

FORESTRY AND RELATED NATURAL RESOURCES
MULTIDISCIPLINARY GROUP MEETING

June 1, 1983. Gilmore 212, Manoa Campus.

MINUTES

Present: H. Baker (CTAHR), J. Beardsley (CTAHR), E. Conrad (USFS),
C. Hodges (USFS), R. Merriam (DOFAW-DLNR), E. Petteys (DOFAW-DLNR),
A. Samuelson (Bishop Museum), R. Skolmen (USFS), M. Tamashiro (CTAHR),
I. Morison (CTAHR) Convenor.

Morison welcomed the members, provided background on the industry analysis process with special reference to the analysis of Forestry and Related Natural Resources and explained the current status of that analysis. Also described the role of multidisciplinary groups with special reference to this group.

Each member present provided a presentation of the work they were involved in and identified which of the 17 elements of the analysis it related to. Dr. Ikawa submitted a written statement.

It was determined that the elements listed below in priority order (as set out in the Action Plan) were being addressed by those listed.

1. Forest Weed Control (VIII) - Beardsley, Hodges
2. Forest Watershed Protection and Management (XIV) - Merriam, Skolmen
3. Forest Animal Damage Control (IX) - None
4. Multiresource Inventory and Appraisal (I) - Baker, Petteys
5. Forest Fire Control (V) - None
6. Native Ecosystems (X) - Samuelson, Conrad, Petteys
7. Soil, Plant, Water and Nutrient Relationships (XV) - Ikawa, Conrad
8. Biology, Culture and Management (II) - Merriam, Skolmen
9. Forest Recreation (XVII) - None
10. Economics of Timber Production (IV) - Baker, Merriam
11. Harvesting of Forest Products (XI) - Merriam
12. Economics and Marketing of Wood Products (XIII) - Baker
13. Genetics and Breeding of Forest Trees (III) - Skolmen
14. Forest Wildlife and Fisheries Habitat (XVI) - None
15. Wood Properties, Processing and Protection (XII) - Tamashiro, Skolmen
16. Forest Disease Control (VII) - Hodges, Samuelson
17. Forest Insect Control (VI) - Beardsley, Hodges, Samuelson

It was evident that the group should be expanded in order to conduct a complete review of work underway in all 17 areas. Accordingly, the following names were suggested to cover the segments as listed above.

1. (VIII) - C. Yasuda (DOA), V. Tanimoto (DOFAW-DLNR)
2. (XIV) - P Ekern (CTAHR)
3. (IX) - W. Gagne (Bishop Museum), R. Walker (DOFAW-DLNR)
4. (I) - D. Mueller-Dombois (UHM-Botany Dept)
5. (V) - W. Sager (DOFAW-DLNR)
6. (X) - D. Mueller-Dombois, C. Smith (UHM-NPS), F. Howarth and W. Gagne (Bishop Museum)
7. (XV) - C. Whitesell (USFS), H. Sato (SCS), D. Mueller-Dombois, S. El-Swaify, J. Brewbaker, P. Ekern (CTAHR)
8. (II) - T. Crabbe (C. Brewer), J. Brewbaker (CTAHR)
9. (XVII) - L. Gill (Sierra Club), R. Daehler (DOFAW-Kauai)
10. (IV) - Adequate
11. (XI) - T. Crabbe, C. Whitesell
12. (XIII) - R. Clayton (USFS)
13. (III) - J. Brewbaker, C. Whitesell
14. (XVI) - R. Walker and S. Shima (DOFAW-DLNR)
15. (XII) - Adequate
16. (VII) - Adequate
17. (VI) - Adequate

It was resolved to invite those listed above to membership in the group. (Brewbaker, Ekern, El-Swaify, Mueller-Dombois, Clayton, Sato, Smith, Whitesell were invited members but were unable to attend this meeting)

The question of priority ranking of the 17 elements was discussed. There was a general consensus of opinion that from the Group's perspective the following changes should be made in priority ranking.

1. In Priority 15 (XII) (Wood Properties, Processing and Protection) "Protection" should be made a separate element and placed somewhere in the first 5 priorities. Protection in this state largely deals with the problem of termites in structures which is perceived by all to be a serious problem requiring large resources for research and extension.
2. Priority 2 (Forest Watershed Protection and Management) should have a lower priority (perhaps 10th) as this is not perceived to be a major area of concern while current practices are in effect.

3. Some consideration should be given to include "Reforestation" and "Afforestation" as separate elements with medium-high priority.

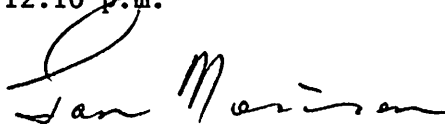
The need for a Forestry and Related Natural Resources Extension program was discussed. Morison described the status of the Renewable Resources Extension Act as it affects this State. Last year the College received \$20,000 under this Act for forestry extension and a program was developed. No further funds will be available until the Congressional Appropriation of \$2 million is raised. However, all signals are that it will be progressively raised to the \$16 million mark as provided under the Act. We should, therefore, be defining extension needs now in order to direct these funds to the areas of greatest need.

The following areas were suggested for extension programs.

1. Christmas tree production (other than Norfolk Island Pine)
2. Appropriate tree and shrub species for windbreaks (particularly on Molokai).
3. Production of tree seed (particularly P. Caribbea)
4. Urban entomology (particularly related to termites)

Morison stated that Dr. Boyd Post of CSRS-USDA, Washington, D.C. would probably be calling the next meeting.

The meeting was adjourned at 12:10 p.m.



Ian G. Morison
Convenor