

ASSOCIATION OF WESTERN AGRICULTURAL EXPERIMENT STATION DIRECTORS  
AND  
UNITED STATES DEPARTMENT OF AGRICULTURE  
211 POST OFFICE BUILDING  
BERKELEY 1, CALIFORNIA

OFFICE OF THE  
RECORDING SECRETARY

December 13, 1961

TO: Western Directors  
FROM: John O. Gerald, Recording Secretary  
SUBJECT: Minutes of November 1961 Meeting

Enclosed are the minutes of your recent meeting, with tables attached showing budget projections for 1962-63. For your convenience, there is tabulated below a list of items for your specific attention:

<u>For Specific Attention of</u>	<u>Page No.</u>	<u>Sidehead or Other Identification</u>
All Directors	6-7 12	RRC report, Section C Dates for 1962 meetings
All Administrative Advisers	9 12 14-15	Clarification of travel policies Notifications of acceptances of contributing projects 1962-63 budget projections
Asleson	7 12	RRC report, Section D Summer 1962 meeting, Montana
Bohmont	5	RRC report, Section B, Item 2
Boyce	9 12-13	Authorization, W-45 travel Agenda, Spring 1962
Briggs	9 12	Clarification, travel policies Spring 1962 meeting, Davis
Ensign	4-5 9-10 11 12-13	RRC report, Section A, W-58 1962 chairmanship Representatives, National Founda- tion Seed Committees Agenda items, Spring 1962
Frevert	3 12-13	Noncertified allotment, W-48 Agenda item, Spring 1962
Henderson	9	Clarification, travel policies

<u>For Specific Attention of</u>	<u>Page No.</u>	<u>Sidehead or Other Identification</u>
Hilston	3	Noncertified allotment, W-48
Huffman	3 12	Noncertified allotment, W-44, W-46, W-48, W-49, W-57, and W-75 Summer 1962 meeting, Montana
Jasper	4 12	RRC report, Section A, W-27 and W-41 Spring 1962 meeting, Davis
Kraus	12-13	Agenda item, Spring 1962
Price	3 12-13	Noncertified allotment, W-48 Agenda item, Spring 1962
Rasmussen	5 7	RRC report, Section B, Item 2 RRC report, Section D
Sharp	3 8	Noncertified allotments, W-48 and CRF-1 1962 Collaborators' conference See listings above for Boyce, Briggs, and Jasper, also.
Thorne	3 11 11-12	Noncertified allotment, W-48 Hoblitzelle award WSWRC work groups
Wheeler	3 9 10	Noncertified allotment, W-48 Clarification, travel policies Carcass evaluation research

Attachment

Copies to: Associate and Assistant Directors  
North Central, Northeastern, and Southern Regions  
Secretaries

MINUTES OF  
WESTERN DIRECTORS' MEETING  
Kansas City, Missouri

November 14-16, 1961

The meeting was called to order at 8:00 p.m. by Chairman Thorne. The following were present during all or part of the meeting:

R. K. Frevert	Arizona
H. E. Myers	
A. M. Boyce	California
D. E. Jasper	
E. G. Linsley	
P. F. Sharp	
D. W. Bohmont	Colorado
S. S. Wheeler	
M. M. Rosenberg	Hawaii
R. D. Ensign	Idaho
J. E. Kraus	
C. P. Wilson	Kansas
J. A. Asleson	Montana
R. E. Huffman	
J. E. Adams	
R. E. Ely	
A. S. Curry	New Mexico
P. J. Leyendecker	
R. M. Alexander	Oregon
R. W. Henderson	
F. E. Price	
W. H. Bennett	Utah
D. W. Thorne	
M. T. Buchanan	Washington
L. L. Madsen	
L. W. Rasmussen	
N. W. Hilston	Wyoming
B. F. Beacher	CSESS
J. O. Gerald	Recording Secretary

Introductions

D. W. Bohmont was introduced. He is Associate Director of the Colorado Station, filling a newly created post. Instructions and initiation of Director Bohmont into the Western Association of Agricultural Experiment Station Directors were, without doubt, deferred until the Spring 1962 meetings.

Approval of  
July 1961  
Minutes

No errors nor misinterpretations in the July 1961 Minutes had been reported to the Recording Secretary. Alexander moved, Frevert seconded, their approval. Carried.

ESMRAC

Alexander reported upon a recent meeting among Extension, Research, and State Departments of Agriculture personnel to discuss Title II of RMA. Primary concern was with the relations among the groups. A committee composed of chairmen of State Departments of Agriculture group, L. Y. Ballentine (North Carolina); Federal Extension Service group, C. B. Ratchford (Missouri); and Agricultural Experiment Stations group, C. P. Wilson (Kansas); was asked to recommend procedures that would insure nonduplication of efforts under Section 204(b) funds of the Hatch Act of 1955 (old Title II, RMA). This committee recommended an annual joint meeting among Extension, Experiment Station and State Department of Agriculture personnel concerned with marketing research, extension and

ESCOP

Price deferred commenting upon matters of concern to ESCOP to the overall Experiment Station Section meetings.

service programs

Committee of Nine

Rosenberg reported on actions of the Committee of Nine on August 21-22, September 25-27, and November 12-13, 1961.

The Committee voted to continue the \$250,000 for weed research in 1962-63, and to designate it as the "Committee of Nine Weed Research Fund." Motion was passed by the Committee of Nine to establish a "Committee of Nine Central Projects' Fund" at any level of increase in fiscal year 1963, to amount to 3 percent of the Regional Research Fund. The Committee thereby established the amount left for distribution to the four regions. Target figures of interest to the Western Directors are:

	<u>No Increase</u>	<u>\$7.5 Million Increase</u>
Total RRF	\$6,899,313	\$8,774,313
Central Projects Fund	--	263,000
Weed Research Fund	250,000	250,000
IR-1	33,100	33,100
IR-2	36,000	36,000
IR-3 (IRM-1)	62,900	65,000
Western RRF	1,594,782	1,989,207

At the September 21-22 meeting, the Committee redesignated the Weed Research Fund to make it a part of the Central Projects Fund. Procedures adopted for organizing a "CRF" project are described on page 3 of the Committee of Nine's minutes of September 21-22, 1961. Two projects now active are - "Control of Weeds Affecting Water Storage and Distribution Systems" and "Control of Range Weeds in the Great Plains." Director Lowell W. Rasmussen of Washington was appointed by the Committee of Nine as Administrative Adviser to organize and advise both committees.

Rosenberg gave a list of Western RRF allotments for 1962 that had not been certified as of November 9, 1961. These were:

Arizona	\$1,285 on W-48
California	\$1,285 on W-48
Colorado	\$1,285 on W-48
Montana	\$4,500 on W-44
	\$4,400 on W-46
	\$1,285 on W-48
	\$4,100 on W-49
	\$5,000 on W-57
	\$2,900 on W-75
Oregon	\$1,285 on W-48
Utah	\$1,285 on W-48
Wyoming	\$1,290 on W-48

On CRF-1, the allotment of \$35,000 to California had not been certified as of November 9, 1961.

The Committee of Nine deliberated as to whether Experiment Station research should be presented to the Secretary of Agriculture Commodity Advisory Committees. The Committee proposes that the Regional Associations consider if ESCOP should ask the Secretary to present regional and State research to his commodity advisory committees.

Legislative  
Subcommittee

Buchanan deferred comments on legislative developments to the Experiment Station Section meetings.

REPORT OF THE COMMITTEE ON REGIONAL RESEARCH  
to  
THE WESTERN DIRECTORS  
Kansas City, Missouri

November 14, 1961

The following were present at RRC meetings on November 12-13, 1961, in Kansas City, Missouri:

L. W. Rasmussen, Chairman  
J. A. Asleson  
N. W. Hilston  
B. F. Beacher, CSESS  
N. F. Farris, CSESS  
J. O. Gerald, Recording Secretary

A. Project Outlines Reviewed

W-27 Revised, Vibriosis in Sheep - RRC believes the work proposed to be done under this revision is needed, and found the outline to be satisfactory. RRC recommends that it be activated July 1, 1962, under the number, W-27, to continue to June 30, 1967.

/Rasmussen moved, Hilston seconded, adoption of the RRC recommendation. Carried./

W-41 Revised, Urinary Calculi of Cattle and Sheep - RRC found the critical review of W-41 to be good, and RRC comments of November 1960 on the earlier proposed revision of W-41 have been taken into account in the current outline. Further, RRC believes there is adequate justification for the continuation of this work, and, therefore, recommends approval of the revision as W-41, to continue to June 30, 1967. RRC did note, as it has frequently in reviewing project proposals, that contributing projects to W-41 have the same objectives as the regional project. This raised the question as to need for all the States to participate, but the justification and procedures section of the regional outline satisfactorily specified contributions expected to be made by the several States.

/Rasmussen moved, Asleson seconded, adoption of the recommendation. Carried./

W-58 Revised, The Relation of Temperature to Growth and Reproduction of Forage Crops - Previous work under W-58 was developed and conducted by plant breeders, and was concerned with genetic shifts and forage reproduction. This proposed revision was prepared by the W-58 Technical

Committee, but is directed toward growth - differentiation phenomena which are, with little exception, in the discipline of plant physiology. While RRC does not wish to pass judgment on subject matter details, the proposed outline does not seem to reflect full use of present knowledge of growth and differentiation. RRC also questions if the proposed procedures can isolate temperature effects.

RRC believes that studies, as suggested by the title and Objectives 3 and 1 of the proposal, would be worthwhile; it nonetheless recommends that this proposed area of work have further technical review before any project is activated. RRC recommends that final action be deferred until the Spring 1962 meeting. Each Director is to review the present proposal with qualified personnel at his Station and transmit comments to RRC before February 15, 1962.

It should be determined whether the present proposal which is oriented towards a physiological problem is a revision of previous W-58 or a new project. Is it appropriate and adequate that personnel of W-58 should pursue work in the area proposed? Should plant physiologists be asked to participate in the project development and research if approved?

/Rasmussen moved, Sharp seconded, adoption of the recommended course of action. Carried./

#### B. Other Notes on Active and Proposed Projects

1. Resolution of W-47 Technical Committee to discontinue June 30, 1962, the W-47 project on root development in forage plants was noted by RRC.
2. In view of the recently added duties of Director Rasmussen in advising the CRF weed research projects, RRC recommends that he be relieved of his responsibility as Administrative Adviser to W-25, Rangeland Improvement, and that Director Bohmont be appointed to advise this technical committee.

/Rasmussen moved, Leyendecker seconded, approval of this shift. Carried./

3. RRC received the request of the technical committee for W-48, Weather and Crops, for allotments of the \$9,000 remaining unallocated in the project budget. In view of the similarity of both nature and quantity of work to be done on the project in each of the participating States for the remainder of this fiscal

year, RRC recommends that the \$9,000 be allocated as follows: \$1,285 each to Arizona, California, Colorado, Montana, Oregon, and Utah; and \$1,290 to Wyoming.

/Rasmussen moved, Rosenberg seconded, adoption of the allotment recommendations. Carried./

4. RRC studied the resolution of the Western Section of the American Society of Animal Production relative to activating and/or more adequately supporting current projects in the area of carcass merit research. RRC deferred any recommendation on this since a special committee of Western Directors was appointed in July to study ESMRAC and other actions and proposals regarding this area of research.

/No action required./

5. RRC also deferred any recommendation on study of ranch property value, as requested in a letter from Mr. Ralph Miracle, Executive Secretary, Montana Cattle Growers Association. WAERC will review this matter at its forthcoming meeting, and will consider it in relation to a project on this topic it has had under advisement for some time.

/No action required./

#### C. Reorientation of the Regional Research Program

The current program of the Western Region includes 63 funded projects. A program of this size results in a heavy technical and administrative load and a low level of financing per project. The consequences of this situation are apparent.

At recent meetings of the Western Directors the regional research program and its operation have been discussed. RRC has been directed from time to time to review existing projects and to give due consideration to the merits of new proposals in comparison with ongoing projects. RRC has also been directed to review the Farrell report, the Horsfall proposal, Committee of Nine actions, and similar material. Such discussions and reviews have led RRC to recognize clearly that Western Directors and RRC have had no sound basis in the past for keeping workloads and funding levels in reasonable balance. The tendency has been to increase the number of projects each year - from 52 in fiscal year 1957 to 63 in the current year - without commensurate increases in budgets.



RRC believes reorientation of the program is needed. It believes project numbers should be reduced to permit not only lighter administrative workloads, but also to permit adequate funding of each and every project with 50-100 percent of total support coming from RRF. At present, RRF support is about 30-35 percent of total; and, few, if any, of the 63 projects are adequately supported in total.

RRC recommends that Western Directors accept as a general guide to this end the conclusion of Director Farrell that: "The main responsibility of regional associations of Directors should be, more concern...in crystallizing significant regional problems; the provision of expensive research tools for the region; and approval of budgets.

To do these things, RRC and Directors must determine from among the present active projects and proposed projects those which should be supported and the levels of support. Based on estimates of problem magnitudes and cost of research, the number of active projects at the present should be much lower than 63, but the number cannot be reduced overnight. RRC has not developed any procedure that will assure correct balance in funding and workload levels five or even ten years from now.

As a first step, RRC recommends that each Station rank each of the 63 projects as to its research merits. Ranks are to be excellent, good, fair, questionable, and poor. These ratings will be summarized and results presented at the Spring 1962 meetings. Such ratings may be of assistance to Directors and RRC in guiding the future course of project revisions, terminations, etc.

/Rasmussen moved, Hilston seconded, adoption of the recommendation. Carried./

D. Reorganization of RRC

RRC recommends that Director Rasmussen continue as chairman of RRC through the 1962 Spring meeting. RRC recommends that Director Asleson then assume the duties of chairman and maintain them through calendar year 1963. In this way, chairmanship in 1964 and following years can again devolve upon the senior member of RRC for only one year.

/No action required./

1962-63 Budget  
Projections

Tables prepared by RRC were distributed, and guides used by RRC in arriving at budget projections were discussed. Rasmussen moved, Sharp seconded, that the "no increase" budget of \$36,000 for W-6, New Plants, be increased to \$40,850 to offset the \$4,850 taken in 1962 from allotments to participating States for support of the central facility at Pullman, Washington; the increase to be taken from the "no increase" budget for W-71, Tree Seedling Establishment. Carried.

Rasmussen moved, Ensign seconded, that the RRC projections, as amended for W-6 and W-71 at the "no increase" level, be approved.

Boyce raised question of the adequacy of the budgets at both levels of increase for W-45, Pesticide Residues. Discussion of the urgency of this problem and of financing levels, in general, followed.

Rosenberg moved, Frevert seconded, that the motion be amended to transfer \$60,000 at the \$7.5 million increase level to W-45, to be obtained by showing no budget at this level for W--, Ruminant Physiology, a proposed new area of work. Amendment carried. Original motion, as amended, carried.

Budgets adopted by Western Directors are presented in the tables attached at the end of these Minutes, pages 14 and 15.

Answer to July  
1961 Resolu-  
tion

Chairman Thorne read a reply from ARS to the resolution, relative to insect identification activities of ARS, passed at the July 1961 meeting of Western Directors. The Directors were thanked for their interest in this work, and assured that every effort would be made to support and encourage the activity in an adequate manner.

Western Directors'  
Representation  
at 1962 Collaborators'  
Conference

Director Sharp was appointed by the chairman to represent Western Directors at the 1962 Collaborators' Conference to be held in early 1962 at the Western Utilization Research and Development Division, ARS Laboratory, in Albany, California. Chairman Thorne is to notify Dr. M. J. Copley, Director of the Division, of this appointment.

Clarification  
of Travel  
Policies

Sharp raised question as to the interpretations to be made of Directors' policies on travel to technical committee meetings at P&C expense. In particular, is there authorization to pay travel expenses from P&C for two or more technical representatives from a single State when each has an approved contributing project?

Consensus was that reimbursement is limited to expenses of the officially-designated representative, except as provided for under Section 2 of the travel policy (July 1961 Minutes, page 8).

Sharp moved, Myers seconded, that there be a limit of one technical representative per State with approved contributing project(s) having expenses for travel to technical committee meetings reimbursed from the P&C fund, except as additional representatives per State may be authorized by Western Directors to have travel expenses paid from P&C. Such authorization may be granted upon request of the Administrative Adviser for the project. The committee appointed in July 1961 to revise Section 4 of the travel policy (Henderson, chairman; Wheeler and Briggs) is to revise Section 2 to reflect this motion.

In discussion, question was raised if the technical committee must set aside funds, in advance, to cover expenses of such specially-authorized travelers. Consensus was that such requirement should not be established, depending upon Section 6 to guide Administrative Advisers in reimbursing expenses of authorized technical representatives.

The motion passed.

Question was raised if the Director of a Station, employing a person invited as a consultant under the rules of Section 4, last paragraph, should be notified of such invitation. Consensus was that this is unnecessary since at most Stations request for travel authorization would bring the information to the Director.

Authorization for  
Two Technical  
Representatives  
from California  
to Attend W-45  
Meeting

Boyce moved, Henderson seconded, that the two technical representatives to W-45, Pesticide Residues, from California be authorized to attend the next technical committee meeting (November 1961) at P&C expense.

Boyce reported that both have approved contributing projects; both have been attending technical committee meetings; but only one has been reimbursed from the P&C fund.

Motion passed.

Germ Plasm  
Laboratory

Wheeler reported on a meeting of some persons interested in semen physiology and evaluation research. This grew out of an original interest in establishing a national germ plasm storage facility. Funding of a project, or projects for such research, was thought by the group to be difficult; but CRF was mentioned as a possible funds source. Wheeler was asked to keep Directors informed of developments in this area.

Resignation of  
Chairman for  
1962 and Elec-  
tion of New  
Chairman

Director Price, who was elected chairman of Western Directors for 1962, asked to be relieved of this responsibility. In view of his reelection for 1962 as chairman of ESCOP, Western Directors acknowledged the justice of this request. The Nominating Committee (Wheeler, chairman; Frevert and Curry) presented the following nominations for 1962: Chairman

of Western Directors, R. D. Ensign; Alternate Chairman, D. W. Thorne.

Myers moved, Alexander seconded, that Director Price's resignation be accepted; that nominations be closed; and that the Secretary cast a unanimous ballot for Ensign and Thorne. Carried.

Carcass Evaluation Research

Wheeler reported findings of committee established by Western Directors in July 1961 (Wheeler, chairman; Adams and Alexander) to review needs for research in the area of carcass merit and evaluation, consumer preference, etc. Many Section 204 (b) projects are involved.

Wheeler introduced Director C. P. Wilson (Kansas), chairman of ESMRAC, and asked that Wilson explain the problem ESMRAC faces and possible solutions to it. Wilson stated that a large number of proposed projects in the area of carcass evaluation and consumer preferences for meat were presented to ESMRAC in 1961. None of these were funded, pending a determination of what is now active and what is needed. He reported that North Central Directors set up a committee chaired by Dean E. R. Kiehl (Missouri) to study this problem. Kiehl called a number of people together at these land-grant meetings to discuss what might be done. This group concluded that there should be a national meeting of technical workers, preceded, if feasible, by regional meetings. These meetings would solve the administrative problem of how to bring about better communication between technical workers.

Price moved, Myers seconded, that Western Directors authorize a regional work group composed of an Administrative Adviser to call the meeting and to organize the group and one technical representative per State. Travel is to be at State expense, and the group is authorized to select representatives for the national meeting to be called by ESMRAC.

In discussion, the speed of these developments was commented upon by several Directors. It was pointed out that ESMRAC asked for consideration of this problem in March 1961, will meet again in March or April 1962, and should receive assistance in evaluating what is presently being done and what other needs exist from deliberations held prior to its next meeting. It was mentioned that no one disciplinary group should preempt such meetings since very diverse talents are now expended in research of the types concerning ESMRAC.

The motion passed.

Ensign moved, Ely seconded, that Wheeler be appointed to call such meeting in the West and to organize the group. Passed. Chairman Thorne made the appointment called for by the motion.

Representatives  
for National  
Foundation  
Seed Committee

Ensign presented the recommendations of the W-40 Technical Committee for western regional representatives to the National Foundation Seed Committee. These were:

<u>Years</u>	<u>Representative</u>	<u>Alternate</u>
1961	Dr. A. G. Law (Wash.)	Mr. A. F. Shaw (Mont.)
1962	Mr. A. F. Shaw (Mont.)	Dr. E. H. Stanford (Calif.)
1963	Mr. A. F. Shaw (Mont.)	Dr. E. H. Stanford (Calif.)
1964	Dr. E. H. Stanford (Calif.)	(To be selected)
1965	Dr. E. H. Stanford (Calif.)	(To be selected)

Ensign moved, Curry seconded, that the recommendations be adopted. Carried.

Role of Directors'  
Associations  
in Hoblitzelle  
Award

Thorne reported that Directors' chairmen were asked late this summer to appoint committees to nominate persons for the Hoblitzelle Award in agriculture. The chairmen agreed and appointed such committees for 1961, but at least two of the chairmen raised question as to the appropriateness of Directors' Associations performing such functions. Such nominations were formerly handled by State committees appointed directly by the Texas Research Foundation which grants the award. It was also pointed out that experiment station rolls do not include many persons eligible for the award while professional societies' rolls would usually include all likely contenders.

Curry moved, Sharp seconded, that Western Directors are not in favor of carrying out this role of garnering and screening nominations for the Western Region in the future. Chairman Thorne is to communicate this reaction to other regional chairmen and the Texas Research Foundation, with the further thought that Western Directors believe professional societies are in better position and can more appropriately screen nominations. Carried.

Ely reported for the committee appointed by Chairman Thorne for screening nominations for the award in 1961. He explained procedures and commented that no less than three and no more than five nominations must be submitted to the national committee by December 1, or soon thereafter. He displayed the material that was distributed throughout the region, and the nomination forms which accompanied this material.

WSWRC Work  
Group Meetings

Thorne presented a request from WSWRC for the following work group meetings:

1. Soil Survey - to meet in New Mexico in January 1962.

Curry moved, Asleson seconded, approval for the meeting.  
Passed.

2. Clay Mineralogy - to meet in Reno, Nevada, in October 1962.

/Frevert moved, Price seconded, approval. Passed./

3. Phosphate - to meet in Reno, Nevada, March 23-24, 1962, with travel expenses paid from private sources.

/Wheeler moved, Asleson seconded, approval with understanding that Station funds would not be used to reimburse travel expenses. Passed./

4. Phreatophytes - to meet in Las Vegas, Nevada, November 28-29, 1961, in conjunction with Southwestern Interagency meetings.

/Leyendecker moved, Wheeler seconded, approval. Failed to pass./

Notifications of Acceptances of Contributing Projects

Wheeler commented that getting notices of acceptances of contributing projects were sometimes slow and difficult. Question was asked if notification of each and every acceptance was necessary. Chairman Thorne answered that it was, and asked that CSESS recommendations and requirements be cited here. /Administrative Advisers may refer to Manual of Procedures for Cooperative Regional Research, ARS 23-3, April 1958, page 11, for these details./

Other Regional Project Problems

Rasmussen commented that he would arrange for transfer of P&C funds for W-25, Rangeland Improvement, to Colorado. Henderson asked for wider participation in WM-35, Seed Marketing. Hilston commented on problems encountered in attempts to revise WM-23, Wool Marketing.

Dates for 1962 Meetings

Rasmussen moved, Price seconded, that the Spring 1962 meeting at Davis, California, be held March 7-9. Carried.

Dates for the Summer 1962 meeting in Montana were discussed. By consensus, it was agreed that August 7-9 would be preferred dates. The possibility of meeting at Glacier National Park is to be examined.

It was noted that AALGC&SU will meet November 11-14, 1962, at the Statler Hilton Hotel, Washington, D. C.

Items for Agenda for March 7-9, 1962, Meeting

Chairman Thorne asked that Price and Kraus serve as a committee to review possibility of having Rural Areas Development research as an item for the March 1962 agenda. They may, with the new chairman's concurrence, invite members or nonmembers to lead discussion, if they so desire.

Price moved, Frevert seconded, that Frevert be authorized to invite, with the new chairman's concurrence, someone from

the Department of Interior to the March 7-9, 1962, meeting to discuss with Directors possibilities for research grants, contracts, etc., from that department. Mr. Gene Eaton, or one of his associates, was mentioned. Passed.

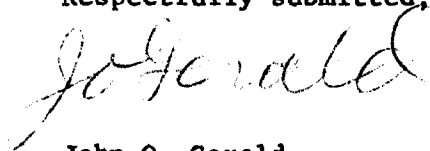
Chairman Thorne asked if Boyce should examine the possibility of having someone from the Department of Commerce or the President's Science Advisory Committee to attend the March 7-9, 1962, meeting to discuss research. Leyendecker moved, Rosenberg seconded, that Boyce be authorized to invite, with concurrence of new Chairman, such person(s) as seemed desirable. Carried.

Rosenberg asked if Directors should, at the Spring meeting, discuss the question of broadening both the public image and the scope of agricultural experiment stations. A study of this question that may be conducted under auspices of the Carnegie Foundation was mentioned. The new chairman may order that this item be included on the agenda.

Adjournment

The meeting was closed by Chairman Thorne at 10:40 a.m., November 16, 1961.

Respectfully submitted,



John O. Gerald  
Recording Secretary

Table 1.--1962-63 Budget Projections for Western Regional Research Projects - recommended by Western Directors, Kansas City, Missouri, November 14, 1961

Number	Project Description Title	1961-62 Allotments	1962-63 Projections	
			No Inc.	\$7.5m. Inc.
W - 1	Beef Cattle Breeding	\$ 77,200	\$ 77,200	\$ 87,300
W - 5	Poultry Diseases	20,000	20,000	21,200
W - 6	New Plants	36,000	40,850	45,000
W - 7	Turkey Breeding	17,000	17,000	18,000
W -12	Bean Breeding	20,200	20,200	21,400
W -16	Range Economics	20,400	19,900	22,500
W -24	Cotton Mechanization	17,000	17,000	18,000
W -25	Rangeland Improvement	60,000	60,000	63,600
W -27	Sheep Vibriosis	35,000	35,000	40,000
W -31	Soil Nitrogen	36,500	36,500	40,100
W -34	Range Livestock Nutrition	56,000	56,000	60,000
W -35	Ruminant Parasites	50,900	50,900	54,000
W -37	Rangeland Grasshoppers	15,000	15,000	15,900
W -38	Fungus Root Diseases	30,300	30,300	32,100
W -39	Fluorine Effects	25,000	25,000	30,000
W -40	Breeding Forage Plants	40,700	40,700	45,000
W -41	Urinary Calculi	26,000	26,000	29,600
W -44	Cholesterol Metabolism	32,700	32,700	34,700
W -45	Pesticide Residues	32,300	32,300	94,200
W -46	Stresses, Cattle & Sheep	26,000	26,000	30,000
W -47	Root Responses	11,800	-0-	-0-
W -48	Weather & Crops	15,300	20,000	25,000
W -49	Cattle Breeding Failures	40,000	40,000	45,000
W -50	Stresses & Performance - Hens	16,600	16,600	17,600
W -51	Drainage Design	17,000	17,000	27,000
W -52	Biochemistry, Herbicidal Action	9,300	9,300	15,500
W -54	Adjusting Farming	34,900	33,900	39,700
W -56	Nematodes & Root Diseases	12,900	12,900	13,700
W -57	Amino Acid Utilization	45,000	45,000	47,700
W -58	Forage Crop Production	27,600	27,600	29,200
W -59	Price & Income Policy	12,100	11,000	13,800
W -60	Textiles	10,000	10,000	15,000
W -61	Sheep Breeding	16,200	16,200	20,200
W -62	Farm Power & Machinery Costs	15,900	10,900	8,300
W -63	Weed Control	42,100	42,100	48,600
W -64	Fruit Viruses	27,000	27,000	28,600
W -65	Irrigation Hydraulics	29,700	29,700	35,000
W -66	Soil Structures	27,800	27,800	30,000
W -67	Soil-Plant-Water Relationships	37,500	37,500	40,000
W -68	Soil-Moisture Movement	11,000	11,000	20,000
W -69	Housing	21,000	21,000	25,500
W -70	On-Farm Water Use	11,900	15,000	20,500
W -71	Tree Seedling Establishment	18,300	18,600	35,000



Table 1.--1962-63 Budget Projections for Western Regional Research Projects - recommended by Western Directors, Kansas City, Missouri, November 14, 1961 (Cont'd)

Number	Project Description Title	1961-62 Allotments	1962-63 Projections	
			No Inc.	\$7.5m. Inc.
W -72	Forest Insects	-0-	-0-	\$ 32,000
W -73	Water Conservation	\$ 28,000	\$ 28,000	36,300
W -74	Leguminous Forage Insects	19,300	19,300	20,500
W -75	Water Resource Management	10,500	15,000	18,800
W--	Farm Labor Requirements	-0-	-0-	19,500
W--	Cattle Feeding Competition	-0-	-0-	21,900
W--	Ruminant Physiology	-0-	-0-	-0-
<b>Total</b>	<b>Nonmarketing</b>	<b>\$1,242,900</b>	<b>\$1,240,950</b>	<b>\$1,552,500</b>
WM-16	Grain Insect Control	\$ 18,000	\$ 18,000	\$ 19,100
WM-17	Frozen Fruits & Vegetables	25,500	23,500	31,500
WM-20	Hay & Feed	20,700	19,750	21,300
WM-23	Wool	25,000	25,000	25,000
WM-26	Consumer Purchases	16,000	16,000	17,000
WM-33	Meat	14,100	-0-	-0-
WM-35	Seed Marketing	10,000	10,000	10,600
WM-36	Dairy Consumption	12,500	-0-	-0-
WM-37	Livestock Transportation	31,750	32,150	34,500
WM-38	Management & Organization, Coops.	30,682	15,732	31,800
WM-39	Direct Buying, Livestock	32,900	32,500	35,600
WM-40	Retail Procurement	29,800	29,900	35,600
WM-41	Cotton Marketing	5,200	5,000	6,200
WM-42	Timber Processors	30,400	33,100	37,500
WM-43	Bulk Handling	18,900	21,900	24,400
WM-44	Promotion & Utilization	14,700	16,900	19,900
WM-46	Milk Market Organization	18,200	24,800	34,100
WM--	Integration & Coordination	-0-	20,700	37,607
WM--	Meat Quality & Marketing	-0-	8,900	15,000
WM--		-0-	-0-	-0-
<b>Total</b>	<b>Marketing</b>	<b>\$ 354,332</b>	<b>\$ 353,832</b>	<b>\$ 436,707</b>
<b>TOTAL</b>	<b>All Western Regional Projects</b>	<b>\$1,597,232</b>	<b>\$1,594,782</b>	<b>\$1,989,207</b>