

Subject material for course in systematics + ecology.

1. Analysis of national parks, nat. monuments, wilderness areas, rivers, natural areas etc. (visit one, or representative areas)

Geology

Climate

Fauna

Flora

Archaeology

Ecological problems

Policies, values.

Conservation problems

management

man relationships + contact

2. Recreational areas.

Planning villages

Engineering problems

trails

roads

Camping areas

picnic areas

boating

fishing

museums

wildlife

research.

sewage

sanitation

3. Techniques

sailing

canoeing

boating, speed, water skiing

hiking - skiing

scuba diving

Camping

horse back packing

fishing - hunting

(sail full length ^{+ comp} Little, canoe, on

How to Perry, hike, Perry, horse pack
to Pomona - Clinton, fish + boat at
Clinton etc)

4. Biological stations

Research in field

scientific collecting

housing of specimens

relationship with public

educational program

Such a course could be a lecture - laboratory - field course with emphasis on actual field contacts. National Parks etc. could be examined on a representative basis, and visitation to one type or representative types. Recreational areas could best be studied as they are being constructed. Techniques are best developed in the field by practical experience. Biological Stations in recreational areas should assume the responsibility of educating the public and presenting opportunities for their participation in the actual research. Scientific procedures can be demonstrated at Biological Stations.