

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

July 29, 1965

TO : Western Directors
FROM : John O. Gerald, Recording Secretary
SUBJECT: Minutes of July 20-22, 1965 Meeting

Attached are the Minutes of your recent meeting. Leo Gray and I worked together in getting these Minutes prepared, rather too rapidly perhaps.

This will be my last communication with you as your Recording Secretary. Thank you for taking me into this position. It has been most rewarding for me, and I shall miss the comradeship I have been privileged to enjoy. My successor has more rewards in store than he can possibly imagine at the moment, and I believe you will be rewarded with good service and fellowship by him. Many thanks for your kindnesses over the past five years.

The items below are listed for your specific attention.

<u>For Specific Attention of</u>	<u>Page No.</u>	<u>Sidehead or Other Identification</u>
All Directors	3	Correction and Approval of March 1965 Minutes.
	4	CSRS Comments - Request on Station Review Procedures.
	5	Regional Research - National Symposium on Farm Animal Waste Disposal.
	24 - 25	Administrative Adviser Assignments for 1965-66.
All Administrative Advisers	16	RRC Report - Item H.
Alexander	8	WWRC - Discussion re harmful or dangerous wildlife.
	19	Place and Dates of 1966 Summer Meeting.
Asleson	7	Elected as Treasurer

<u>For Specific Attention of</u>	<u>Page No.</u>	<u>Sidehead or Other Identification</u>
Buchanan	12	RRC Report, Item D, Action re Water-Based Recreation Demand.
	13	RRC Report, Item D, Action re WM-46.
Ensign	11	RRC Report, Item D, Action re W-40.
	12	RRC Report, Item D, Action re Halo Blight of Beans.
Farris	4	Regional Research - Reminder on Form 20.
Henderson	10	RRC Report, Item B, Comments of Committee of Nine re W-69.
	19	Action re Place and Dates of 1966 Summer Meeting.
Hill	10	RRC Report, Item A.1, Revision of W-45.
Hilston	10	RRC Report, Item B, Comments of Committee of Nine re W-44 and W-57.
	11	RRC Report, Item D, Action re W-34.
Huffman	5	Facilities Needs - Request to Director Bentley.
Leyendecker	13	RRC Report, Item E, Action re WM-49.
	18 - 19	Certificates for Past Members - Action re same.
Linsley	9	Committee of Nine Action on IR-3.
	13 - 15	RRC Report, Item F, Program for Use of RRF Increase in 1967.
	19 - 23	Resolutions - Action re same.

<u>For Specific Attention of</u>	<u>Page No.</u>	<u>Sidehead or Other Identification</u>
Peterson	17	Actions re 1966 Collaborators' Conference.
Pritchard	11 - 12	RRC Report, Item D, Action re W- , Reproductive Diseases of Cattle and Sheep.
M. Wilson	10	RRC Report, Item A.1, Approval of WM-54.
	11	RRC Report, Item D, Action re W-6.

J. Gerald

MINUTES OF
WESTERN DIRECTORS' MEETING

Travis Lounge, Travis Student Union
University of Nevada
Reno, Nevada
July 20-22, 1965

The meeting was called to order at 9 a.m. by Chairman Huffman. The following were present during all or part of the meeting:

R. K. Frevert	Arizona
C. F. Kelly	California
E. G. Linsley	California
J. H. Meyer	California
M. L. Peterson	California
D. F. Hervey	Colorado
C. P. Wilson	Hawaii
R. D. Ensign	Idaho
J. E. Kraus	Idaho
J. A. Asleson	Montana
R. E. Huffman	Montana
D. W. Bohmont	Nevada
R. E. Ely	Nevada
P. J. Leyendecker	New Mexico
M. L. Wilson	New Mexico
R. M. Alexander	Oregon
R. W. Henderson	Oregon
K. W. Hill	Utah
D. W. Thorne	Utah
M. T. Buchanan	Washington
L. C. Ayres	Wyoming
N. W. Hilston	Wyoming
N. F. Farris	CSRS
H. C. Knoblauch	CSRS
R. L. Olson	ARS-WURDD
D. M. McNeill	University of California
V. R. Smith	Utah State University
B. D. Joy	RPD&ES
J. O. Gerald	Recording Secretary
L. R. Gray	Recording Secretary Designee

Introductions
and Announcements

Bohmont introduced Dr. C. J. Armstrong, President of the University of Nevada. Dr. Armstrong welcomed the group to the campus and spoke concerning the research program at the University of Nevada and how it contributes to the teaching program there. He described the environmental orientation of both the agricultural experiment station research and the Desert

Research Institute. He gave credit to agriculture for having pointed the way toward such environmental research. Dr. Armstrong stated that he would look forward to further discussions with individuals of the group during the period of the meetings at the University and welcomed the group to return often.

Huffman introduced Dr. R. L. Olson, Assistant Director, WURDD, and Dr. C. Peairs Wilson, Dean and Director at the University of Hawaii.

Hilston introduced Dr. Lloyd C. Ayres who become Assistant Director of the Wyoming Station on July 1, 1965.

Visitors Dr. D. M. McNeill, Assistant to the Dean of Agriculture, University-wide, University of California and Dr. V. R. Smith, Dean, College of Agriculture, Utah State University were welcomed to the meeting and invited to participate in the discussions.

Gerald introduced Mr. Leo R. Gray, formerly of the Poultry Economics Group, Marketing Economics Division, Economic Research Service, who has been designated to serve as Recording Secretary to Western Directors.

Huffman appointed Henderson and Ensign as a committee to instruct new applicants for membership in the Association relative to responsibilities which they were praying to assume. At a later session, Henderson suggested that the neophytes should work hard and hope for good luck for all members of the group if they expect to be gladly received into membership. His input-output analysis indicated a developing deficit. The neophytes proved their good intentions and hopes for the success of the group by presenting small tokens having extreme usefulness in the hometown of the host institution.

Following this demonstration of qualifications, Henderson moved, Ensign seconded, that the group accept into membership P. Wilson, Ayres and Gray. Passed.

Ensign reported that he had learned that Gerald had never been initiated into the group and asked that the oversight be remedied.

Ensign moved, Henderson seconded, that Gerald be accorded honorary membership in Western Directors' Association. Passed.

Bohmont announced plans for the meeting and welcomed the group to participate in certain social activities arranged for the evening hours.

Correction and
Approval of
March 1965
Minutes

Gerald reported corrections to the March 1965 Minutes as follows: On page 1, to show that W. R. Pritchard of California attended; on page 20, to correct the initials of Dr. Ronald R. Renne; and on page 21, last sentence of the section relating to Pesticide Residue tolerances in animal products to read as follows:

"He stated that there are no tolerances even though it is economically not feasible, at present, for all animal products produced to contain no trace of residues."

Buchanan moved, Leyendecker seconded, that reading of the Minutes of the March 1965 meeting be dispensed with. Passed.

Comments of CSRS
Representative

Knoblauch reported for CSRS giving a resume of Congressional Hearings and actions on 1966 appropriations up to this time. He commented, in particular, on Senate Report 423 and on the request of the committee making this report that there be a joint State-Federal review of the agricultural research programs which are a joint undertaking and responsibility between the Department of Agriculture and the State Experiment Stations at the Land-Grant Colleges and State Universities. Knoblauch called the attention of the group, in particular, to seven items in Senate Report 423 -

1. Inclusion in 1966 appropriations of \$40,000 for the development of plans and specifications for the modernization of facilities at the U. S. Range Livestock Experiment Station at Miles City, Montana. The estimated cost of modernizing these facilities is \$521,000.
2. An appropriation of \$50,000 was recommended by the committee for modernization of the poultry husbandry research facilities at Glendale, Arizona. The committee suggested that the future research program of this station should include environmental investigations to improve the reproduction of poultry, including egg production, fertility, and hatchability.
3. The committee recommended an appropriation of \$455,000 for work in the area of nutrition and consumer use.
4. The committee recommended that plans be developed for a wool quality research facility to be located at the University of Wyoming.

5. The committee recommended additional mechanization research in California.
6. Ten thousand dollars per year for four years was suggested to the Department to be used in study of temperature variation and other climatic factors as related to maturity and quality of apples and pears in the Hood River area of Oregon and Washington.
7. The committee suggested that consideration should be given next year to research needed to cope with the stubborn diseases of citrus in the West.

Knoblauch commented on plans for development of the 1967 fiscal year budget. He stated that there is a need to show that low priority research support has been shifted to areas of highest priority. These priorities were established by ESCOP, Committee of Nine, Regional Directors' Associations and CSRS. He further indicated that reviews of appropriation requests for 1967 likely will be concerned to a considerable degree with cost reduction through elimination of low priority research.

Knoblauch again encouraged the States to illustrate pressing problems as a means of documenting appropriations requests.

Knoblauch informed the Directors of a study of the relationship between the geographical distribution of Federal funds for research and development and economic progress in certain geographical areas. He stated that this is receiving renewed interest by Congressional Committees.

At a later session, Knoblauch discussed CSRS State Station reviews with Directors and asked Directors to complete two questionnaires relative to these reviews. He stated that only with the help of Directors and Heads of Departments at the Stations can these reviews be made more meaningful to CSRS and more useful to Station Administrators and scientists.

Regional Research

Farris reminded Directors that each Station project financed with Federal funds must be reported to CSRS on Form 20. Directors requested that CSRS send a reminder of this requirement to Station Directors on or about May 1 each year.

Farris commented on current requirements for additional participation in ongoing regional projects. CSRS-SL-2418 issued December 19, 1964, described these requirements. Farris informed Directors of a National Symposium on farm animal waste management which will be held at Michigan State University, May 5-6, 1966. The problem, justification and preliminary program outline for the symposium was prepared and distributed

by Dr. P. E. Schleusener on July 15, 1965. This symposium is being organized by NC-69, Farm Animal Waste Disposal, Technical Committee.

Upon question, Farris informed Directors that special accounting for weed research expenditures is no longer required. Knoblauch commented that this reminded him of a question regarding federal property inventories of the State Stations. Records of such inventories must be maintained for inspection and audit by the Office of the Inspector General and the Office of Management Services.

ESCOP

Peterson informed Directors that minutes of the last meeting of ESCOP, distributed on June 17, 1965, summarized all relevant actions of ESCOP. He commented briefly upon certain sections of these minutes. In particular, he spoke of the concern of the Congressional Committees with the need for developing meaningful measures of Station research potentials and ESCOP's consideration of such measures as related to the five-year projection requested by Senate Report 423 and authorized for the Stations by ESCOP. He also commented on the authorization by ESCOP of a book which will describe the philosophy and orientation of the mission given to State Agricultural Experiment Stations by the Hatch Act as amended. The book is to be an analytical summary and is to be written in first draft by Knoblauch.

Frevort commented further on the State-USDA research planning committee which is developing the five-year program for joint submittal to the Senate. He and Dr. Barnard Joy, Research Program Development and Evaluation Staff, presented the preliminary report of the committee for long-range study of agricultural research which was established as a joint committee of USDA and State Agricultural Experiment Stations. Directors raised several questions concerning definitions, objectives, procedures and usefulness of results of this study for the consideration of the joint committee. Joy agreed to take these questions to the committee for consideration.

Huffman thanked Frevort and Joy for their part in this long-range study and for their participation with Western Directors at this meeting.

Facilities Needs

Huffman reported that Director Orville G. Bentley of South Dakota has available for distribution to the Stations copies of the report his committee prepared relative to five-year projection of facilities needs. Directors requested, by consensus, that copies of the report be distributed.

Marketing Committee

Huffman reported that the Marketing Committee of ESCOP met in Lincoln, Nebraska in May 1965. The Committee proposed a joint meeting between the extension, research, and State

Departments of Agriculture marketing committees. The Marketing Committee will function as a subcommittee of ESCOP but cannot function as an advisory committee to USDA inasmuch as the committee was not established under USDA rules and regulations.

Knoblauch reported that CSRS cannot pay any of the travel expense in connection with meetings of this ESCOP committee.

WAERC

Huffman reported that WAERC has not met since the last meeting of Directors but that it will meet in Colorado in August prior to the WFEA-AFEA meetings.

WSWRC

Frevert reported that WSWRC technical committees will meet in Tucson the last week in October. He again encouraged Directors to authorize attendance at the WSWRC meeting by Department Heads.

Question was raised as to whether WSWRC is a continuing committee of Directors or whether it will be considered as an ad hoc committee subject to discontinuance by RRC recommendation. The Recording Secretary reported that the Digest of Western Directors' Minutes records discussions relative to this question that occurred in July 1959. This discussion concluded that the Western Soil and Water Research Committee would be authorized to continue but without formal documentation through a Memorandum of Agreement.

Hervey asked if it were necessary for WSWRC to meet annually. Thorne stated that, as former Administrative Adviser, it was his impression that this question had been considered about two years ago by Western Directors. The Recording Secretary reported that the July 1960 Minutes record a motion that the Western Directors look with favor on any technical committee considering meeting alternate years when the development of the regional project has been stabilized. Frevert noted that as current adviser for WSWRC, he would favor less frequent meetings if representation by Department Heads could be obtained.

WHEAL

Bohmont reported that Western Home Economics Administrative Leaders will meet at the time of the ASU&LGC meetings in November 1965.

SSC

Buchanan reported that the advisory committee for social research in the West met in Salt Lake City in April 1965. The minutes of that meeting show that there are 27 areas of research interest to the group. A project was suggested to the group on the subject "What does the public expect of our Colleges of Agriculture?" The group will again meet in October at San Francisco.

Hervey asked if any other projects were in sight from the committee.

Buchanan reported that a subcommittee was established to develop a project which would seek outside financing for the project title suggested above and that other priorities for research are listed in the Minutes. He reported that he will continue to insist that the group narrow down the areas of research interest before submitting any project proposals.

Directors'
Travel Fund

Huffman reported that he had received few travel claims for reimbursement from the Directors' travel fund held at Montana and that the fund reflected a balance at the moment of \$1,863.73. Asleson was elected to assume the duties and responsibilities connected with the handling of this fund for Directors.

Wildlife and
Recreation
Committee

Alexander reported that he has not as yet attempted to organize an ad hoc committee as authorized by Directors' action in March 1965. Through cooperation of Castle and Wood in Agricultural Economics at Oregon, a list of current activities in this field in Oregon has been developed. This list follows:

1. Production and Management of Game Animals--Big Game, Waterfowl, and Upland Game Birds for Hunting and Other Recreational Use.
2. Production and Management of Fish and Shellfish Species for Sport Fishery Use.
3. Diseases and Parasites of Game Species.
4. Diseases and Parasites of Fish and Shellfish.
5. Classification and Distribution of Sport Fishery and Wildlife Species.
6. Basic Physiology, Ecology, Life History and Related Studies Including Food Organisms with Sport Fishery and Wildlife Species.
7. Effect of Domestic and Industrial Pollutants on Resources of Importance to Sport Fish and Wildlife.
8. Effect of Timber and Watershed Management and Logging Practices on Sport Fish and Wildlife.
9. Effect of Pesticides on Sport Fish, Wildlife, Including Habitat of These Species.
10. Effect of Other Practices--Agricultural, Industrial, etc., on Fish and Wildlife Resources.
11. Control of Nuisance Plants--Aquatic Weeds, Algae, etc., on Recreational Resources.

12. Economics of Shift of Resources from Other Uses-- Farming, Timber Production, etc., to Recreational Use.
13. Establishing Economic Values for Recreational Activities or Developments or from Depletion of Recreational Resources.
14. Measurement or Assessment of Wants, Desires, Needs, etc., for Recreational Activities and Facilities.
15. Other.

Alexander will survey other states in the region to determine what active projects are underway within these 15 areas. Following summarization of these projects, the states will be asked to name representatives to a committee.

Thorne raised the question as to whether there should be a category relating to the control of harmful or dangerous wildlife. Alexander replied that he had interpreted the assignment to be that wildlife related to recreational use, but will reconsider whether all wildlife should be included.

Committee of
Nine

Asleson reported upon the April and June meetings of the Committee of Nine and suggested that Directors refer to the Minutes of these meetings for information of specific actions and discussions. He referred specifically to the action of the Committee which would continue IR-3, National Policies and Programs, under its present organization and funding through June 30, 1966, but would then change the organizational and funding pattern to permit broad participation in the project with funding to be under the usual regional-station allotment procedures.

This report occasioned considerable discussion of the need for policy research; of the necessity that Stations do this research; and of the probable reduction of support for such research under a different funding procedure.

Buchanan, Peairs Wilson, Peterson and others commented on the unique system used for selecting projects for funding under IR-3 and on the outstanding contributions which have been credited to IR-3. Buchanan and P. Wilson, in particular, expressed grave concern that any alteration of the project approval and funding system would eliminate the possibilities for gaining significant results. The publicity achieved by the study of this committee, which was published as a special Congressional Report, and the prominence as men knowledgeable in policy implications that project leaders under IR-3 have achieved were mentioned.

Thorne moved, Alexander seconded, that the Chairman be authorized to appoint a committee to write a statement relative to this action of the Committee of Nine for consideration at a later session by Western Directors. Passed.

Huffman appointed P. Wilson and Buchanan to write this statement.

At a later session, P. Wilson presented a statement for consideration which noted some of the outstanding accomplishments of IR-3 made possible through the funding procedures followed; the nation-wide reputation and abilities of the regional technical representatives who judged contributing project merits and recommended fund allocations; and the seeming likelihood that such contributions would not have been forthcoming under alternative arrangements.

Following considerable discussion of the relationship of IR-3 action to another action of the Committee of Nine on the Contingency Fund allotment, Alexander moved, Leyendecker seconded, that the following be adopted regarding Western Directors' concern with the IR-3 action: The Western Association of Agricultural Experiment Station Directors is seriously concerned regarding the possible consequences of the Committee of Nine action in June 1965 on research conducted under IR-3. The Western Directors feel strongly that research of this type has resulted in outstanding contributions and has accrued wide recognition to the Experiment Stations. The Western Directors request that the Committee of Nine attempt to find procedures whereby research of the type conducted under IR-3 can be continued as effectively as was done under IR-3 in the past. Passed.

Asleson also reported the action of the Committee of Nine with regard to the establishment and use of the contingency fund which in 1966 will be \$250,000. Hervey stated that, in his opinion, the Committee of Nine should first present a justification for withholding an emergency reserve.

Thorne and others were concerned that the statement, in no respect, indicated how projects started under the contingency fund would be continued; whether as an IR project with "off-the-top" funding by the Committee of Nine or through funding by individual Stations out of their State total allotments of RRF. No specific action was taken on this matter.

Asleson next reported on the action of the Committee of Nine adopting a statement of functions of the Committee. Peterson and others suggested that the statement should be amended to include the planned use of CSRS personnel for pin-pointing projects in need of review by the Committee of Nine. Asleson pointed out that the Committee, by law, must recommend projects

to the Secretary of Agriculture for regional research; consequently, the Committee cannot formally yield any of its prerogatives in this respect to any other group. No action was taken on this matter.

RRC Report

REPORT OF THE COMMITTEE ON REGIONAL RESEARCH
to
THE WESTERN DIRECTORS
Reno, Nevada
July 19, 1965

The following were present at the July 19, 1965, meeting of the Regional Research Committee at Reno, Nevada:

R. E. Ely
P. J. Leyendecker
R. W. Henderson
K. W. Hill
N. F. Farris
J. O. Gerald, Recording Secretary
L. R. Gray, Recording Secretary Designee

A. INTERIM ACTIONS

1. Projects approved and forwarded to the Committee of Nine:

W-45 (revised) Pesticides Residues, to incorporate an objective to cover marketing phases. The revision is to terminate 6/30/66.

WM-54, Structure, Conduct and Performance of the Hay and Feed Grain Markets of the Western Region, a new project approved by the Committee of Nine for period 7/1/65 - 6/30/67.

2. Temporary adviser appointment: Hilston was appointed to serve as administrative adviser to W-49 replacing Oxley.

B. REVIEWS OF COMMITTEE OF NINE COMMENTS ON WESTERN REGIONAL PROJECTS

RRC reviewed comments of the Committee of Nine at its April 1965 meeting on three Western projects. RRC believes the comments to be well taken, and recommends that they be referred by the advisers of W-44, W-57 and W-69 for consideration and action by the technical committees at their next meetings.

[No action required.]

C. REVIEW OF COMMITTEE OF NINE STATEMENT OF THE NEED FOR REGIONAL RESEARCH

RRC reviewed the statement attached as Appendix A to the April 1965 Minutes of the Committee of Nine. RRC commends this statement to Directors' attention as a guide in the preparation of station programs of RRF supported research.

D. REVIEW OF PROPOSALS FOR REVISION AND NEW PROJECTS

W-6, New Plants, was written to be a continuing project with review each four years. The technical committee has submitted a critical review with the request that the project be continued. The review indicated that good results have accrued. RRC recommends continuance of the project as W-6 subject to review again in 1969.

/Ely moved, Leyendecker seconded, adoption of the recommendation. Passed./

W-34, Range Livestock Nutrition, technical committee submitted a critical review and a proposal that the project be revised. The review showed that considerable progress has been made on Objective 1, Techniques of Measurement. RRC recommends that the committee be authorized to proceed with a revision, with encouragement to concentrate on Objective 2.

/Ely moved, Peterson seconded, adoption. Passed./

W-40, Forage Crop Breeding, technical committee requested authorization to revise but with essentially the same objectives as the present W-40 project. RRC recommends that the revision be authorized, but requests the technical committee to submit a critical review of previous research with the outline. RRC also believes that a regional publication of results to date might be appropriate.

/Ely moved, Peterson seconded, adoption. Passed./

W- , Reproductive Diseases of Cattle and Sheep, was submitted as a new project proposal by the W-27, Sheep Vibriosis, technical committee. RRC believes that this may represent a desirable area for regional effort, but that further consideration should be given it prior to preparation of an outline. RRC recommends that the Chairman of Western Directors authorize Fritchard to invite stations to send representatives to a conference meeting for such consideration. If feasible, the conference group would prepare an outline of needed specific research proposals. The adviser should inform

the Station Directors at the time of sending the invitations that travel expenses can be paid from allotments to the amended RRF Administration Project.

/Ely moved, M. Wilson seconded, adoption.

/Ensign commented that there is a close relationship between pathological and physiological causes of breeding failures, and suggested that W-27 and W-49 should have been in liaison in developing this proposal.

/Ely and Wilson agreed to amend the motion to instruct Pritchard to establish liaison between his ad hoc committee and the W-49 technical committee.

/The amended motion passed./

W- , Halo Blight of Beans, was submitted by Ensign. Although the need for this work is not limited to the West, it was proposed that the Western Directors sponsor the project. RRC believes that there is considerable research completed and in progress which might give guidance to further research. RRC recommends that the Chairman of Western Directors authorize Ensign to organize a conference of interested personnel to discuss the subject. Travel of Western State representatives to the conference would be reimbursable from the RRF Administration Project. If the conference group concludes that more research is necessary, a specific proposal should be prepared which would also indicate the extent of participation expected from within and outside the region.

/Ely moved, Henderson seconded, adoption. Frevert asked as to how other Directors would learn of meeting? Ensign replied that he would notify other Stations. Passed./

W- , Water-Based Recreation Demand, was submitted from the WAERC Water Research Committee. RRC believes the area to be worthy and appropriate for regional research, but lacks information on relationship of the proposed research to that of the new State Water Research Institutes. The statement further was not very specific as to research most needed. RRC recommends that the statement be referred back to WAERC Water Committee for further development, and for review and coordination through WAERC and the Ad Hoc Committee for Wildlife and Recreation Research.

/Ely moved, Leyendecker seconded, adoption.

/Thorne commented that the Stations have a status and responsibility in this area, Water Research Institutes notwithstanding. Buchanan pointed out that the Water Research Institutes have no regional research mechanism.

/The motion passed./

WM-46, Dairy Market Structure, technical committee submitted proposal for a new project, current and prospective demand for dairy products in the West. RRC recommends that this proposal be referred to WAERC for further study as to its suitability and desirability as a regional marketing project.

/Ely moved, Buchanan seconded, adoption. Passed./

E. REQUEST FOR EXTENSION

WM-49, Cotton Marketing, technical committee requested a one-year extension to permit completion of work. The original duration of this project was only three years. RRC recommends extension to 6/30/67.

/Ely moved, Peterson seconded, extension. Passed./

F. PROGRAM FOR USE OF RRF INCREASE IN 1967

RRC was directed to develop a program of regional research for the 1967 fiscal year which would utilize the RRF portion of a \$10 million proposed increase in Hatch Act appropriations. In developing this program, RRC surveyed station directors for their views as to areas needing emphasis and for suggestions of specific types of needed research. Both of these items of information were to be for the eight areas specified by the Legislative Subcommittee. RRC reviewed these materials and recommends the following to Directors for further consideration by the Legislative Subcommittee:

Area I. Meeting Increased Costs of Research

Area II. Marketing and Utilization

1. Pricing practices, market structure, and competitive relationships for agricultural inputs.
2. Production, transportation and distribution, and utilization of livestock feeds and implications for location of meat and poultry production in the Western States.

3. Chemical control of post-harvest fruit and vegetable decays occurring in packing-houses, transit, storage and markets.
4. New Processes to reduce the bulk and weight of shipped products.

Area III. Resource Protection

1. Prevention and Control

Plant and Animal Diseases - Examples:

- a. Halo Blight of beans
 - b. Stubborn Disease of citrus
 - c. Neonatal diseases
 - d. Reproductive diseases
 - e. Pulmonary Enphysema
2. Biological Control of Pests and Parasites
 3. Research in protection of air, soil and water from contamination.

Area IV. Resource Research and Development

1. Effects on farm land values, farm production costs, regional land-use patterns, and farm production adjustments of the expansion of urban areas and recreational land use.
2. Research to guide and stimulate recreational aspects of natural resource development.
3. Human resource adjustment to social change in the West.

Area V. Improved Quality and Efficiency

1. Mechanization of harvesting and handling of farm products.
2. Retention or improvement of consumer quality of farm products through more effective storage.

Area VI. Land Use Adjustment and Agricultural Policy

1. Social, economic and political complications of changes in farm labor supply.

Area VI cont'd.

2. Public restraints on farm size and effects on regional resource development and land-use patterns.

Area VII. Human Nutrition and Consumer Use

1. Socio-economic aspects of human food habits in relation to expanding foreign markets.
2. Protein and fat metabolism and the inter-relationships of these dietary components.

Ely moved, Henderson seconded, that the list be forwarded to the Legislative Subcommittee for its consideration. Passed.

G. ADMINISTRATIVE ADVISER ASSIGNMENTS FOR 1965-66

RRC reviewed adviser assignments and vacancies with the consideration of present administrative adviser assignments and other regional and national commitments. RRC emphasizes the importance of administrative adviser attendance at Western Directors' meetings to keep the association informed. RRC recommends the following replacements and new appointments:

	<u>Adviser Assignment</u>	
	<u>As of 7/1/65</u>	<u>Appointed for 65-66</u>
W-1, Beef Cattle Breeding	Vacant	Meyer
W-44, Cholesterol Metabolism	Vacant	Hilston
W-45, Pesticide Residues	Boyce	Hill
W-49, Cattle Breeding Failures	Hilston	Hilston
W-50, Stresses and Performance-Hens	Vacant	Meyer
W-52, Biochemistry Herbicidal Action	Vacant	Bohmont
W-61, Sheep Breeding	Vacant	Ensign
W-81, Water Transfer	Vacant	Hervey
W- , Two-Person Housing	Vacant	Henderson
WM-44, Promotion and Utilization	Vacant	P. Wilson
WM-52, Stored Grain Insects	Boyce	Henderson
WM-53, Advertising and Pricing-Retail	Buchanan	Hill
WM-54, Hay and Feed Grain Marketing	Vacant	M. Wilson
IR-3, National Policies	Vacant	P. Wilson
WAERC	Vacant	Buchanan

Ely moved, Thorne seconded, that the recommendations be adopted. Passed.

A list of all 1965-66 adviser assignments is attached at the end of these Minutes.

H. TERMINATIONS BY YEARS OF WESTERN REGIONAL RESEARCH
PROJECTS AS OF JULY 31, 1965

<u>6/30/65</u>	<u>6/30/66</u>	<u>6/30/67</u>	<u>6/30/68</u>	<u>6/30/69</u>	<u>6/30/70</u>	<u>6/30/71</u>	<u>6/30/72</u>	<u>6/30/73</u>
W-31*	W-25	W-24	W-35	W-1***	W-50	W-54		W-61
W-60*	W-34**	W-27	W-56	W-6****	W-71	W-78		
W-69**	W-37**	W-38	W-57	W-46	W-85			
WM-16*	W-40**	W-41	WM-47	W-51	W-86			
WM-39	W-44**	W-48	WM-48	W-52	W-87			
WM-40*	W-45	W-58		W-64	W-88			
WM-43	W-49	W-80		W-65	WM-52			
	W-74	WM-33		W-66	WM-53			
	WM-26**	WM-35		W-67				
	WM-38	WM-49		W-68				
	WM-44	WM-50		W-77				
	WM-46	WM-54		W-79	W-84			
				W-81	WM-51			
				W-82				
				W-83				

* Replaced by new projects.

** Authorized for revision or replacement.

*** Continuing, but 10-year review due in 1969.

**** Continuing, but 4-year review due in 1969.

1966 Collaborators' Conference at WURDD Dr. R. L. Olson of WURDD presented three possible topics for the 1966 Collaborators' Conference to be held at Albany, California. These topics were:

1. The Salmonella Problem in Poultry and Other Products.
2. Chemistry of Color Changes Encountered in Foods.
3. Improved Fabrics from Natural Fibers.

Following discussion of the content of each of these subjects a preferential vote on topic was conducted. No. 1, The Salmonella Problem in Poultry and Other Products, was first choice of Directors. Chemistry of Color Changes Encountered in Foods was second.

Huffman asked Director Peterson to serve as the Directors' representative in working with WURDD in program development and asked Dr. Peterson to name a technical representative for program development.

Olson raised question as to whether the meeting should be opened to the interested public or if it should be a closed meeting between WURDD personnel and representatives of the Stations.

Buchanan moved, Leyendecker seconded, that Director Peterson and officials of WURDD be authorized to decide this matter with regard to open versus closed meeting. Passed.

Land and Water
Research

Linsley reported on correspondences with Dr. L. E. Hawkins, Chairman of ESCOP, concerning matters discussed at the March 1965 meeting of Western Directors and upon responses received from ESCOP. Linsley reported that the matter seemed not to be resolved completely by the discussions of ESCOP.

Thorne stated that his concern, in suggesting the topic for discussion at the March 1965 meeting, was the dismal image which agriculture apparently has with agencies other than the Department of Agriculture. It had been his hope that ESCOP would fully consider these matters and institute means for correcting this image.

At this point Frevert read ESCOP Minutes relative to this discussion. ESCOP suggested that Western Directors might explore this matter more fully within the West and then return to ESCOP with positive recommendations for action.

Frevert suggested that the Soil Survey Subcommittee of ESCOP might take up this issue in more detail at its next meeting. No further action was taken on this matter.

Certificates for
Past Members
of WAESD

Leyendecker presented for review the form of a certificate prepared by himself which would be awarded to each past member of WAESD. This certificate was so stated that it gave the title Director Emeritus to all prior members. Question was raised as to whether the Emeritus title could be awarded by such group. Opinion seemed to be that the title was one of recognition for past services and did not necessarily indicate an official status of the holder in the current affairs of the group. Leyendecker reported that he had made arrangements to obtain paper for the printing of the certificates at no cost to the Association. He asked if the special fund held at Montana might be used to pay for frames and for postage in mailing.

Ensign moved, Hill seconded, that the certificate be adopted for Western Directors and be awarded to all previous and outgoing members, with the forms to be prepared at no expense to the Association, but with frames and postage to be paid for out of Directors' travel fund.

Henderson moved, Thorne seconded, that the motion should be amended to include a commendation for Leyendecker and others who participated in preparing the form. The amendment passed. The main motion passed.

Lists of persons thought to be former members of Western Directors were circulated by the Recording Secretary. Leyendecker requested that these lists be corrected and returned to the Recording Secretary for development of a consolidated list of previous members.

Nominations for
1966

Ely presented the report of the Nominating Committee as follows:

Chairman, Western Directors	- D. W. Bohmont (1 yr. term)
Vice Chairman, Western Directors	- N. W. Hilston (1 yr. term)
Secretary, Western Directors	- E. G. Linsley (1 yr. term)
Regional Research Committee	- K. W. Hill (3 yr. term)
Alternate, Regional Research Com.	- C. P. Wilson (1 yr. term)
Committee of Nine	- R. E. Ely (3 yr. term)
Alternate, Committee of Nine	- P. J. Leyendecker (3 yr. term)
ESCOPE	- R. D. Ensign (3 yr. term)
Marketing Committee	- R. M. Alexander

Treasurer - J. A. Asleson (indefinite term subject to re-assignment not to be submitted for the national elections.)

Ely moved, Hervey seconded, acceptance of the report. Passed.

The Chairman called for other nominations.

Leyendecker moved, Hervey seconded, that the nominations be closed and a unanimous ballot be cast for the slate of nominees recommended by the Nominating Committee. Passed. Elections will be held by the Experiment Station Section in November 1965.

Program for Experiment Station
Section in
November 1965

Ensign reported plans for the program of the Experiment Station Section at the NASU&LGC Convention in November 1965. He reported arrangements for Western Directors to meet Monday night, November 15 and Wednesday afternoon, November 17, 1965.

Ensign moved, Frevert seconded, that Western Directors confirm their desire to meet at these times. Passed.

Huffman raised question regarding chairmanship for the November meetings. Neither he nor Buchanan expect to be at the November meetings. Ensign moved, Leyendecker seconded, that incoming Chairman Bohmont be requested to preside at the November 1965 meetings. Passed.

ARS-Experiment
Station Co-
operation

Kraus discussed certain problems encountered in cooperative relations with ARS and asked other Directors to comment with regard to their procedures in such circumstances. A number of comments and suggestions relative to this subject were exchanged.

March 9-11, 1966
Meeting

Frevert reported plans for the spring meeting of Western Directors in Tucson, Arizona, March 9-11, 1966.

Place and Dates
of Summer 1966
Meeting

Alexander invited Western Directors to meet in Oregon in the summer of 1966. He suggested that the first day of the meeting might be held at Corvallis, and the second and third days at the Oregon State University Marine Research Laboratory at Newport, Oregon.

Thorne moved, Hervey seconded, that Western Directors accept the invitation to meet in Oregon in the summer of 1966.

Kraus moved, Hervey seconded, that the meeting be held July 19-21, 1966. Passed. RRC will meet July 18, 1966.

Resolutions of
Recognition &
Appreciation

Asleson and Kelly presented the following report:

WHEREAS, the Western Association of Agricultural Experiment Station Directors including CSRS representatives and guests have been provided with excellent meeting facilities; and

WHEREAS, arrangements were made for the group to take part in two enjoyable and educational tours; namely to the Laboratory for Human Development and Harrah's Auto Collection; and

WHEREAS, a most enjoyable program was provided for the wives and families during the stay in Reno;

THEREFORE, BE IT RESOLVED that the Western Association of Experiment Station Directors, the CSRS representatives and guests, at their meeting of July 20-22, 1965 at the University of Nevada express their sincere appreciation to Director and Mrs. Bohmont, Director and Mrs. Ely, and their staffs, for making these arrangements and for their hospitality which contributed so much to the success of the meeting and making our stay a memorable occasion.

WHEREAS, the Western Association of Experiment Station Directors including the CSRS representatives and guests have completed a successful meeting and memorable stay in Nevada; and

WHEREAS, this group was privileged to hear an informative discussion of the recent developments, future plans, and philosophies of the University of Nevada by President Armstrong;

THEREFORE, BE IT RESOLVED that the Western Association of Experiment Station Directors express their sincere appreciation to President Armstrong and his staff for the many courtesies extended to the group and for the excellent local arrangements that were made which contributed so much to the success of the meeting and making the stay in Nevada a memorable one,

WHEREAS, the Western Association of Experiment Station Directors including the CSRS representatives and guests were privileged to visit the Laboratory for Human Development and to hear a discussion by its Director, Dr. R. Pickering, of very important and impressive work being conducted at the Laboratory;

THEREFORE, BE IT RESOLVED that this group extend their appreciation to Dr. Pickering and his staff for the excellent presentation and for their courtesy in taking their time to discuss their program with the group.

WHEREAS, Dean and Director F. Earl Price of Oregon State University has been a member of the Western Association of Experiment Station Directors of the Association of State Universities and Land-Grant Colleges for 15 years; and

WHEREAS, Director Price has been an exceptionally effective leader in promoting and improving the research programs of the State Experiment Stations on both the Regional and National levels, having served with distinction on many regional and national committees; and

WHEREAS, his abilities as a research administrator are well demonstrated by the recognized quality of the research program of the Oregon Agricultural Experiment Station; and

WHEREAS, Director Price will retire on August 31 after more than 42 years of service to the State of Oregon, the Region and the Nation;

THEREFORE, BE IT RESOLVED that we, the Experiment Station Directors of the twelve Western States express our regrets at losing Director Price's valuable counsel, leadership, and companionship which have contributed so much over the past 15 years, and to wish for him and his charming wife a long, healthy, enjoyable, well-earned retirement.

WHEREAS, Dean and Associate Director Henry J. Vaux of the University of California at Berkeley has been a member of Western Agricultural Experiment Station Directors of the Association of State Universities and Land-Grant Colleges for 10 years; and

WHEREAS, Director Vaux has been an outstanding leader in promoting and improving the forestry research programs of the State Experiment Stations on both the regional and national levels, having served with distinction on regional and national committees, and

WHEREAS, Dr. Vaux is returning to full-time teaching and research in the School of Forestry, University of California;

THEREFORE, BE IT RESOLVED that we the Experiment Station Directors of the twelve Western States extend to him our sincere appreciation for his valuable services to the Region and the Nation and express our regrets at losing his counsel and leadership. We wish him continued success and happiness in his research and teaching activities.

WHEREAS, Vice President Roy E. Huffman of Montana State University has been a member of the Western Association of Experiment Station Directors of the Association of State Universities and Land-Grant Colleges for seven years; and

WHEREAS, Dr. Huffman has served with distinction on both regional and national committees; and

WHEREAS, his leadership qualifications have been demonstrated and well recognized in Montana, the Western Region, and the Nation, having served in several Regional and National capacities; and

WHEREAS, Dr. Huffman was appointed to the position of Vice-President for Research at Montana State University on July 1, 1965;

THEREFORE, BE IT RESOLVED that we the Experiment Station Directors of the twelve Western States express our regrets at losing his counsel and leadership and extend to him our sincere appreciation for his valuable service to the Association. We wish him continued success and happiness in his new position and are pleased to know that his influence and counsel will continue to reflect on agricultural research.

WHEREAS, Recording Secretary John O. Gerald has been affiliated with the Western Association of Experiment Station Directors of the Association of State Universities and Land-Grant Colleges for five years; and

WHEREAS, Mr. Gerald has served with distinction the Committee on Regional Research and the Western Directors; and

WHEREAS, his proficiency has been demonstrated and well-recognized in connection with his contemporary roles as Secretary of the Western Agricultural Economics Research Council, and Secretary-Treasurer of the Western Farm Economics Association; and

WHEREAS, Mr. Gerald assumed the position of Leader, Transportation Economics Group, Marketing Economics Division, Economic Research Service, United States Department of Agriculture, on July 1, 1965;

THEREFORE, BE IT RESOLVED that we the Experiment Station Directors of the twelve Western States express our regrets at losing his services and wish to extend to him our sincere appreciation for the thought, interest, and efficiency he put forth for the Association. We wish him continued success and happiness in his new position.

WHEREAS, Dean and Associate Director Sidney H. Cameron of the University of California at Los Angeles has been an active member of the Western Association of Agricultural Experiment Station Directors of the Association of State Universities and Land-Grant Colleges for the past four years; and

WHEREAS, Director Cameron has retired from the University of California; and

WHEREAS, Director Cameron's contributions to agriculture in the Western Region and the Nation is well known, especially in the area of subtropical horticulture, and his participation in the deliberations of the Western Directors will be missed;

THEREFORE, BE IT RESOLVED that the Association of Western Directors express our regrets at losing his counsel and leadership and extend to him our sincere appreciation for his valuable service to the Association. We wish him success and happiness in his new assignment as Special Consultant to the Director of the Laboratory of Nuclear Medicine and Radiation Biology of the University of California at Los Angeles.

WHEREAS, Assistant Dean and Director James W. Oxley of the University of Wyoming has been a member of the Western Agricultural Experiment Station Directors of the Association of State Universities and Land-Grant Colleges for four years; and

WHEREAS, his leadership qualifications have been demonstrated and well-recognized in Wyoming and the Region; and

WHEREAS, Dr. Oxley assumed an assignment on July 1, 1965, in Afghanistan, as Chief of Party for the University of Wyoming;

THEREFORE, BE IT RESOLVED that we the Experiment Station Directors of the twelve Western States express our regrets at losing his counsel and leadership and extend to him our sincere appreciation for his valuable service to the Association. We wish him continued success and happiness in his new position.

WHEREAS, Acting Associate Director George Stanford has been a member of the Western Association of Experiment Station Directors of the Association of State Universities and Land-Grant Colleges for the past year; and

WHEREAS, his leadership qualifications have been demonstrated and well-recognized in Hawaii and the Region; and

WHEREAS, Dr. Stanford assumed a position in the Agricultural Research Service, U. S. Department of Agriculture on July 1, 1965;

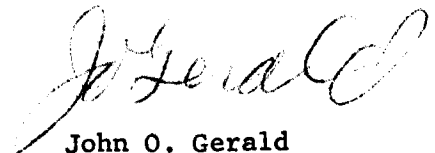
THEREFORE, BE IT RESOLVED that we the Experiment Station Directors of the twelve Western States express our regrets at losing his counsel and leadership and extend to him our sincere appreciation for his valuable service to the Association. We wish him continued success and happiness in his new position.

Asleson moved, Leyendecker seconded, that the Report of the Resolutions Committee be adopted and that copies of the appropriate resolutions be sent by the Secretary to the persons named. Passed.

Adjournment

The meeting adjourned.

Respectfully submitted,



John O. Gerald
Recording Secretary

Administrative Adviser Assignments, 1965-66

W-1	Beef Cattle Breeding	Meyer
W-6	New Plants	M. Wilson
W-24	Cotton Mechanization	Kelly
W-25	Rangeland Improvement	Hervey
W-27	Sheep Vibriosis	Pritchard
W-34	Range Livestock Nutrition	Hilston
W-35	Ruminant Parasites	Pritchard
W-37	Rangeland Grasshoppers	Linsley
W-38	Fungus Root Diseases	Hervey
W-40	Breeding Forage Plants	Ensign
W-41	Urinary Calculi	Pritchard
W-44	Cholesterol Metabolism	Hilston
W-45	Pesticide Residues	Hill
W-46	Stresses, Cattle and Sheep	Ely
W-48	Weather and Crops	Asleson
W-49	Cattle Breeding Failures	Hilston
W-50	Stresses and Performance - Hens	Meyer
W-51	Drainage Design	Frevert
W-52	Biochemistry, Herbicidal Action	Bohmont
W-54	Adjusting Farming	P. Wilson
W-56	Nematodes & Root Diseases	Asleson
W-57	Amino Acid Utilization	Hilston
W-58	Forage Crop Production	Ensign
W-61	Sheep Breeding	Ensign
W-64	Fruit Viruses	Kraus
W-65	Irrigation Hydraulics	Frevert
W-66	Soil Structures	Thorne
W-67	Soil-Plant-Water Relationships	Hill
W-68	Soil Moisture Movement	Asleson
W-71	Tree Seedling Establishment	Vaux
W-74	Leguminous Forage Insects	Linsley
W-77	Weed Control	Bohmont
W-78	Turkey Breeding	Meyer
W-79	Range Management Decisions	Leyendecker
W-80	Textiles	Bohmont
W-81	Water Transfer	Hervey
W-82	Water Quality	Thorne
W-83	Bean Breeding	Ensign
W-84	Biological Control	Linsley
W-85	Soil Nitrogen	Asleson
W-86	Rest and Hardiness, Fruit Trees	Hill
W-87	Clay Mineralogy	Asleson
W-88	Enteric Disease	Pritchard
W-	Two-Person Housing	Henderson

WM-26	Consumer Purchases	Alexander
WM-33	Meat Quality	Alexander
WM-35	Seed Marketing	Henderson
WM-38	Cooperatives	Alexander
WM-44	Promotion and Utilization	P. Wilson
WM-46	Milk Market Organization	Ely
WM-47	Fruit and Vegetable Marketing	Alexander
WM-48	Livestock Pricing	Buchanan
WM-49	Cotton Marketing	Leyendecker
WM-50	Lumber & Plywood Marketing	Henderson
WM-51	Sugar Marketing	Kelly
WM-52	Grain Insect Control	Henderson
WM-53	Advertising and Pricing, Retail	Hill
WM-54	Hay & Feed Grain Marketing	M. Wilson

Interregional and Central Research

IR-1	Solanum	Kraus
IR-2	Deciduous Tree Fruit Stocks	Kraus
IR-3	National Policies	P. Wilson
IR-4	Chemical Clearances	Boyce

Other

WSWRC	Frevert
WAERC	Buchanan
WHEAL	Bohmont
SSC	Buchanan
Wildlife and Recreation	Alexander
Reproductive Diseases	Pritchard
Halo Bean Blight	Ensign