

WESTERN DIRECTORS MEETING *Denver* 702
KNovember 9, 1957

Meeting called to order by Chairman Fleming at 9:00 a.m. The following were present during the meeting:

<u>Name</u>	<u>State - USDA - SESD</u>
Ralph S. Hawkins	Arizona
Harold E. Myers	Arizona
Robert W. Hodgson	California
Paul F. Sharp	California
S. S. Wheeler	Colorado
M. M. Rosenberg	Hawaii
R. D. Ensign	Idaho
J. E. Kraus	Idaho
J. A. Asleson	Montana
J. E. Adams	Nevada
C. E. Fleming	Nevada
Robert H. Black	New Mexico
Albert S. Curry	New Mexico
R. M. Alexander	Oregon
R. W. Henderson	Oregon
F. E. Price	Oregon
T. C. Byerly	ARS, USDA
Charles G. Grey	SESD
D. W. Thorne	Utah
Louis L. Madsen	Washington
Lowell W. Rasmussen	Washington
Harold W. Benn	Wyoming
George H. Bridgmon	Wyoming
H. M. Briggs	Wyoming

Motion
W-1 Workshop

Thorne moved, Ensign seconded, that Administrative Advisor Wheeler be authorized to review the need and program for the W-1 Workshop and make a decision regarding the holding of the Workshop and its duration. Motion passed.

Approval of
Minutes of
July 10, 1957

Minutes of the meeting of July 10, 1957, were approved as distributed except for the following changes:

(1) Page 8 (Report, Coordination, W-11, W-25, and W-52) - the second word "discovered" should be changed to "discussed."

(2) Table VI (WM-23) - change as follows according to memorandum from Fleming, dated October 10, 1957:

<u>Station</u>	<u>From</u>	<u>To</u>
New Mexico	\$3,600	\$4,600
P. & C.	\$2,500	\$1,500

Motion
Nomination
Committee

Moved by Sharp, seconded by Henderson, that the Chairman appoint a Nomination Committee. Motion passed. Fleming appointed Sharp (Chairman), Briggs, and Kraus.

Public Relations
Subcommittee
of ESCOP

Kraus, Madsen, and others discussed the establishment of a Public Relations Subcommittee of ESCOP as recommended by ESCOP - one Director from each region, and one Home Economist from the nation at large.

Report
from SESD

Dr. Grey reported from SESD as follows:

Directors desiring early receipt of annual station review forms may request them from SESD. These will be sent out blank unless otherwise requested. Filling in forms by SESD will necessitate additional time for preparation.

REPORT TO REGIONAL DIRECTORS GROUPS

1. Comprehensive Reviews

- a. After considering with ESCOP the possibility of SESD undertaking comprehensive reviews at last year's meeting, a letter was sent to the Directors outlining the plans for the review and asking whether the station was interested in the program. In answer to this letter, thirty Directors responded by indicating subject matter areas where a review by consultants was desired.

The first review was conducted at the Montana station in March of 1957 on the program of agricultural economics and rural sociology. Through November 1, twelve reviews have been completed. These have included agricultural economics and marketing, rural sociology, forage crops, agronomy, animal husbandry, plant pathology, and entomology.

Plans are now being made for reviews of eight more station programs during December, 1957, and January, 1958. These will include food technology, land and water economics, veterinary science, poultry husbandry.

In addition to the twenty reviews completed as planned, the Division plans to follow up on the interest expressed by Directors at sixteen additional stations during the fall and winter of 1958-59.

To date, fifty-eight consultants have been approved for appointment, and appointments have been requested for twelve additional persons.

Based on expressions from the Experiment Station Directors, research workers, and the consultants, we feel that the comprehensive review procedure provides an effective means of evaluation and improvement in our research effort.

- b. A summary of the year's activities on comprehensive reviews will be mailed to the Directors in about two weeks.
- c. There will also be sent to each station a statement summarizing our experiences with the comprehensive review. This statement is entitled "Guides to Planning and Conducting Comprehensive Reviews of Experiment Station Research."

STATE AGRICULTURAL EXPERIMENT STATIONS
UNEXPENDED BALANCES OF FEDERAL FUNDS - FISCAL YEAR 1957

Year	Hatch Act, as Amended		Agricultural Marketing Act, Sec. 204 (b) Expired Funds	Total
	Quarterly Payments	Reg. Res. Fund		
1954	\$28,034.25	\$11,487.79	\$2,906.46	\$42,428.50
1955	27,550.52	45,265.85	4,404.83	77,221.20
1956	21,471.12	16,671.13	9,481.58	47,623.83
1957	17,204.04	29,191.88	1,145.03	47,540.95

Action - SESD
Hatch Funds as
State Funds

SESD will send a memorandum relating to earlier memorandum concerning the use of Hatch funds for payment of state sales taxes. The new memorandum will include a statement to the effect that Hatch funds once deposited in the state become state funds, applies only to the use of Hatch funds for payment of state taxes.

Recommendation
Continuation of
Research Summaries
Prepared by SESD

Price moved, Rosenberg seconded, that the research summaries by SESD be continued on a two-year basis with only three copies going to each station. Motion passed.

Report of
Committee on Use
of New Federal
Grant Research
Funds

(Minutes - July, 1957) - Western proposal was discussed by ESCOP, but no action taken. Moved by Curry, seconded by Rosenberg, that the Committee be continued and that it report at the March, 1958, meeting. Motion passed. Committee is: Price (Chairman), Kraus, Sharp, and Elting.

SES-OD-1136, Rev.
November 6, 1957

UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Service
State Experiment Stations Division

STATE AGRICULTURAL EXPERIMENT STATIONS
UNEXPENDED BALANCES OF FEDERAL FUNDS - FISCAL YEAR 1957

Station	Hatch Act, as Amended		Agricultural Marketing Act, Sec. 204 (b)		Total
	Quarterly Payments	Reg. Res. Fund	Expired	Carryover to 1958	
Alabama	---	---	---	\$ 920.20	\$ 920.20
California	---	---	---	2,630.00	2,630.00
Colorado	---	\$ 260.06	---	12.49	272.55
Connecticut:					
State	\$10,600.89/1	1,510.85	---	---	12,111.74
Storrs	---	508.45/3	---	3,361.13	3,869.58
Florida	17.72/2	16.12	---	1,571.45	1,605.29
Georgia	---	---	\$ 321.07/3	3,554.21	3,875.28
Hawaii	.50/1	---	---	---	.50
Idaho	---	1,804.56	504.27	---	2,308.83
Illinois	140.02/1	414.85	---	33.73	588.60
Indiana	999.99/1	5,431.15/3	---	581.30	7,012.44
Iowa	---	---	---	404.74	404.74
Kansas	436.20/2	4.44	---	4.57	445.21
Kentucky	---	---	---	252.19	252.19
Louisiana	---	1,255.30	---	---	1,255.30
Maine	---	---	---	4,211.32	4,211.32
Maryland	---	4,343.75/3	---	2,511.40	6,855.15
Massachusetts	---	---	85.61	---	85.61
Michigan	---	108.44	---	---	108.44
Mississippi	---	---	---	574.86	574.86
Montana	---	79.36	---	---	79.36
New Jersey	---	4,175.17	---	194.51	4,369.68
New York:					
Cornell	169.61/1	3,072.18	100.85	---	3,342.64
State	113.59/1	49.06	---	---	162.65
Oklahoma	---	---	---	1,553.05	1,553.05
Oregon	---	.67	---	---	.67
Pennsylvania	---	1,652.08	---	---	1,652.08
Puerto Rico	4,717.97/1	243.70	---	---	4,961.67
Rhode Island	---	84.77	133.23	---	218.00
Vermont	---	.22	---	---	.22
Washington	---	2,203.07	---	5,397.68	7,600.75
West Virginia	4.41/1	1,032.86	---	---	1,037.27
Wisconsin	---	940.77	---	---	940.77
Wyoming	3.14/1	---	---	---	3.14
Total	\$17,204.04	\$29,191.88	\$1,145.03	\$27,768.83	\$75,309.78

/1 Will be deducted from 1958 Fourth Quarterly Payment.

/2 Check has been received to cover.

/3 Need check. (Checks have been received for all other amounts in Columns 2 & 3).

SES-OD-1124
Rev. 11/6/57

MARKETING RESEARCH REQUIREMENT
FOR A 10-YEAR PERIOD

	Required Marketing Research	Marketing Allotments	Percentage Allotted for Marketing Research
1948-52	\$3,079,132	\$4,122,882	27.6
1953	742,268	981,603	27.3
1954	890,722	1,071,441	24.8
1955	1,707,216	1,932,891	23.3
1956	2,494,021	2,736,259	22.6
1957	3,199,175	3,585,471	23.1
1958	3,325,361	3,725,793	23.1

Required percentage for marketing research.....20.62

SES-OD-1074
Rev. 11/6/57

MARKETING RESEARCH REQUIREMENT

1957 Expenditures and 1958 Estimates

State	Marketing Expenditures 1957	Percentage Expended for Marketing Research	Marketing Estimates 1958	Percentage Allotted for Marketing Research
Alabama	\$ 117,209	24.5	\$ 125,235	25.2
Alaska	24,085	25.5	26,565	27.1
Arizona	31,338	23.0	29,814	21.1
Arkansas	98,956	24.9	104,487	25.3
California	95,997	22.3	91,897	20.5
Colorado	38,361	21.3	38,999	20.9
Connecticut	33,204	22.8	42,200	27.9
Delaware	27,793	26.6	24,869	22.9
Florida	49,434	21.0	49,000	20.1
Georgia	108,445	21.9	107,707	20.9
Hawaii	31,863	25.4	30,624	23.5
Idaho	34,992	22.4	41,438	25.5
Illinois	101,652	22.2	98,784	20.8
Indiana	91,990	23.2	98,909	24.0
Iowa	98,359	24.4	116,780	27.9
Kansas	56,466	20.3	57,325	19.8
Kentucky	120,582	24.4	119,255	23.2
Louisiana	72,488	21.5	80,271	22.9
Maine	40,882	25.7	51,713	31.3
Maryland	57,113	28.6	51,995	25.0
Massachusetts	42,324	23.6	49,155	26.4
Michigan	90,305	20.8	87,623	19.5
Minnesota	88,198	22.5	93,848	23.1
Mississippi	102,387	20.7	114,600	22.3
Missouri	118,324	27.1	104,872	23.1
Montana	47,668	32.0	37,148	24.0
Nebraska	52,727	21.5	55,008	21.6
Nevada	20,245	21.4	19,500	19.8
New Hampshire	26,270	22.0	27,113	21.9
New Jersey	31,193	17.6	34,300	18.6
New Mexico	30,586	20.5	34,208	22.1
New York	95,402	21.9	110,450	24.4
North Carolina	146,793	21.9	134,721	19.3

SES-OD-1074
Rev. 11/6/57

State	Marketing Expenditures 1957	Percentage Expended for Marketing Research	Marketing Estimates 1958	Percentage Allotted for Marketing Research
North Dakota	\$ 45,929	24.4	\$ 44,247	22.6
Ohio	108,242	20.8	126,900	23.4
Oklahoma	69,481	21.6	73,730	22.1
Oregon	42,046	20.2	74,035	34.3
Pennsylvania	<u>129,634</u>	<u>23.2</u>	<u>124,675</u>	<u>21.5</u>
Puerto Rico	157,974	34.3	162,080	33.8
Rhode Island	24,714	24.8	28,135	27.1
South Carolina	80,675	21.2	81,500	20.6
South Dakota	43,234	23.2	56,312	29.1
Tennessee	125,135	24.9	114,200	21.9
Texas	147,113	21.9	146,850	21.1
Utah	28,419	22.0	29,910	22.3
Vermont	<u>27,625</u>	<u>21.7</u>	<u>28,836</u>	<u>21.8</u>
Virginia	91,686	21.4	101,900	22.8
Washington	<u>61,921</u>	<u>26.2</u>	<u>49,968</u>	<u>20.3</u>
West Virginia	60,771	19.6	66,600	20.6
Wisconsin	87,046	21.9	90,422	21.9
Wyoming	<u>30,195</u>	<u>26.9</u>	<u>35,080</u>	<u>30.1</u>
Totals	\$3,585,471	23.1	\$3,725,793	23.1

Required Percentage for Marketing Research 20.62

Report from
ESCOP by Kraus

Attention was called by Elting and Macy to the releases being made by the National Science Foundation entitled "Reviews of Data on Research and Development." The latest issue is Number 8 for release in November, 1957, giving a survey on funds for research in agricultural experiment stations, 1953-54. Dean Macy indicated the Directors should obtain copies of these reports for permanent file and information. It was the consensus of the group that individual Directors should contact the National Science Foundation for copies of these reviews.

Elting reported that SESD had recommended to the Housing and Home Finance Administration that the four Administrative Advisors of the four regional housing projects be considered as an advisory committee on the allocation and use of funds appropriated to the above federal agency for housing research at the Land-Grant Colleges.

The Master Memorandum of Understanding of USDA has now been signed by all but six states. ESCOP approved and requested that a copy of Dr. Shaw's letter of explanation on this Memorandum be duplicated and sent to each Director for file with the signed copy of the Memorandum.

The Capital Facilities Bill, as prepared by the Legislative Committee, was discussed. A copy of this proposed Bill was sent to all Directors under date of April 10, 1957. ESCOP continued authorization to the Legislative Committee to proceed with arrangements for introduction of this Bill into Congress at a time felt to be most advantageous. It is anticipated that this will be introduced at the next session of Congress.

Dr. Kaufert, of the University of Minnesota, discussed the need for additional forestry research and funds for its implementation. He expressed hope that additional funds could be obtained either through the agricultural experiment stations, or by direct grants from federal sources through modification of the McSweeney-McNary Act. ESCOP indicated general approval of the idea of increased forestry research, but suggested the forestry people submit good project proposals to Agricultural Experiment Station Directors for support.

The Legislative Committee recommended formation of a public relations committee of ESCOP to help disseminate information on reasons for and value of agricultural research to the public and to Congress. It was recommended that one Director be selected from each of the four regions, and that a Home Economics representative be selected on a nationwide basis to membership on this committee.

The report was made of President Hannah's letter to Director Longwell regarding administration of regional research funds. President Hannah indicated that the Deans and

Directors should take a look at the regional research program from the standpoint of time involved in administration and the amount of funds expended for technical committee travel by staff members and administrative personnel.

The Federal-States Relations Committee recommended, and ESCOP approved, a resolution to be sent to Dr. Byron T. Shaw, ARS. This resolution was to the effect that Dr. Shaw be commended for supplying to each State Director the amount of USDA funds going into that state for agricultural research, but recommended that Dr. Shaw be requested to have the various USDA Division Chiefs supply each Director with a statement of budget allocations for research by projects in his state.

Proposed Report
on Regional Re-
search to the
Agricultural Re-
search Policy
Committee

L. M. Turk, Chairman, Committee of Nine - The importance of regional research is to be presented to the Agricultural Research Policy Committee (Committee of Eleven). Turk has been charged with the responsibility of carrying through on the proposed report. Turk suggested that our group propose two marketing and four or five non-marketing projects to the Committee of Nine for their consideration and possible use before ARPC.

Report
Supplemental
Report on ESCOP
by Curry

In connection with the ESCOP report, Curry mentioned that Macy was well impressed with the program and work of the ARI. He indicated that the Directors of experiment stations were not attending ARI meetings in the most enthusiastic manner, and left the impression that we should show more support of this activity. Director Lewis' report to ESCOP regarding plant patents pointed out the fact that his contacts with plant breeders showed that this group does not favor plant patent procedures as it will discourage cooperation and free exchange of material and information. The ESCOP report also revealed that the Kellogg Grant for NPAC has been extended for a two-year period only.

Legislative
Committee

Sharp made a brief report.

Report
Committee of
Nine

Report was made by Wheeler. The Committee of Nine voted to reduce the number of annual meetings from four to three, eliminating the September meeting except on call of the Chairman. Administrative advisors will be notified of this action and urged to expedite new and/or revised regional projects so as to have them ready for Committee of Nine consideration at its April and June meetings.

Report
Interregional
Committee on
Climatology
Research

Wheeler reported on the suggestion for an interregional committee on climatology research. Rasmussen supplemented the report by stating the results of the discussion before the Agricultural Research Institute, which was to the effect that there was a recognized need for strengthening the research in the area of the effect of climate on plants and animals.

Motion
Interregional
Committee on
Climatology

Moved by Rasmussen, seconded by Henderson, that the Western Directors cooperate with the other regions on the programs for climatology research by naming the Administrative Advisor of W-48, or his appointee, as a committee member on an informal interregional coordinating committee. Motion passed.

Remarks

Dr. T. C. Byerly appeared before the committee with very brief remarks.

Report
Project Review
Committee

Briggs reported as follows:

The Project Review Committee recommends approval of W-48, not to exceed three years, with the stipulation that the project must be revised and reconsidered before there is any change in budget from that indicated in the appendix to the regional project. The Committee is still of the opinion that the proposed study should be limited to a meteorological phenological approach at present, and that it is not advisable to broaden the approach to a fundamental study of plant physiology. If the latter approach should seem advisable at a later date, we suggest that a specific regional project be considered to attach that phase. We do not feel that projects to punch weather data on IBM cards should be attached as contributing projects.

The Review Committee has examined a proposed revision of WM-20 and does not feel it is ready for approval at the present time. The following is suggested to the Committee and Administrative Advisor for consideration as they develop the project:

- (1) The objective should be drastically reduced. All explanatory material of the procedures to be followed should be placed in procedures.
- (2) Specific citation should be made in the review of previous work.
- (3) Provision should be made for SESD and ARS representation.
- (4) Contributing projects should be attached.
- (5) A budget should be appended.

Since the project is financed for fiscal year 1958, we urge the Committee to prepare the project for review at the spring meeting so it can be considered for fiscal year 1959.

The Project Review Committee has examined the following submissions:

- (1) Economics of the Land Market and Values.
- (2) The Impact of Governmental Price, Income and Other Support, and Control Policies on Western Agriculture.

(3) Factors Influencing the Success of Marketing Cooperatives in Integrating Production, Processing, and Marketing Functions to Improve the Competitive Position of Farmers.

The above are not considered to be in proper form for consideration, and are not adequately supported by contributing projects. If the Directors wish any of these to be developed for further consideration, Administrative Advisors should be appointed and the projects developed according to suggestions in the last Manual of Procedure.

Briggs moved, and Ensign seconded, that the report of the Project Review Committee be approved. Motion passed.

ESMRAC

ESMRAC has not had a fall meeting according to Briggs.

WAERC Report

to the regional project. The Committee is reviewing the WAERC report (Minutes of July, 1957) was discussed. It is understood that WAERC will not be concerned with non-economic marketing. Olson and Huffman, of WAERC Committee, were called in to discuss the report. Chairman Alexander, Asleson, Olson, and Huffman were instructed to revise the statement and return a report at the Monday meeting.

Report

do not feel that projects to bunch weather. Report was made by Sharp as follows:

Nomination
Committee

- Chairman - C. E. Fleming
- Secretary - Harold E. Myers
- Committee of Three (three-year term) - M. M. Rosenberg
- ESCOPE (four-year term) - H. M. Briggs
- Legislative Committee - Harold E. Myers
- Committee of Nine (three-year term) - D. W. Thorne;
- Alternate - R. D. Ensign
- Joint Publication Subcommittee - J. E. Adams
- Federal-States Relations Committee - F. E. Price
- Public Relations Committee - J. E. Adams

Motion

Moved by Sharp, seconded by Kraus, that nominations be accepted, and the secretary be instructed to cast a unanimous ballot for all. Motion passed.

Action

Assignment of
W-4 Equipment
to Stations

Myers reported that the equipment assigned by W-4 Technical Committee had been assigned to the stations where the equipment was housed. The equipment had depreciated greatly, and in some instances, the present value is zero. There being no dissent, the action is approved.

Project Report
to Agricultural
Research Policy
Committee

Projects to be suggested to Committee of Nine for consideration for presentation before the Agricultural Research Policy Committee as proposed by Director Turk are as follows:

- (1) W-4 - Dr. Agnes Faye Morgan as reporter.
- (2) W-28, W-29, W-31, W-32, W-33, and W-42 as a group representing Soil and Water Research - Thorne as reporter.
- (3) W-1 - Wheeler as reporter.
- (4) W-49 - Briggs as reporter.

Motion

Moved by Curry, seconded by Ensign, that the above four groups be recommended for consideration of Committee of Nine. Motion passed.

Marketing Projects:

(1) WM-17 and WM-19 - Labor and Equipment Efficiency Studies.

(2) WM-21 - Marketing Information.

Motion

Moved by Henderson, and seconded by Rosenberg, that the above two groups be recommended for consideration of Committee of Nine. Director Sharp was suggested to handle WM-17 and WM-19. Director Wheeler was suggested to handle WM-21. Motion passed.

Technical Committee Advisors
Originally Assigned to the Late Director Carver

W-5, W-7, W-8, W-50, WM-18, and WM-25 - Briggs moved, and Ensign seconded, that Director Rasmussen be named Administrative Advisor for W-5, W-7, W-8, W-50, WM-18, and WM-25 until Director Buchanan resumes his duties as Director. Motion passed.

American National Livestock Association

Curry presented George Ellis, Chairman of the Research Committee of the American National Livestock Association. Ellis emphasized the desire on the part of his Committee to support and assist with development of the research and extension programs.

Appointment Western Regional Representative on IRM-1

The interim appointment of Dr. H. F. Holland, Oregon, by Chairman Fleming was approved by vote of the Directors.

Report Agricultural Pests Committee

Rasmussen reported on the Weed Subcommittee of the Pests Committee of the Agriculture Board. He stated:

"The Agricultural Pests Committee of the Agriculture Board of NAS - NRC is concerned with the economic losses caused by pests (disease, insects, weeds) and the economic gains resulting from control measures. The Subcommittee on Weeds requests the cooperation of the experiment station Directors in emphasizing the need for planning research projects to include procedure for obtaining loss and benefit data."

Motion Biological Control of Range Weeds

Ensign reported on a letter received from Director P. W. Oman of Beltsville, Maryland.

Moved by Briggs, seconded by Rosenberg, that Fleming and two other Directors prepare a resolution to be sent to Shaw and Oman, indicating concurrence in the idea expressed in the letter referred to above, and urging ARS to provide additional funds for the work. Motion passed. Sharp and Ensign were appointed.

W-11, W-52
Meeting

Curry was authorized to call a joint meeting of W-11 and W-52 projects.

Agenda
Spring Meeting

The reimbursement of those state representatives to regional meeting from P. & C. funds for those individuals who do not represent a contributing project shall be considered at the spring meeting. Briggs will be prepared to present the pros and cons of this issue.

Recess

Meeting was recessed until the following day.

November 10, 1957

1:30 p.m. - Meeting resumed.

Presentation

(Alexander - Huffman) - Alexander reported for the committee appointed to revise and clarify the policy statement concerning WAERC. The revised statement is as follows:

"Policy statement in rule of WAERC in organization and operation of regional research in economic field:

1. That the WAERC continue its advisory function of recommending fund allocations for economic regional research. *This will be done by recommending total allocation to economic projects to the Western Directors at their summer meeting and by reviewing state allocations recommended by the Technical Committee prior to the spring meeting of the Western Directors. In those cases in which WAERC recommends significantly different state allocations than those of the Technical Committee, an explanation should be made by WAERC regarding the difference. Recommendations shall be transmitted to the Chairman of the Western Directors with copies to all Western Directors.*

2. That the WAERC continue to serve as advisory review committee for all new regional research projects proposed by regional technical committees or others concerned with economic research. *Recommendations of the WAERC for Chairman of Western Directors, or Chairman of Western Directors Project Review Committee for consideration in the established review process of the Western Directors (the Project Review Committee of three Directors) shall be transmitted to the Chairman of the Western Directors with copies to all Western Directors.*

3. That WAERC be commended for the leadership the organization has been taking in setting up study groups in various problem areas in the economic field to determine research needs, or to evaluate effectiveness of present economic research programs."

The organization is urged to continue this program.

The above actions are to be transmitted by the Secretary of the Western Directors to the Chairman of WAERC.

Motion

Henderson moved, Sharp seconded, that we record the Committee's statement in the minutes, subject to further consideration at the 1958 spring meeting after the Directors and WAERC have had an opportunity to study it. Motion passed.

under procedures to be specified by the directors.

omit

and revised

two weeks before the meeting

to the Chairman of the Western Directors with copies to all Western Directors

1958 Spring Meeting at Tucson

It was agreed that the meeting be held March 3, 4, and 5, 1958, at the University of Arizona.

Meeting
Soil Survey
Salt Lake City,
January 27, 1958

The Soil Survey Meeting is to be held in Salt Lake City, January 27, 1958. Thorne was appointed to represent the Directors.

Motion
Post-Harvest
Physiology

Rasmussen reported that horticulturists interested in post-harvest physiology want a work conference in this subject-matter area. Rasmussen moved, and Ensign seconded, that the proposed meetings of post-harvest physiologists be held in conjunction with the meetings of the Western Horticultural Society rather than establish a new work conference. Motion passed.

Motion
Advisor Pro Tem
for Kelso

Curry moved, Ensign seconded, that Asleson be appointed Administrative Advisor Pro Tem for Kelso. Motion passed.

Motion
Livestock Market-
ing Information

Kraus moved, Curry seconded, that a committee, with Wheeler as Chairman and one other member of his choice, be appointed to confer with an equivalent extension committee on livestock marketing information. Motion passed.

Policy for
Federal Research
Grants Other
Than USDA

Thorne is to confer with SESD and other Directors to consider the possibility of asking representatives of various Federal research agencies to appear before the Directors at their Washington meeting and present their policy for research grants.

Motion
Research Report
No. 2

Rasmussen moved, Briggs seconded, that for the Extension Service and others interested in reproducing Research Report No. 2, we recommend to the Directors the following procedure:

(1) The material may be used in its entirety and should include the cover.

(2) If only a portion is desired, separate inserts should be used in their entirety together with the cover.

(3) In either case, Western Regional Research Report No. 2 should be cited clearly in the reproduction as the source.

(4) A preliminary draft of any proposed reproduction should be submitted for review to the W-8 Technical Committee member in the state concerned. In states not represented on the Technical Committee, the experiment station editor should consult the Technical Committee Chairman prior to granting approval for publication. Motion passed.

Resolution
Repositories -
Responsibility
of ARS

The following resolution was passed by the Agricultural Experiment Station Directors:

"There is great need in the agricultural research

program of the United States for repositories of basic material which would be available to the various state experiment stations, as well as the various federal agencies, to use in connection with their agricultural research programs. Such repositories would include such things as authentic strains of the various disease organisms of livestock, plant genetic material of one kind or another, virus- and disease-free plant material, etc. Examples of this type of repository are the seed storage facility at Colorado and the animal disease center at Ames. It is believed that the establishment and maintenance of such repositories are logically the responsibility of the Agricultural Research Service because of the position of the Agricultural Research Service as a nation-wide agency.

The Experiment Station Directors of the Western States have a responsibility to aid the Agricultural Research Service in obtaining federal financing to develop and maintain repositories which the Western Directors believe to be needed."

Resolution
Biological Control of Weeds on
Rangeland

The Western Directors passed the following resolution on biological control of weeds on rangeland:

"The extensive range areas of the Western States are a very important part of the agricultural economy of these states. While the land value and income per acre are relatively small, yet the area is so extensive that in total range feed production it makes a very important contribution to the livestock economy of the nation.

The feed production potential of range areas is greatly reduced by weeds. Control procedures which are economical for cultivated areas are too costly or impractical to be used for the control of weeds on range areas. A practical method for the control of weeds on the range appears to be through development and use of biological control methods. Since the Agricultural Research Service has personnel stationed in various parts of the world, and such personnel are experienced in foreign explorations designed to find and test biological control agents which might serve to alleviate the weed problems in the Western States, it is requested that the Agricultural Research Service expand its activities in the search of biological control agents for such weeds as Mediterranean sage, Scotch broom, Dalmatian toadflax, Italian thistle, saltcedar, puncture vine, in addition to the weeds now under study, such as halogeton, gorse, and Klamath weed.

Supplementing this activity on the part of the Agricultural Research Service, the agricultural experiment stations of the Western States would attempt to aid in the rearing, release, and evaluation of encouraging biological control agents to determine their effectiveness in the practical aspects of range weed control."

Adjournment

Meeting adjourned at 4:20 p.m.

Respectfully submitted,

Harold E. Myers
Secretary

December 2, 1957