MINUTES OF THE ELEVENTH MEETING OF THE
PHREATOPHYTE SUBCOMMITTEE
PACIFIC SOUTHWEST FEDERAL INTER-AGENCY TECHNICAL COMMITTEE

Held in Carson City, Nevada, June 16, 1953

The chairman called the meeting to order at 7:30 p.m., in the office of
T. W. Robinson in the Nevada State Office Building. Following were in attendance:

<table>
<thead>
<tr>
<th>Members</th>
<th>Agency</th>
<th>Place</th>
</tr>
</thead>
<tbody>
<tr>
<td>H. C. Fletcher, Chairman</td>
<td>Southwestern Forest &amp; Range</td>
<td>Tucson, Ariz...</td>
</tr>
<tr>
<td>T. W. Robinson, Secretary</td>
<td>Geological Survey</td>
<td>Carson City, Nev.</td>
</tr>
<tr>
<td>Harry F. Blaney</td>
<td>Soil Conservation Service</td>
<td>Los Angeles, Calif.</td>
</tr>
<tr>
<td>Henry J. Cremer</td>
<td>Corps of Engineers</td>
<td>Los Angeles, Calif.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Visitors</th>
<th>Agency</th>
<th>Place</th>
</tr>
</thead>
<tbody>
<tr>
<td>O. J. Loeltz</td>
<td>Geological Survey</td>
<td>Carson City, Nev.</td>
</tr>
<tr>
<td>F. F. Friend</td>
<td>Corps of Engineers</td>
<td>Los Angeles, Calif.</td>
</tr>
</tbody>
</table>

The minutes of the tenth meeting, held at the time of the joint meeting
with the Salt Cedar Action Committee of New Mexico, were read and approved.

The replies to Elmer D. Hershey's letter of June 11, 1952, were reviewed
and it was decided that the questions raised in that letter had been adequately
answered. This was confirmed by the chairman, who had talked with Mr. Hershey's
office a short time before the meeting.

Item 1. Activities and interests review

The Geological Survey and the Soil Conservation Service reviewed their
original statements of activities and interests and decided to revise these
original statements. The revisions will be presented at the next meeting of
the subcommittee.

Item 2. Replacement for Mr. McDonald, Bureau of Reclamation

The chairman will recommend to the parent committee that they appoint
a permanent member to the subcommittee to replace Mr. H. R. McDonald. Ac­
cording to a letter from Mr. Riter, as noted in item 7 of the minutes of the
tenth meeting, Mr. McDonald will be unable to continue as a member of the
subcommittee. The chairman informed the subcommittee he had written to
Mr. Burge, the Department of Interior representative on the parent committee,
concerning a replacement but had received no reply (this was due to Mr. Burge
being replaced by Mr. E. O. Larsen as a member of the parent committee). The subcommittee felt that the Bureau of Reclamation should be represented, and requested the parent committee to make a replacement.

Item 3. Frequency of meetings

The frequency of meetings was discussed and it was the consensus of opinion that the semiannual meetings, which had been tried for a year and a half, were not satisfactory. It was generally agreed to return to the quarterly meetings, and the chairman was instructed to inform the parent committee to this effect. It was suggested that the members who are unable to attend meetings should arrange for a representative of their agency to represent them. Some of the subcommittee members find that they do not have sufficient travel funds to attend meetings at considerable distances from their headquarters.

Item 4. Effect of elimination of phreatophytes

Mr. Blaney suggested that studies should be made and data assembled on the use of water in areas where phreatophytes have been eliminated. The thought here was to find out if there has been an actual salvage of water by putting it to higher beneficial use in such cases. Mr. Blaney suggested that the stream above Prado Dam in California might offer information of this type and he agreed to assemble such data on the subject as is available in his agency.

Item 5. Phreatophyte paper

The revision of the paper started by Mr. Turner and being completed by Mr. Robinson is progressing. Mr. Robinson reported that the checking of plant names is over 50 percent complete and the rough draft of the manuscript is over 80 percent complete. It is expected that this should be available to the subcommittee members at the next meeting.

Item 6. Papers to be presented at the meeting of the Association of Western Engineers

The State Engineer of Nevada, Mr. H. A. Shamberger, is host for the annual meeting of the Association of Western State Engineers, which will be held in Reno, Nevada, in August of this year. He has extended an invitation to Mr. Blaney and to Mr. Robinson to participate in a symposium on ground water as part of the program. The invitation has been accepted and each will give a paper dealing with the phreatophyte problem and its effect on ground water.

Item 7. Photographic file

Mr. Fletcher suggested that a start be made on building up a library of pictures dealing with phreatophytes. There have been, from time to time, requests for pictures of this kind. Mr. Blaney was of the opinion that the Bureau of Reclamation probably had many pictures of phreatophytes in their files that could be obtained or duplicated. Mr. Friend noted that the Corps has two sets of aerial pictures covering the Gila and Salt River Valleys taken 10 years apart, 1943 and 1953. These sets of aerial photographs will be valuable in assessing changes in phreatophyte cover for these areas.
Item 8. Ecological studies of salt cedar

The chairman referred to J. P. Sinclair’s letter of September 16, 1952, to Mr. Blaney (item 7, eighth meeting) in which it was suggested that the subcommittee include in their program an ecological study of salt cedar in its original habitat. It was agreed that this was a desirable study but that the subcommittee was not in a position to carry it forward and that the subcommittee contact the California Forest and Range Experiment Station to see if they could not put more emphasis on such a study. It was brought out in discussion that this would probably be contingent upon available funds.

Item 9. Next meeting

The time and place of the next meeting will be that of the parent committee, of which the subcommittee was not yet informed, but it was assumed to be at Granby, Colorado.

The meeting was adjourned at 10 p.m.

Respectfully submitted,

T. W. ROBINSON, Secretary
Phreatophyte Subcommittee
Pacific Southwest Federal Inter-Agency Technical Committee