveal)



TO: Forest Supervisor, Cleveland

This subject is being directed to you per Mr. Miller's telephone conversation of January 8, 1971.

Since assuming his position as Regional Archaeologist, Mr. Miller has noted an extensive interest by Forest Service personnel in archaeological and historical remains. Unfortunately, much of the interest has not developed beyond a "collector-of relics" stage, but there are several names that repeatedly reference a more altruistic concern with the management of antiquities. By far the most referenced name is Jack Reveal, particularly in regard to his work on the Inyo.

We would therefore like to commend Mr. Reveal for having taken it upon himself to do extensive research into the legal and scientific aspects of antiquities management. Further, it should be noted that he has, on his own time and with his own funds, attended numerous local and regional meetings of professional and semi-professional archaeological organizations. Of course, to attend such meetings and maintain liaison with professional archaeologists may only satisfy a personal, non-Forest Service interest, but in Reveal's case the special knowledge acquired by these and other similar associations has been fed-back into our own management responsibilities. In fact, actions that can only be attributed to Reveal's continuing concern have been related to Mr. Miller by professional archaeologists on several occasions.

With the establishment of the archaeologist position at the Regional Office, we will be able to build a responsible program for the protection and interpretation of archaeological and historical values. We do not believe it premature to take a quick look back and offer commendation to at least one man (Jack L. Reveal) for laying major portions of the foundation.

We therefore recommend that Jack L. Reveal be considered for a Special Achievement Award.

JOSEPH V. FLYNN

JOSEPH V. FLYNN, Chief
Division of Lands & Minerals

United States Department of Agriculture



Certificate of Merit

Jack L. Reveal

CITATION: In recognition and appreciation of your sustained high-level performance, and your dedication to the preservation and understanding of the ecological surroundings.

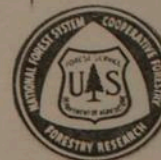
Barbara P. Davis

Date April 1971

REPLY TO: 6140 Awards

January 11, 1971

SUBJECT: Outstanding Recognition of Antiquities Management
(Jack L. Reveal)



TO: Forest Supervisor, Cleveland

CLEVELAND NAT. FOREST

- SUPV
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- AFCO
- ENG
- REG & USES
- LANDS
- IMPACT O.
- BIOL
- P. I. O.
- R & F
- MM SVCS
- MS
- RES. ASST.
- RES. CLK.
- L. A.
- TYPING
- DISP
- RCVD
- DR

This subject is being directed to you per Mr. Miller's telephone conversation of January 8, 1971.

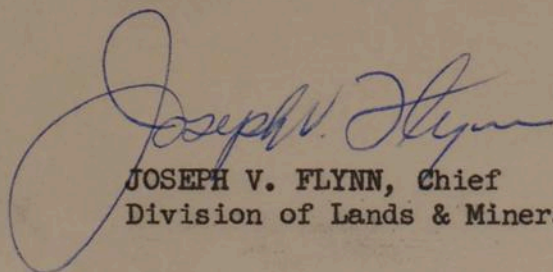
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JAN 14 1971

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With the establishment of the archaeologist position at the Regional Office, we will be able to build a responsible program for the protection and interpretation of archaeological and historical values. We do not believe it premature to take a quick look back and offer commendation to at least one man (Jack L. Reveal) for laying major portions of the foundation.

We therefore recommend that Jack L. Reveal be considered for a Special Achievement Award.


JOSEPH V. FLYNN, Chief
Division of Lands & Minerals

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE

EDF

Region Five

REPLY TO: 6140 - Awards

April 29, 1971

SUBJECT: Quality Step Increase
(Jack L. Reveal)



TO: Forest Supervisor
Cleveland National Forest

PERSONAL

We are pleased to inform you that your recommendation for a Quality Step Increase for Jack L. Reveal has been approved.

Enclosed is a Certificate of Merit and Letter of Commendation to be presented to Mr. Reveal. Please process the personnel action for payment of the QSI; the effective date may be the pay period following receipt of this authorization.

Please inform the Division of Personnel Management, Attn: Benefits Section, when presentation of the award has been made. This information will insure publication of the award in the California Log.

D. Leisz
DOUGLAS R. LEISZ
Regional Forester

Enclosures

E B 2

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
CALIFORNIA REGION
630 SANSOME STREET
SAN FRANCISCO, CALIFORNIA 94111

IN REPLY REFER TO

April 29, 1971

Mr. Jack L. Reveal
(Through Forest Supervisor)
Cleveland National Forest
San Diego, California

Dear Jack:

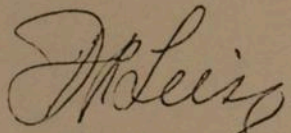
It is a real pleasure for me to inform you that you have been awarded a Certificate of Merit and a Quality Step Increase.

This award is the Region's expression of gratitude for your overall superior performance, and especially for your many contributions to the Service's archaeological needs and concerns. Because of your interest in antiquities management, you acted to preserve archaeological sites endangered by Forest operations, and you discouraged vandalism on Forest Service lands. You made an invaluable contribution to archaeology when you did the extensive Surface Survey of the greater Lee Vining area; this survey represents many hours of your own time and, because of careful recording, documenting and mapping, is priceless. It is indeed fortunate for archaeology that you took advantage of the opportunity for this accomplishment.

Please accept my personal thanks and commendation for the excellent job you are doing.

Congratulations!

Sincerely,



DOUGLAS R. LEISZ
Regional Forester



UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
CALIFORNIA REGION
630 SANSOME STREET
SAN FRANCISCO, CALIFORNIA 94111

IN REPLY REFER TO

April 29, 1971

Mr. Jack L. Reveal
(Through Forest Supervisor)
Cleveland National Forest
San Diego, California

Dear Jack:

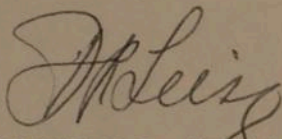
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This award is the Region's expression of gratitude for your overall superior performance, and especially for your many contributions to the Service's archaeological needs and concerns. Because of your interest in antiquities management, you acted to preserve archaeological sites endangered by Forest operations, and you discouraged vandalism on Forest Service lands. You made an invaluable contribution to archaeology when you did the extensive Surface Survey of the greater Lee Vining area; this survey represents many hours of your own time and, because of careful recording, documenting and mapping, is priceless. It is indeed fortunate for archaeology that you took advantage of the opportunity for this accomplishment.

Please accept my personal thanks and commendation for the excellent job you are doing.

Congratulations!

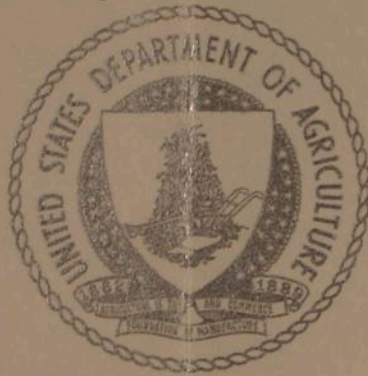
Sincerely,



DOUGLAS R. LEISZ
Regional Forester



United States Department of Agriculture



Certificate of Merit

Jack L. Reveal

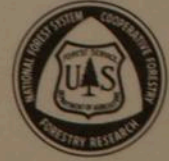
CITATION: *In recognition and appreciation of your sustained high-level performance, and your dedication to the preservation and understanding of the ecological surroundings.*

Date April 1971

Douglas R. Lewis

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
630 Sansome Street
San Francisco, California 94111

July 17, 1974



Mr. Jack L. Reveal
Thru: Forest Supervisor
Cleveland N.F.

Dear Jack:

I am pleased to approve this Special Achievement Cash Award submitted by your supervisor for outstanding performance in maintaining work performance during pressures of litigation, time constraints, deadlines and coordinating responsibilities relating to the Forest's fuel modification program.

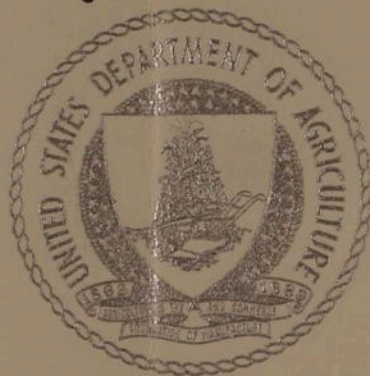
Your fine job is an essential part of an effective Forest Service team. It's a pleasure to reward your performance.

Sincerely,

Douglas R. Leisz
DOUGLAS R. LEISZ
Regional Forester

Enclosure

United States Department of Agriculture



Certificate of Merit

awarded to

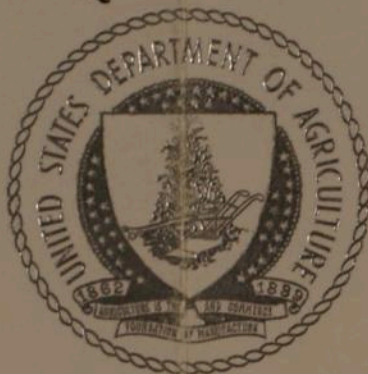
JACK L. REVEAL

IN RECOGNITION AND APPRECIATION OF YOUR OUTSTANDING ACCOMPLISHMENT
IN THE FUEL MODIFICATION PROGRAM ON THE CLEVELAND NATIONAL FOREST

JULY 1974

Douglas F. Leisz
DOUGLAS F. LEISZ, REGIONAL FORESTER

United States Department of Agriculture



Certificate of Merit

JACK REVEAL

CITATION: IN RECOGNITION AND APPRECIATION OF YOUR
CONTRIBUTIONS AND ACCOMPLISHMENTS IN THE
IMPORTANT FIELD OF PUBLIC RELATIONS.

Date MAY 1966

A handwritten signature in cursive script, likely of Charles S. Brannan, is written over a horizontal line.

Department of Agriculture-Forest Service
San Francisco, California, 94111

TS

6140

TO : Supervisor, Inyo DATE: 3-28-66
FROM : Personnel Management
SUBJECT : Performance, Training, Awards

PERSONAL

Thank you for your recommendation for a Special Act or Service Award
for Jack Reveal. Your proposal will be considered by the
Regional Awards Committee at its next meeting.

Warren M. Tracy

Memorandum

TO : Supervisor, Inyo N. F.

File No. 6140

FROM : Everett R. Doman, Chairman
Regional Awards Committee

Date: February 27, 1966

SUBJECT: Awards

Your reference:

PERSONAL

You will be pleased to know that your recommendation for a cash award for Jack Reveal has been approved by the Regional Awards Committee. Your proposal was well documented and received praise from everyone who reviewed it. In line with similar awards presented in the Region, the Awards Committee approved the cash award for \$300 rather than \$500.

Please follow instructions in the enclosed blueline for payment of the award.

Enclosure

E. R. DOMAN

UNITED STATES GOVERNMENT
M E M O R A N D U M

Department of Agriculture-Forest Service
San Francisco, California, 94111

TO : Supervisor, Inyo N.F.

6140

DATE: April 28, 1966

FROM : Chas. A. Connaughton, Regional Forester, By

SUBJECT : Awards

PERSONAL

A cash award for Jack Reveal has been approved by the Regional Awards Committee in the gross amount of \$ 300.00. Net check to employee will be less taxes.

For payment of the award, please follow instructions in the MODE Payroll Handbook, Cash Incentive Awards Payments, Chapter IV C.

The enclosed Approval and Certification of Cash Award, Form AD-287-2, is to be completed by you. In Block 9, under employee's name, show "Social Security Number _____." In Block 10, in parenthesis show the accounting distribution and T&A accounting station code.

You should then transmit one copy of the AD-287-2 by Form AD-337 directly to the Management Data Service Center.

Enclosure

Ernest R. Doman

Was submitted
to Mode for
Payment.
5-3-66 Tuce

†

UNITED STATES GOVERNMENT

Department of Agriculture—Forest Service

Bishop, California 93514

Memorandum

TO : Regional Forester
Attn: E. R. Doman

File No. 6140

FROM : Joseph T. Radel, Forest Supervisor

Date: May 3, 1966

SUBJECT: Awards

Your reference:

PERSONAL

At the risk of appearing ungrateful--which I am not--I wish to protest in writing the Committee's decision to reduce my recommendation for Reveal's cash award from \$500 to \$300. I can appreciate your desire for consistency within the Region; however, Reveal's contribution to the I&E image of the Forest Service, especially with the INQUA group of internationally renowned scientists, is unique and probably without parallel in the Forest Service. Therefore, I cannot see how the \$300 figure is necessarily "in line with similar awards presented in the Region...."

Undoubtedly the collective mind of the Committee will not change, therefore we are processing Mr. Reveal's award for \$300.

Radel/mt

A PROPOSAL TO PARTICIPATE IN THE NORTHERN GREAT BASIN - CALIFORNIA TECHNICAL
FIELD CONFERENCE OF THE INTERNATIONAL ASSOCIATION FOR QUATERNARY RESEARCH

INTRODUCTION

The Mono Lake District of the Inyo National Forest wishes to participate in a 1965 field conference sponsored by the International Association for Quaternary Research. Our participation will be a joint venture with people from the San Bernardino County Museum and the Carnegie Institution Station in the Hall Natural Area. Special features of the archeology and botany of the Mono Lake Basin will be presented to a group of about 120 international scientists to highlight especially unique conditions within and adjacent to the Inyo.

DISCUSSION

In the late summer of 1965, the International Association for Quaternary Research (INQUA) is holding its 7th Congress in the United States. A circular outlining the scope of the Association and the program of its Congress is attached for your information. Attention is specially called to Conference I, page 14.

Last spring, Miss Ruth Dee Simpson, archeologist for the San Bernardino County Museum, suggested that we jointly put on a program for the INQUA Northern Great Basin tour. What prompted the suggestion was (1) the then-pending archeological site survey of the Mono Basin - Adobe Valley area; and (2) our current botanical work in the Basin. We saw an opportunity to show a group of international scientists something of the archeology and botany of our unique locality and, by that avenue, introduce them to the Inyo National Forest.

I will spare you the details, but from this beginning we have progressed to a point which can be summarized by the following accomplishments:

- (1) Miss Simpson and her assistants have completed the field work of the site survey. Analysis will follow during the winter and publication of the results should be out by early summer 1965.
- (2) We have met with INQUA officials and have a place on the tour program.
- (3) We have enlisted the Carnegie Institution at the Hall Natural Area (Dr. Jens Clausen et al) to help and participate in the botanical exhibit.
- (4) We have a pretty firm idea of our part in the INQUA program and a general format for our exhibits.

With that, let me now outline the program as presently envisioned:

- (1) Miss Simpson will attend the General Session in Boulder as a representative of the San Bernardino County Museum, and will speak on Early Man in Western America.
- (2) She will accompany the Northern Great Basin - California Tour from Boulder to San Francisco as a subject matter specialist.
- (3) The Mono Lake District Ranger will pick up the tour at Carson City or Reno on September 11, and will stay with the group through the 13th. The Tour leader (Dr. Clyde Wahrhaftig, Dept. of Geology and Geophysics, University of California, Berkeley) will rotate the Ranger between the three Trailway buses and several cars. He will talk to English speaking persons about the locality and particularly the Inyo National Forest.
- (4) On September 12, the Tour will visit Robinson Creek, Conway Summit, Black Point, Walker Creek and the Mono Craters, staying overnight at Mammoth. On the 13th, it will cover Minaret Summit, McGee, Round Valley and Owen's Gorge, returning to Mammoth. The subject matter for both days will be essentially geology and geophysics.
- (5) On the evening of September 13, Miss Simpson will present a 20 minute slide talk on local archeology, relating the Mono Basin to the Owens Valley, Walker River, Interior Basin and West-central Sierra Indian Cultures. This talk will serve as an introduction to the Mono Basin exhibit the following day.
- (6) We are proposing that the Mammoth District prepare a display for the lobby of the central meeting place of the Tour in Mammoth. This display should depict (a) the National Forest system of the 50 states including Experiment Stations, and pin-pointing the Inyo National Forest; (b) the Inyo itself, enlarged and diagrammed to show primary and secondary uses--i.e. a broad portrayal of our multiple use directives.

In addition, Mammoth could have an evening VIS-type slide lecture somewhere in the community so that Tour members can attend. Again the subject should be "uses".

- (7) On September 14, the Tour will travel from Mammoth to Lee Vining Ranger Station via Benton Crossing, Waterson Meadow, Adobe Valley, arriving about 10:30 a.m. At Lee Vining, Miss Simpson and Dr. Clausen will each give a 5 minute or less introduction to the displays. The tour will be at the station about an hour. We will probably have a coffee break. On departure, the Tour will traverse Lee Vining Canyon, entering Yosemite National Park at Tioga Gate.

The above serving as an introduction to the INQUA Conference I program in the

Mono Basin and vicinity, we can describe the proposed exhibit at the Lee Vining Ranger Station.

First, in planning what to do and how to do it, we have given consideration to the following:

- (a) The majority of Tour members will be geologists or scientists in fields closely related thereto.
- (b) Many will be from foreign countries.
- (c) Some will have but little background in archeology and vegetation.
- (d) Many participants will find America's vast National Forest system, and the concept of multiple-use, strange and new.
- (e) The stop at the exhibit will be of short duration.

Our presentation, then, has special requirements:

- (a) Exhibits must be basic and readily understood.
- (b) Elements must be few, each providing a thought that can be carried away.
- (c) The messages must be visual, only supplemented by written and spoken word, as there will be people who neither speak nor read English.

With the above things in mind, here is what we have developed:

The setting of the exhibit will be the Lee Vining Ranger Station visitor area with its inspiring vista of the Dana Plateau and the Lee Vining moraines. The station grounds, buildings and equipment will be carefully groomed.

The displays will be contained in two double-paneled visitor-information structures, to be designed into the existing stake-fence screen on the east side of the office. The information panels will be supplemented by four narrow plywood tables and by descriptive plaques on living vegetation and natural history features within the station grounds.

The archeological display will consist of the following:

- (a) The first panel will contain a diagrammatic map of the Mono Lake Basin showing site concentrations and their relationship to food and water; special features such as trade routes and petroglyphs.
- (b) The second panel will display representative artifacts of the Mono people, and several photographs, perhaps of petroglyphs, stone-rings, workshops and wickiups.
- (c) The two narrow tables, one in front of each panel, will display heavier artifacts such as metates, manos, workshop refuse, obsidian cobbles and so forth. We may also display several archeological reports, especially the one of the Mono Basin survey if it is off the press at that time.

For the botanical display we propose:

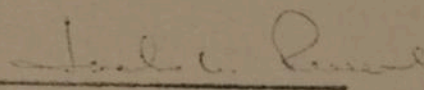
- (a) The first panel will show a profile of the east-side Sierra from the crest to Mono Lake. Colors will be used to indicate the four Life Zones. Staggered under the profile will be four narrow shelves, each holding 6 or 7 fresh specimens of plants representative of the Zone.
- (b) The second panel will be divided in two, one part depicting plant research in the Hall Natural Area, the other relating plants to National Forest uses such as water, recreation, forage, wood. Photos will be used for this panel. Publications will be displayed on the narrow tables.

We will prepare the displays during the winter months and have everything ready so the exhibit can be set up in a few hours. The time required for preparation will be largely contributed week-end and evening work, just as the effort thus far expended has been mostly contributed. Fresh plants, of course, will have to be "skated out" and collected the day before the exhibit.

The project will necessitate construction of two permanent outdoor display units which will remain at the Lee Vining Ranger Station for use in visitor information. The cost of the project is estimated as follows:

(a) Two outdoor display units, including overhead assessments	\$1,300.00
(b) Design services, art work, materials and photography	<u>300.00</u>
Cost of the installation	\$1,600.00

Respectfully submitted,



District Ranger

September 20, 1964

EXHIBIT #2

FORM 6200-5 (6-64)

UNITED STATES GOVERNMENT

Department of Agriculture—Forest Service
Bishop, California 93514

Memorandum

TO : Regional Forester

File No. 1660

FROM : Joseph T. Radel, Forest Supervisor, By

Date: September 29, 1964

SUBJECT: Visitor Information Service - INQUA 1965

Your reference:

Attached are three copies of a proposal from District Ranger Jack Reveal. We feel that this is not only an excellent proposal but also an excellent opportunity to present the Forest Service and the National Forest system to a rather large and outstanding international group.

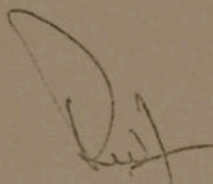
To the best of our knowledge there is no plan for Forest Service participation in this Congress. If this is the case, we are obviously missing a wonderful opportunity to "sell" the Forest Service at a truly high level. We are confident that the National Park Service will not overlook this opportunity when the group enters Yosemite Park.

If your office can provide the \$1600 we will be happy to implement the proposal outlined by Ranger Reveal.

Please note that we have a November 1 commitment to inform INQUA whether we will participate in the program. We will appreciate an indication from you by that time whether you will be able to finance this participation. If you wish us to continue, we will appreciate any suggestions you may have for our part of the program.

cc: Mono Lake

R. Feuchter/mw



Roy Feuchter

EXHIBIT #3

FORM 6100-6 (7/64)

UNITED STATES GOVERNMENT

Department of Agriculture—Forest Service
Washington, D.C. 20250

Memorandum

TO : Regional Forester, R-5

File No. 1660

FROM : Clint Davis, Director
Division of Information & Education

By: Date: October 26, 1964

SUBJECT: Visitor Information Service - INQUA 1965

Your reference:

AIR MAIL

After reviewing your memo and Ranger Jack Reveal's proposal for exhibits for the INQUA Technical Field Conference we agree with you that it appears to be a very worthwhile project.

In view of the fact that these exhibits will not only be used during the conference, but will become a part of the permanent exhibits at Lee Vining, and will aid considerably in the interpretation of a National Forest area, we, therefore, approve of the project and will plan to allot \$1,600 to finance the displays from the Washington Office exhibits fund.

10/28/64 - Notified by phone. CDK

6520.5-8 to be made when W.O. all the material rec'd.

EXHIBIT #4

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
CALIFORNIA REGION
630 SANSOME STREET
SAN FRANCISCO, CALIFORNIA 94111

IN REPLY REFER TO
6140
November 29, 1965



Mr. Jack Reveal
Thru Forest Supervisor
Inyo National Forest
Bishop, California

Dear Jack:

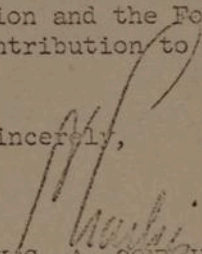
Joe Radel has told us of the exceptionally fine job you did in hosting the International Association for Quaternary Research when they visited the Inyo last September.

The highlight of the INQUA tour was the several hours they spent at the Lee Vining Ranger Station. I especially wish to commend you and your staff for the excellent displays pertaining to the geology and natural history of the Mono Basin vicinity, and for the display on Indian Artifacts which evoked such a lot of favorable comment from the scientists.

You combined vision and imagination when you seized this opportunity to apprise this world renowned group that there is a Forest Service and, more particularly, of what the Inyo has to offer in the way of natural history and scenery.

I want you to know that the Region and the Forest Service deeply appreciates your outstanding contribution to our information and education program.

Sincerely,


CHAS. A. CONNAUGHTON
Regional Forester



TO : REGIONAL AWARDS COMMITTEE

FROM : INYO National Forest

SUBJECT: AWARDS (Special Act or Service Award)

6140

DATE: March 25, 1966

PROPOSAL FOR SPECIAL ACT OR SERVICE AWARD

NAME: Jack Reveal

JOB: 1912

UNIT: Mono Lake District

GRADE, TITLE, SALARY: GS-11, District Ranger, \$10,491

NUMBER OF YEARS IN PRESENT GRADE: 9

NUMBER OF YEARS IN PRESENT POSITION: 5 yrs. 8 months

TOTAL LENGTH OF SERVICE: 29 yrs. 3 months

DATE AND AMOUNT OF LAST CASI PERFORMANCE AWARD OR OSI IF ANY: 1957 \$50.00

SUGGESTED AMOUNT FOR AWARD: \$500.00

ENDORSED BY: _____

RECOMMENDED BY: _____

Joseph T. Radel, Forest Supervisor

PROMOTION POSSIBILITY

CHECK ONE: Excellent X

Fair _____

Limited _____

TASKS

Fire Control

Takes complete suppression action on all District fires. Recruits and adequately trains fire personnel. Keeps fire plans up to date and coordinates with over-all Forest plans. Keeps fire equipment and personnel in complete readiness throughout fire season. Takes necessary action on all man-caused fires. Prevention plan is followed.

PERFORMANCE STANDARDS

ACTUAL PERFORMANCE

Fire control activities on this District were handled efficiently, economically and with dispatch in 1965. The District is only financed for a two man fire crew, one P&M and one State position. Despite this inadequate financing the District's burned acreage was held to less than five acres with a total of 16 fires of which 6 were man-caused. Total suppression cost was less than \$4000. Obviously, Reveal's fire crew is well trained and efficient and shows above average performance.

2. Timber Management

Makes and controls District timber and Forest product sales in competent manner. Supervises and carries out insect and disease control operations when needed. Sees all of District each year so that no major insect attack goes unreported. Fills seed quotas as requested.

Commercial sales on the Stevens River Working Circle are handled by Mammoth District personnel. However, when the sale "slops over" onto the Mono Lake District, Reveal takes a very real interest in the sale. Forest products sales are handled in a business-like manner. Ranger Reveal is constantly on the alert for unusual insect or disease attacks on his timber stands.

3. Range Management

Thoroughly inspects and reports on each District allotment. Continues to develop and secure compliance with range management plans. Develops and maintains range plans in accordance with the range analysis work. Responsible for counting stock on and off the forest. Takes initiative, works out and recommends local solutions to key problems in range management. Makes at least one trip per month during winter to east side of District to detect and prevent cattle and horse trespass.

Reveal's permittee plans are considered among the best; and Regional Office inspectors have told us that Jack's inspection books and write-ups are models for the Region. Jack has consistently been given a + on his Performance Rating for outstanding Range work. He has expanded and developed a comprehensive herbarium of range plants for District use. This job has been done largely on spare time - weekends and nights - and again shows the interest that Reveal takes in the range job.

4. Wildlife Management

Works closely with State Department of Fish and Game officials to secure public backing of sound wildlife management principles; restores, improves and protects wildlife habitat at every opportunity; considers the needs of wildlife in the plans and activities of related resource management.

Ranger Reveal is intimately familiar with the condition and trend of the wildlife habitat on his District. He works closely with "Ardy" Anderson, the local State Department of Fish and Game manager. He has a knowledge and appreciation of wildlife not only for hunter use but for aesthetics.

5. Recreation

Competently administers established public recreation areas including the development, rehabilitation and maintenance of recreation improvements as prescribed by handbook, Regional and Forest standards. Administers other recreation areas on National Forest

Ranger Reveal has always given personal leadership to the care and policing and maintenance of his public campgrounds. We have received many expressions of commendation from the public regarding the excellent condition of the campgrounds on the Mono Lake District. He has worked closely with

lands in his District as required by use or pressure. Gauges trends of use and intelligently works out and recommends solutions to key problem areas and hot spots. Prepares and maintains recreation plans according to standards.

Recreation staff people in the Supervisor's Office to implement plans to projects with a minimum of time delay and money. Some of the outstanding recreation projects which reflect great credit on Ranger Reveal are the rehab job of the Silver Lake Campground, the June Lake Beach and the new Hartley Springs Campground.

He is aware of the recreation pressure building up because of the reconstruction of the scenic Tioga Pass highway and as a result has been actively planning for campgrounds and public service sites tributary to this important recreation highway.

Reveal has planned and executed a VIS program on his District which has been favorably acclaimed by the public and Forest Officers alike. This work has been done without benefit of regular VIS financing, but with no sacrifice to regularly scheduled and programmed recreation work.

6. Acquisition
Is on the alert for likely land exchange possibilities especially in Lee Vining townsite area and initiates action where feasible; assists in exchange transactions; makes independent surveys when necessary.

After 20 years of trying, the Lee Vining townsite exchange was sent to the Washington Office March 1, 1966, with a strong recommendation that it be accepted. The 10 acres of selected land is occupied by 11 permits and valued at approximately \$107,350. The offered land comprises 631.98 acres and was purchased by the Lee Vining townspeople from 4 different owners. It was a complex and time consuming exchange but very much in the public interest. Ranger Reveal has been indispensable in keeping the local County Supervisor and the townspeople placated despite many exasperating delays and seeming dead-ends.

In addition, Reveal has laid the groundwork for a possible exchange with Southern California Edison to acquire some much needed land on Lee Vining Creek for public campgrounds.

TASKS

PERFORMANCE STANDARDS

ACTUAL PERFORMANCE

7. Land Use

Properly administers all special uses in the light of current Forest policy and changing public needs; inspects a minimum of 20% of summer homes each year; inspects all commercial special uses at least once annually; protects classified areas against unauthorized uses; completes a land use plan for the Mono Lake District during 1961 and thereafter periodically maintains it.

Ranger Reveal uses every opportunity to get adequate and up to date plans for his commercial special uses. This kind of planning is invaluable if we are to keep our permitted resorts and other commercial uses to a high standard and best able to meet changing public needs. Reveal actively participates in the preparation of new Special Use Permits when transfers are made or at other opportune times. His on the ground knowledge of conditions make it possible to issue permits which are meaningful to the permittee and yet include provisions for best land use.

I have consistently given Reveal a + on his Performance Rating for "Land Use".

8. Watershed Management

Realistically determines adequacy of land use practices as they effect the water resources; takes steps to adjust poor practices; works closely with the City of Los Angeles and the California Division of Water Resources. Recommends to Supervisor's Office at least one erosion control re-habilitation job per year.

Does an adequate job. Maintains excellent relations with the local City of Los Angeles people.

9. Improvements

Submits Form 1300-4 for all project improvement work; performs improvement maintenance work in a workman type manner and completely supervises all construction and maintenance work under his control. Maintains and uses District maintenance plans.

All District improvements are maintained to the highest standards. New construction is likewise done well and according to approved plans. 1300-4's are prepared and approved for all funds which are not covered under other operating plans.

TASKS

PERFORMANCE STANDARDS

ACTUAL PERFORMANCE

10. General Administration

Prepares all inclusive, well thought out plans of work that are followed to the greatest extent practicable. Takes good use of progressive travel. Follows established policies and procedures in administering the District, but at the same time shows initiative and independent thinking.

Reveal appreciates the need for good planning in all Forest Service work. This attitude is reflected not only in his work habits, but permeates to the people who work for him. He is very safety conscious and has a good safety record.

11. Public Relations

Accepts the responsibility of maintaining good relationships with the public in general. Is active in local civic affairs. Gives correct advice in disseminating Forest Service news and information and treats everyone fairly and sincerely. Maintains a District I&L plan.

Here again Jack is doing an above average job. He has won the respect and confidence of the local people, including the local County Supervisor. He is particularly conscious and sensitive to external appearances as it affects the Forest Service image with the public. The excellent appearance of his station, his insistence that his people be dressed appropriately and neatly, and his emphasis on treating the public with courtesy and respect all reflect Jack's sensitivity to the importance and need for good Public Relations.

General Narrative Justification Statement to Support
Special Act or Service Award

In addition to the above evidence which shows exemplary performance by Reveal in the regularly assigned duties, I wish to point out some outstanding instances of creative thinking and exceptional achievement in handling a difficult assignment this past year.

On September 24, 1964 Ranger Reveal notified this office of an opportunity for the Forest Service to participate in the 7th Congress of the International Association for Quaternary Research (INQUA). This seemed like an excellent opportunity to show a group of world renowned international scientists something of the archeology and botany of our unique locality and thus introduce them to the Forest Service and the Inyo National Forest.

Exhibit #1 attached to this statement is a copy of Reveal's original covering letter with his proposal.

On September 29, 1964, we wrote your office asking for permission to participate and for an allotment of \$1600 to cover the proposed expenses. (See Exhibit #2) On October 7 the Acting Regional Forester wrote the Chief's office with a recommendation that the Inyo participate and that \$1600 be made available to cover estimated expenses. On October 26, 1964, the Chief's office responded with a "go ahead" and an allotment of \$1600. (See Exhibit #3)

During the winter and spring of 1964-65 exhibits and display cases were designed and built. The display cases were permanently located so as to best serve for public I&E purposes as well as the INQVA exhibits. Temporary displays of interest to the public were used throughout the tourist season and prior to the INQVA program. A few days before INQVA, District personnel replaced the temporary material with the excellent displays pertaining to the geology and natural history of the Inyo basin and the Inyo National Forest. All of the display material, including the written interpretive information, was professionally done, accurate and complete. Ranger Reveal had spent long hours of his own time, nights and week-ends, researching the various subjects, and as a result the story and the exhibits as well as the immediate program the day of the INQVA visit was enthusiastically received.

The story would not be complete unless I mentioned one brief homey story: The west German delegate requested that I not count the number of doughnuts and cups of coffee that he had consumed while enjoying the exhibits and lectures at the Ranger Station! Reveal and other Station personnel had furnished coffee and doughnuts for the group for the "10 o'clock break".

There were 18 foreign countries in addition to the United States represented among the group. It seemed to me from the enthusiastic "thank you's" tendered Ranger Reveal by these scientists, that seldom, if ever, has the U. S. Government received so much international good will for so little money expended. This alone would have been worth the entire effort. However, the Forest Service received a direct benefit in that this group of renowned scientists were also abundantly exposed to our work and objectives.

The following 19 countries were represented:

England, Czechoslovakia, Poland, Belgium, West Germany, East Germany,
Chile, Netherlands, Canada, Italy, New Zealand, Japan, France, Iraq,
Norway, Iceland, Ireland, Australia and United States.

Regional Forester Connaughton recognized Ranger Reveal's exceptionally fine job in hosting this group and commended him by letter dated November 29, 1965. (See Exhibit #4)

Attached to this write-up are 8 polaroid photographs (no duplicates are available). The color photos show close-ups of several of the exhibits before they were placed on permanent display inside the cases. Two of the black and white prints show two of the temporary displays and the other two black and white prints show the group studying the various exhibits and displays. (Exhibit #5)

No story concerning Ranger Reveal and the INYOA program would be complete without some mention of Reveal's general contribution to the Forest Service VTS and I&E programs. With practically no extra financing, Jack has landscaped and dressed up the Lee Vining Ranger Station to where it has become the show-piece of the Region, if not Service-wide. Regional Forester Connaughton has said the Forest Service can point with pride to the fine appearance and excellent impression this Station makes with the public. Assistant Regional Forester Don Ball and his wife stopped at the Lee Vining Ranger Station last summer while on a vacation. Mr. Ball commented that the Lee Vining Station was one of the most attractive Stations he had ever seen. Other Regional Office people have made similar comments. Lee Prater, Washington Office photographer, told us last summer that the Lee Vining Ranger Station was the most "photographic" Ranger Station in the United States. Don Knowlton, Deputy State Forester, said in a letter to us dated September 10, 1965:

"The Station at Lee Vining is probably one of the nicest U. S. Forest Stations I have seen in the State....."

As you know, this Ranger Station is located on the Tioga Pass state highway leading to and from the east entrance to Yosemite National Park. Thousands of visitors to and from the Park stopped at the Lee Vining Ranger Station to admire the scenery, to photograph, to enjoy the well labeled natural features in the Station yards, to ask for information, or to admire the multiple-use story so subtly done in the display cases both outside and inside the Station itself. It was evident from the favorable public reaction that the Forest Service image was, to say the least, as good or better than anything they would see or had seen within Yosemite. (Photos attached - Exhibit #6)

One of the most popular of the self guided features was the live trout display in a small pond a few feet from the visitor entrance to the office. Again, Reveal saw an opportunity to exploit the public's natural interest in trout to tell how the U.S. Forest Service and the State Department of Fish and Game cooperate in wildlife programs for the mutual benefit of all the people. This interesting but not too well known story was prominently displayed at the pond and read as follows:

TROUT MANAGEMENT

In this pond are several trout planted by the California Department of Fish and Game. There are almost 800 lakes and streams in the Inyo-Mono area, and most of them lie within the Inyo National Forest. Fishing, both in roadside and backcountry waters, is dependent upon the fish hatcheries and management programs of the Department of Fish and Game. In

1964 nearly 5 million trout weighing over 200 tons were planted from the Hot Creek, Fish Springs, and Mt. Whitney-Black Rock fish hatcheries. Close cooperation between the Department of Fish and Game, the U. S. Forest Service and other public agencies assures continued good fishing throughout the eastern High Sierra.

Ranger Reveal has not only done an exceptional job of selling the Forest Service story at the Ranger Station, but he has used other unusual and interesting ways to create an awareness by the public for their National Forests. One outstanding recent illustration of Reveal's ability to do this is contained in the official journal of the Division of Highways, State of California, the January-February issue. In a six page, well illustrated article entitled TRIOGA PASS - Its Enduring Beauty, you will find, according to the Information Officer for the Division of Highways, "the most read article" in that issue. It is unmistakably Jack Reveal and could contain the official signature of the U. S. Forest Service!

F. Robinson's complimentary letter is quoted in its entirety:

Mr. Jack L. Reveal, District Ranger
U.S. Dept. of Agriculture
Forest Service
Inyo National Forest
Lee Vining, California 93541

Dear Jack:

I am happy the story on Trioga met with your approval. We have had a lot of comment and apparently it was the most read article in the issue. I have one letter from a man in Southern California who wants to argue about the Sierra being a single block of granite.

Actually, the article should have been by-lined Jack Reveal because most of it came from you. I had your name put on the mailing list awhile back but our people in the circulation section are behind in the addressograph plates. In addition, the other day I asked them to send you 100 copies which I thought you might like to hand out to interested people who stop by.

Thanks again for your fine help. I hope to see you again one of these days.

Very truly yours,

J. C. WOMACK
State Highway Engineer

By /s/ John C. Robinson

John C. Robinson
Information Officer"

I am attaching six copies of the California Highway magazine for January-February. (Exhibit #7) Please note pages 14 through 19.

I could cite many other instances where Ranger Reveal has used unusual originality in the field of I&E public relations. He does have the ability to sense circumstances where an I&E vacuum is likely to occur and then he can, with a minimum of dollars and a maximum of ingenuity, fill it. I would like to close by repeating a short paragraph used in my letter of October 4, 1965, when I suggested that Regional Forester Connaughton give Reveal a letter of commendation for his INVUA efforts:

"We have an abundance of good people in the Forest Service. We have few, however, who are tuned to the unusual and have the faculty of sensing unique opportunities. Reveal is one of these."

It is with full appreciation of the necessity to consider only the highest performance in the Awards Program that I recommend Ranger Jack Reveal for a cash award of \$500.00 for his outstanding contributions to the I&E Program of the Forest Service.

Ranger Reveal's reputation and integrity are in good standing on the job and in the community.

Thanks again for your fine help. I hope to see you again one of these days.

Very truly yours,

J. C. MOWACK
State Highway Engineer

By /s/ John C. Robinson

John C. Robinson
Information Officer"

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It is with full appreciation of the necessity to consider only the highest performance in the Awards Program that I recommend Ranger Jack Reveal for a cash award of \$500.00 for his outstanding contributions to the I&E program of the Forest Service.

Ranger Reveal's reputation and integrity are in good standing on the job and in the community.

EXHIBIT #5

Polaroid photos of displays shown in this Exhibit
found only in the #1 copy of this proposal.
(Duplicates not available)

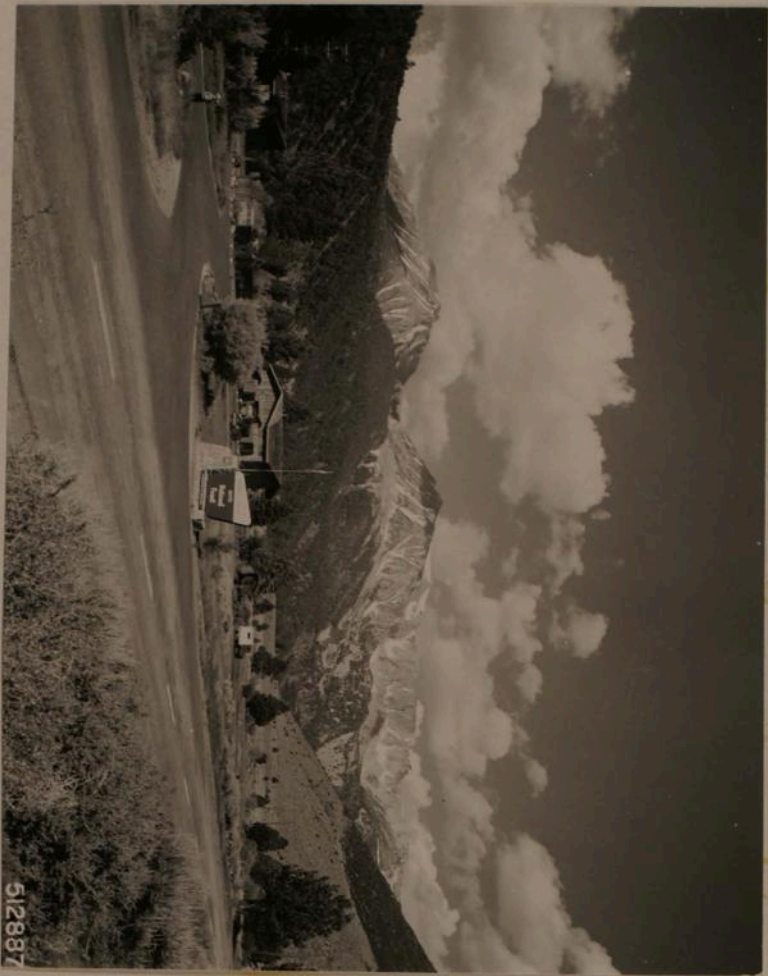


EXHIBIT #6

REGION 5

REVEAL, Jack
District Ranger
Inyo National Forest
Bishop, California

For the exemplary performance which Reveal has given in his regularly assigned duties, the outstanding instances of creative thinking which he has displayed, and the exceptional achievements in the handling of difficult assignments in 1964-1965, a special acts citation has been presented to Reveal, together with a cash award of \$500. Mr. Reveal was especially commended for the extensive and successful efforts he put forth in having Forest Service participation in the 7th Congress of the International Association for Quaternary Research during its meeting in California in September 1964. Reveal has also received high praise from various quarters for dressing up and landscaping the Lee Vining Ranger Station to the point where it has become the "show-piece" of Region 5.

REGION 8

CATHEY, John E.
Assistant District Ranger
Ozark-St. Francis National Forest
Bayou, Arkansas

The exceptional service rendered by John Cathey during March and April 1966 in aerial scouting during a period of extreme fire danger and high fire occurrence on the Ozark National Forest has earned for him a cash award of \$200. Although it is difficult to estimate the value

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
STANISLAUS NATIONAL FOREST



December 10, 1958

Mr. Jack L. Reveal
Pinecrest
California

Dear Jack:

I am glad to forward on to you your certificate in recognition of your twenty years of service.

The first twenty years may seem to have been the toughest, but I am quite sure this period of time has provided you with experience and know-how to achieve even greater accomplishment and satisfaction in the future.

It has been good to have you around for twenty years, the Service has benefited. What is even more gratifying is to know that you will be on hand to assist in meeting future problems and needs.

Congratulations!

Sincerely,

A handwritten signature in dark ink that reads "Russell P. McRorey". The signature is written in a cursive style with a large, sweeping "R" at the beginning.

RUSSELL P. McROREY, Forest Supervisor

Attachment



United States
Department of Agriculture

JACK L. REVEAL

*In recognition of the completion of
twenty years of service in the
Department of Agriculture*

Awarded May 1958

Charles L. Brown
SECRETARY OF AGRICULTURE

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
CALIFORNIA REGION



ADDRESS REPLY TO
REGIONAL FORESTER
AND REFER TO

630 SANBOME STREET
SAN FRANCISCO 11, CALIFORNIA

January 9, 1958

Mr. Jack Reveal
(Thru Forest Supervisor)
Stanislaus National Forest
Sonora, California

Dear Mr. Reveal:

It is a pleasure to present you with this \$50 check and Certificate of Merit awarded to you by the Regional Awards Committee, in recognition of the personal initiative and imagination you displayed in developing the Model Campfire Exhibit and the Nature Trail Guide Notes.

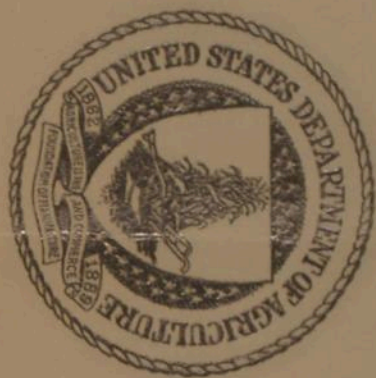
I want to add my personal commendation for the exceptionally fine job you did on these two projects. We sincerely appreciate and value your foresight and ingenuity.

Congratulations!

Sincerely,

CHAS. A. CONNAUGHTON
Regional Forester

United States Department of Agriculture



Certificate of Merit

JACK REVEAL

*is commended for performance substantially
exceeding the requirements of his position*

January 9, 1958

W. T. Reveal
Jack H. Reveal

1949



United States

Department of Agriculture

Jack L. Reveal

*In recognition of the completion of
ten years of service in the
Department of Agriculture*

Charles F. Brannan

SECRETARY OF AGRICULTURE

Awarded May 15, 1949



United States Department of Agriculture

JACK L. REVEAL

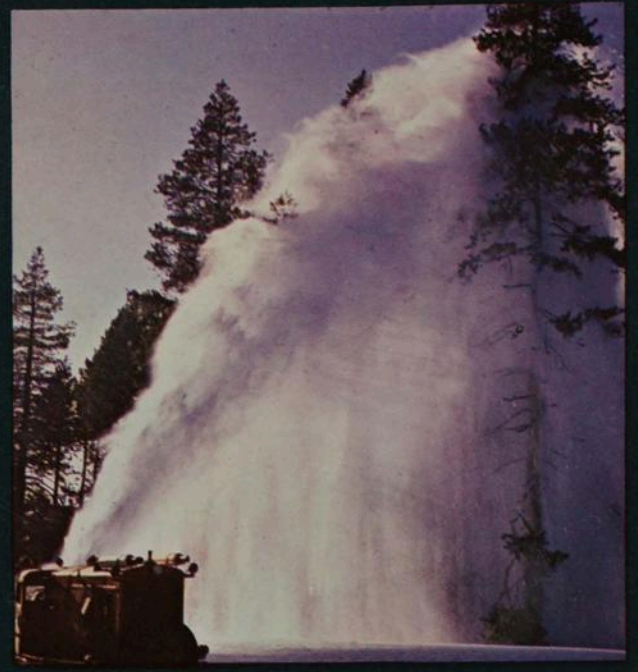
In recognition
of completion of T E N *years*
of service in the Department
of Agriculture

Clinton P. Anderson
SECRETARY OF AGRICULTURE

EXHIBIT #7



CALIFORNIA **highways** and public works



See p. 16

JANUARY
FEBRUARY
1966



heavy ice rivers of ancient times which once flowed down all the east side canyons.

As the ice melted at the end of each glacial age, the water ran into the valleys east of the Sierra and made a chain of great inland lakes. One of these, Lake Russell, was at one time 700 feet above the present surface of Mono Lake, and its ancient shoreline is visible along the slopes north and east of the lake about at the 6,800-foot level. The town of Lee Vining is situated on one of this lake's beaches which was created from glacial debris as both lake and glacier were disappearing. Mono Lake is all that remains of Lake Russell. Its moisture evaporated into the air, but its mineral content was concentrated into the relatively small Mono basin to give today's lake its heavy salinity.

Contrary to public belief and Mark Twain's story about the dog, people sometimes swim in Mono Lake and occasionally use it for water skiing. There are beaches along the shore good for sunbathing, and some of the local people, accustomed to the odd smell and the flies, use them at times. The water does sting, however, when it comes in contact with open cuts or raw places on the skin.

Mono's flies were once a major source of food for the local population when it was the Piute Indians of the "Cutza Dika" group. These east side Piute tribes lived a happy but precarious existence, almost "hand to mouth," and each tribe was classified by the major food source available to it.

In the Mono Lake area it was the larvae of the local fly, called *cuzavi*, which collected in piles in and around the lake and which the local Piutes harvested and dried. Sometimes they ground it into meal. If they had a bumper crop, they traded the surplus to other tribes for necessities.

In other seasons the Mono area Indians lived on greens, rodents and a rare deer when they were lucky; berries, roots, seeds of grasses, and the larvae of the pandora moth which they collected in summer in the Jeffrey pine forests on the higher slopes. In the fall they gathered great quantities of piñon pine nuts from the cones of the singleleaf piñon, *Pinus monophylla*. This was their favorite food, high in nutrient value with good keeping qualities, and they stored as much as they could gather. If the pine nut harvest was poor and a hard winter followed, many Piutes starved before spring.

Seagulls are an important part of the scene in the Mono Lake-Lee Vining area, returning each year in May when the valley has warmed somewhat, and the winter snow has melted. They like Negit, one of the islands in the lake, as a place to nest. The black volcanic rock absorbs the sun's heat and keeps their eggs warm. For the bird lover, the shores of Mono Lake offer haven at one time or another to grebes, mergansers, ducks, swans, teals, bitterns, rails, coots, geese, phalaropes, pelicans, herons, cranes, and other waterfowl.

Just to the south of Mono Lake are the Mono Craters, a series of volcanic cones which geologists say are geologically very young. Studies show that the most recent have risen after Lake Russell evaporated, and are only 6,500 years old. Save for Mount Lassen, this is probably California's most interesting volcanic exhibit. That part of State Route 120 which continues eastward to Benton Station passes close to the craters.

The Mono cones should not be confused with the many small hills and ridges which are seen in the Lee Vining area and, for that matter, all along the eastern scarp of the Sierra. These are glacial moraines, although they are often a mixture of moraine and alluvial fan, resulting from stream action after the glaciers melted. Bloody Canyon, which opens into the Mono Valley just a few miles south of Lee Vining Canyon, has much glacial evidence. This canyon is said to have gained its name because the first pack animals through the canyon in 1852 rubbed themselves raw against the rock cliff faces at the sides of the narrow Indian trails.

The canyon, the creek, the peak, and the town of Lee Vining all take their name from Leroy or "Lee" Vining, the first homesteader in the canyon. In the 1850's he settled near the mouth of the canyon and operated a sawmill for a while, selling his lumber to the many mining camps scattered along the eastern slope and throughout the Mono Lake region. His productivity ended when he accidentally killed himself in an Aurora saloon while handling a pistol he did not know was loaded. Despite popular belief, he did not found the town. It was started in 1923 by a garage owner named Gus Hess, formerly a blacksmith at Mono Mills.

The traveler who turns off on Route 120 just south of Lee Vining and starts the climb toward Tioga Pass will begin to see glacial moraines everywhere. Some are parallel to the sides of the valley; others are like giant steps across the valley—recessional moraines dating back to the end of the last glacial advance, and marking a point where the glacier terminated for a number of seasons before another warm cycle came and it retreated farther up the canyon.

Be sure to stop at the U.S. Forest Service ranger station on the left a few hundred yards outside Lee Vining. Here is easy parking, with nature exhibits and a selection of information sheets on the geology, flora, and fauna of the vicinity.

As the road climbs upward in the pass, it reaches a hard rock area where the right-of-way had to be blasted from solid granite walls. Here evidence of glacial carving and "plucking" is everywhere. On the newly completed section of road there is now an opportunity for study of these features, as well as superb views of the valley, from a new pullout area at Dodge Point, just above the sidehill viaduct.

Dodge Point is said to have gotten its name from an unhappy accident which occurred there in the early days of automo-



Another view of one of Tioga Tarns, with Mount Dana in background. Trees are mostly lodgepole pines.

TO : REGION AWARDS COMMITTEE

November 15, 1957

FROM : FOREST SUPERVISOR-Stanislaus

✓ FILE: K-PERSONNEL-Reveal, Jack L.

SUBJECT: K-SUPERVISION-Incentive Awards

Recommendation is made for cash award to District Ranger Reveal of the Summit District for:

- 1) Suggestion and invention for improving the Regional Fire Prevention program, and
- 2) Providing special service in the public interest.

A narrative form justification statement follows for the two accomplishments:

- 1) The Stanislaus Model Campfire Exhibit was the idea and initial development of Reveal. The exhibit, as shown on the attached, has been used to good advantage in the Region by Forest Service, State, and our cooperating campfire permit agents. It allows a most effective means of training campfire permit applicants without actual field instruction. It has been reported that the Sierra Forest uses this exhibit in such a manner that considerable savings in office manning is made.

2) Special Public Service

Ranger Reveal has developed a one quarter mile nature trail that has provided an unusual attraction to the public at Pinecrest, one of California's busiest summer resort areas. Located adjacent to the Pinecrest School, the trail is always available for the elementary school use. The excellent write up, copies of which are attached, are available at the Pinecrest Ranger Station, and the trail is easily found and well signed. Ranger Reveal's interest in this project was shared by his family, all of whom contributed their own time in its development.

It is recommended that a \$50.00 cash award be made to Jack for the two projects.

Russell P. McRony
✕

**DANGER
ZONE!**

LITTER-DUFF-
HUMUS

THIS WILL BURN
SCRAPE AWAY TO
MINERAL SOIL

**SAFETY
ZONE**

MINERAL SOIL

**THIS WILL NOT
BURN**
BUILD YOUR FIRE HERE



LITTER

NEEDLES - TWIGS - BARK -
GRASS - LIMBS

DUFF

PARTIALLY DECOMPOSED
NEEDLES - TWIGS - BARK -
LIMBS - OLD LOGS - ETC.

HUMUS

DECOMPOSED
ORGANIC MATERIALS

**MINERAL
SOIL**

DIRT - SAND - PEBBLES -
SMALL STONES -
ROCKS

BUILD YOUR
CAMPEIRE AWAY
FROM DOWN LOGS -
STUMPS AND BARK PILES

BURY YOUR TRASH
AND CANS
DON'T BE A
LITTERBUG

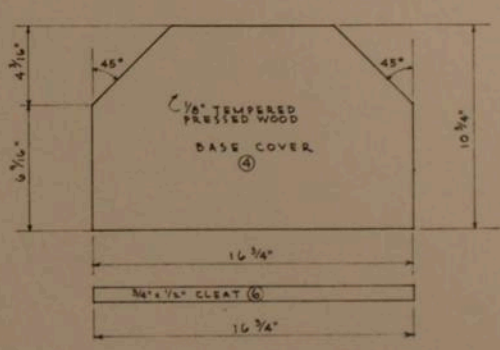
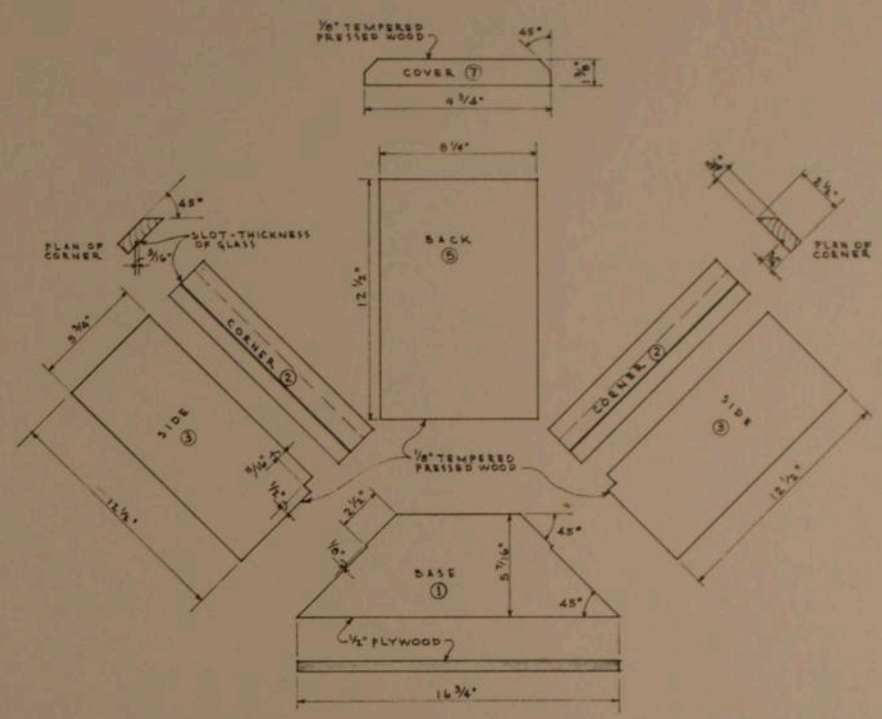
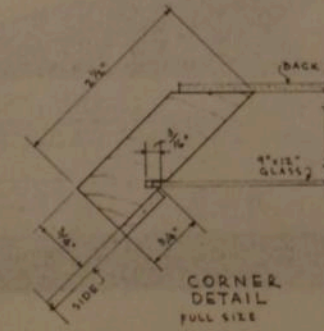
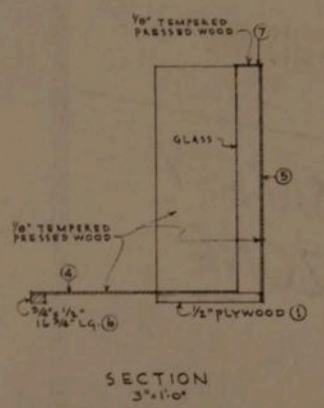
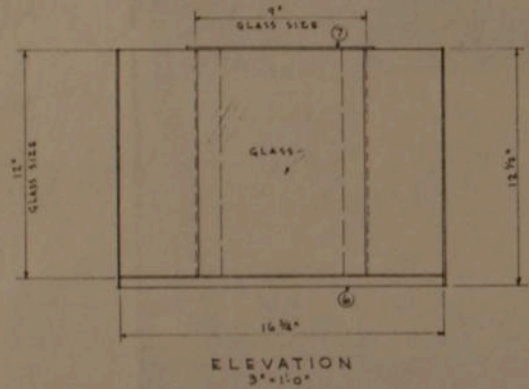
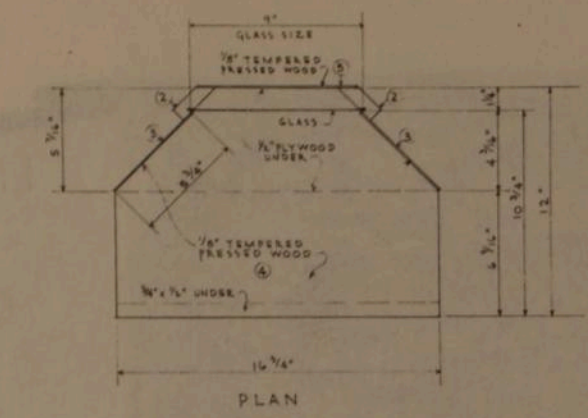


CLEAR TO
MINERAL SOIL
FOR A MINIMUM OF
NOT LESS THAN
10 FEET
IN DIAMETER



BUILD YOUR
CAMPEIRE AWAY
FROM SNAGS AND TREES -
PILE YOUR WOOD SUPPLY
AWAY FROM THE FIRE

KEEP AND LEAVE
A CLEAN
CAMP



PIECES REQUIRED
 5" x 11" 1
 GLUE AND NAILS, NO. 1 TO 6
 USE SCREWS ON COVER ONLY.

NOTE
 IF LIGHT IS DESIRED UNDER CAMPFIRE -
 DRILL 2" DIAM. HOLE IN PLYWOOD BASE (1)
 UNDER CAMPFIRE SITE FOR SOCKET AND
 BULB - GROOVE TO REAR FOR WIRES.
 DRILL 1/4" DIAM. HOLE IN BASE COVER (2)
 TO LET LIGHT THRU UNDER CAMPFIRE.

U. S. DEPARTMENT OF AGRICULTURE
 FOREST SERVICE
 REGION 5
 STANISLAUS
 MODEL CAMPFIRE
 EXHIBIT
 ORIGINAL BY DISTRICT RANGER JOHN REVEL
 PLAN DEVELOPED BY LYDIA HALL
 MAR. 4, 1934

BW-178-01

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE

Stanislaus National Forest

Summit District

NATURE TRAIL GUIDE NOTES

This easy trail takes you through a segment of the middle Sierra ponderosa pine forest. It is typical of the Transition Zone forest, composed of pine, fir and cedar and being quite open with little undergrowth. The elevation here is 5650 feet. Annual precipitation averages 35 inches. It is a region of deep snows; mild winters; cool dry summers.

The trail follows a quarter-mile loop. Each interest point is marked with a numbered post to correspond with the notes.

NUMBER 1. Nearly a century ago, a pioneer axeman felled the incense cedar that stood on this stump. Probably the wood was split for fence rails or for cabin-building materials. The outer sapwood has long since rotted away, leaving the extremely durable heartwood. It is not uncommon to find cedar stumps that were cut in the gold rush days of the 1850's.

NUMBER 2. PONDEROSA PINE - (Pinus ponderosa) This pine has three long, yellow-green needles in each bunch, or "bundle", and these are borne on stout twigs. All the young trees in this locality have grown from seed dropped from nearby parents. Ponderosa pines are not very tolerant of shade. They grow best when they have plenty of sunlight and root space.

NUMBER 3. WHITE FIR - (Abies concolor) The rather blunt needles of the fir occur singly on the twig. The branches grow in whorls around the trunk, a new whorl being formed each year. You can estimate how fast this tree has grown by counting the number of whorls.

NUMBER 4. INCENSE CEDAR - (Librocedrus decurrens) Note the scale-like needles and the flat, lacy foliage. Incense cedar and white fir are prolific seeders and surpass the more valuable pines in establishing seedlings.

NUMBER 5. SUGAR PINE - (Pinus lambertiana) Side by side here are a mature and a seedling sugar pine. The soft needles occur five in a bundle on thin, flexible branches. The bark of the old trees is covered with loose rusty or purplish-brown scales. These scales accumulate deeply around the base of the tree. Sugar pine cones are very long - 12 to 18 inches or more - and grow pendant at the ends of branches. From a distance, the sugar pine can be identified by its large, long, horizontal branches which somewhat resemble rat-tails. This tree, like other large "veterans" nearby, were young trees when the Declaration of Independence was signed.

PAGE 2--NATURE TRAIL GUIDE NOTES

The wood of the sugar pine is the most valuable of all the softwoods. It is used in fine sash and door, woodwork, cabinets, and for pattern making in industry.

NUMBER 6. PONDEROSA PINE - (Pinus ponderosa) Old trees can be identified by the yellowish-red bark which breaks into large plates, and by the bright yellow-green needles which form broom-like tufts on the end of upturned branches.

The cones of ponderosa pine are relatively small, about the size of an indoor baseball, and prickly. A close relative of this tree is the Jeffrey pine which grows at higher elevations (Dodge Ridge, Upper Herring Creek, Brightman Flat). The Jeffrey pine cones are the size of a large grapefruit.

The wood of the ponderosa pine is widely used in home building, boxes, furniture and "knotty-pine" interiors.

NUMBER 7. For over a quarter of a century, this fallen white fir tree has been rotting into organic matter to enrich the forest floor. In time, the rotted wood will become mixed with earth and mineral grains derived from rocks, thus contributing to the soil-building and replenishing processes constantly at work.

The exclusion of fire is necessary to preserve this vital organic material. Repeated burning, erosion, and trampling by animals and humans, can impair or even destroy the soils' ability to support a desirable type of vegetation.

NUMBER 8. The mature incense cedar can be identified by its reddish brown fibery bark, light green scaly needles, and its lacy appearance. The cones are composed of three coarse scales (bracts) about an inch long.

The mossy growth on the trunk and branches of this tree are strange plants called lichens. They are "double-plants" consisting of algae and fungi living in partnership. The fungus holds and shelters the alga, absorbing water and minerals from the wood and bark of the host tree. The alga, in turn, manufactures plant food from the water and minerals to sustain the life of both partners. Since moisture is critical to lichens, they grow best on the shady side of exposed trees, thus giving some credence to the old rule that "moss" grows on the north side of a tree.

Incense cedar is used for pencil making, shingles, interior and exterior lumber, fence posts and rot-resisting timbers. Often the wood of large trees contain many small pockets of decay. Lumber manufactured from this "pecky cedar" is sometimes used for rustic interiors.

NUMBER 9. The large, fire-blackened cavity in this ponderosa pine is called a "cat face". A valuable portion of the tree has been lost through fire and decay. Ground fires also kill small young trees and destroy the protective, spongy, organic surface

of the floor. Such fires do not rid the forest of disease or insects. On the contrary, they weaken the forest's ability to withstand attacks of natural enemies.

Just behind and to the right of this tree is a spreading bush - the Sierra Chinquapin (Castanopsis sempervirens). The under-side of its evergreen leaves is a fuzzy golden brown.

Nearby, and further right, is the whip-like bitter cherry (Prunus emarginata). Both species are common in the middle Sierra.

NUMBER 10. This small grove of white fir poles and saplings is a small but exclusive forest community. Here the "shade" of these trees has prevented an undergrowth of shrubs or other trees. Indeed, the firs are in command of the sun space and the soil space as well, for underneath the ground surface is a mass of roots as dense as the foliage.

Each forest plant competes for a place in the sun for its leaves, and a place in the soil for its roots. A forest community is the moments' product of this battle for space. The balance is ever-changing and so delicate that the removal of a single plant affects, in some way, life around it.

NUMBER 11. Outcrops of granite such as this are common in high Sierra forests. Granite is the bedrock of these mountains. Huge blocks of it form peaks; granite slabs, boulders, gravel and sand fill the valleys.

Granite decomposes rather quickly, forming soils which plants, particularly cone-bearing trees, thrive upon. Around the base of this outcrop is an accumulation of angular rock fragments which have "weathered" off the surface of the granite. This is the beginning of the soil making process. Notice, too, how large plates have broken away as examples of gross weathering.

In some areas, the granite bedrock is still covered by very hard volcanic formations which have not yet been worn away by geologic erosion. An example of such a "cap" over the granite is traversed by the Sonora Pass Highway between Long Barn and Cold Springs.

NUMBER 12. GREEN LEAVED MANZANITA (Arctostaphylos patula) The manzanita's stiff, crooked branches, smooth red bark and leathery, bright green leaves make it a distinctive plant. It is prized by hobbyists, decorators and nurserymen for display components. The manzanita seeds-in thickly on slopes denuded by forest fires or destructive logging. In the pine region of the Sierra are many large brush fields of this and associated shrubs which must be planted to conifer trees to restore productivity of the land and to assure future timber supplies.

NUMBER 13. MOUNTAIN WHITETHORN - (Ceanothus cordulatus) This sharp-thorned shrub is sometimes called buck brush or snow brush and is one of many different species of ceanothus. The white thorn

gives temporary cover to the soil but is crowded out and dies when overshadowed by trees. It is an inferior browse for deer and domestic animals.

NUMBER 14. On the skyline behind this stake can be seen the top of a large sugar pine. It is the flat-topped tree with long horizontal branches resembling a Ming tree.

Nearer-by and to the right of the sugar pine is the tall, thin spire of a white fir. The balled masses in the uppermost branches are called "witches-brooms". The mistletoe is a parasitic plant which derives its food elements from the tree. While it seldom kills the host tree, it weakens and deforms it. On national forest timber sales, trees with mistletoe are cut to reduce infection in the remaining timber.

NUMBER 15. The thin paint-like encrustations on these boulders are another form of lichens. Their soft tones of gray, green, yellow and red lend color and interest to the drab stone.

The lichens and turfed mosses are able to grow on bare rock under the most severe conditions. Sometimes trees, like the small white fir seedlings on the back of this ledge, appear to grow on solid rock. Actually, their roots are in soil contained in seams and cracks.

NUMBER 16. This is the stump of a sugar pine killed by bark beetles in 1950. It was sold for saw logs while the wood was still sound.

The rings of annual wood growth can be seen. Note how the tree endeavored to close the old open wound at its base. The bits of charcoal inside the cavity give evidence of a past fire. Indeed, fire may have caused the wound and exposed the wood to decay.

NUMBER 17. PINE MAT - (Arctostaphylos nevadensis) A prostrate form of manzanita and a favored cover for small animals.

NUMBER 18. On the wood and inner-bark of this small log are the fine engravings made by bark beetles which attacked and killed the tree. The meshing channels girdle the trunk and limbs, causing the tree to starve.

Sometimes only the very top of the tree dies, resulting in "stag-tops", or "snag-tops". Trees with thin open crowns and short, sparse needles have low resistance to insect attacks. Such trees are harvested first on national forest timber sales, leaving thrifty, fast-growing trees for the next crop.

END OF TRAIL Directly ahead is point Number 1.

If you have no further need for these notes, would you pass them on or return them to: District Ranger, United States Forest Service, P.O. Box 98, Strawberry, California.

FILE COPY

K
SUPERVISION
General (Honor Awards)

May 7, 1948.

K
PERSONNEL
Reveal, Jack L.

Jack L. Reveal
Summit District
% U. S. F. S.
Sonora, Calif.

Dear Jack:

It gives me a lot of pleasure to tell you that I have in my office an Honor Award in your name. This award is in recognition of your long, faithful, and meritorious service in the Forest Service.

Other men and women of the Stanislaus Forest have received like recognition and some who are not now on the Stanislaus but still part of the family.

I ask that you, and all the rest so honored, meet at the Sonora Office at 10 A. M., Tuesday, May 18, when the presentations of the Honor Awards will be made.

Very truly yours,

Allen F. Miller

ALLEN F. MILLER, Forest Supervisor

FMSweeley:vb

*K. P. Revealed
Reveal's Journal*



ACTION	INF.
Supervisor	<i>NW</i>
Asst. Supervisor	
Adm. Asst.	
Fire-Grazing	
Recr. Mgmt.	
Engineering	
BRC	
Timber Mgmt.	
Pers. Clerk	
Uses Clerk	
Acc't Clerk	
Mail Clerk	
Dispatcher	
Communications	
Rangers	

FOREST SERVICE
 Stanislaus National Forest
 SONORA, CALIFORNIA
N. A. BOWERS
 184 TUSCALOOSA AVENUE
 ATHERTON, CALIF.
JUL 3 - 1951
RECEIVED
 30 June 1951

Mr Allen F. Miller,
 Forest Supervisor,
 Stanislaus National Forest,
 Sonora, California.

Dear Mr Miller :

This is to express thanks and appreciation for the effective cooperation of the Forest Service in a continuation of the study of the old junipers (*Juniperus Occidentalis*)

Last November, with your permission, two of us went into the Hering Creek area to gather data that was later set forth in a "Progress Report" on growth of these trees, copy of which is in your files.

Following up on that study, this past week (26 and 27 June) the help of your forester J.L.Reveal enabled us to traverse and to take core borings in the Eagle Creek area and as far up as the Big Juniper at El. 8,500 ft.

I cannot say enough in praise of Mr Reveal; His knowledge of the country, his willingness to help in all that we had to do and his unfailing, friendly courtesy throughout the trip made us feel greatly indebted to him and to the organization he represents so ably.

Cordially yours,

Nathan A. Bowers.

*K. Personnel
Reveal, Jack*

FOREST SERVICE
Stanislaus National Forest
SONORA, CALIFORNIA
JUL 31 1951
RECEIVED

July 30, 1951

ACTION	INF.
Supervisor	
Asst. Supervisor	As
Adm. A. T.	
Fire-Grazing	cc
Recr. M. T.	
Engineering	
HRC	
Timber Mgmt.	
Pers. Clerk	
Usage Clerk	
Acc't Clerk	
Mail Clerk	
Dispatcher	
Communications	
Rangers	

Mr. Jack Reveal
U. S. Forest Service
Pinecrest, California

Dear Jack,

I wish to express my personal thanks and the thanks of the California Alumni Association to you for the wonderful way in which you responded to our call for aid in the search for Bob Der Lach. Your response was so typical of the whole hearted support and cooperation which we have received from you and the Forest Service during these past three years. I sincerely hope that we shall not have occasion to call upon you for repeated favors and assistance. But, it is very heart warming to know that you and your fine organization are available and ready to aid in times of distress.

Again, many, many, thanks, Jack, for your assistance and I am looking forward to seeing you in the near future.

Sincerely yours,
Mike Koll
Mike Koll
Director Camping Operations

MK/jcz
CC: Alan Miller