

Native Plants and Wildflowers Study Guide for Final

21- Ethnobotany

Provide a description of ethnobotany.

Explain why some plant used in medicine (traditional and modern medicine) and other plants are not?

Where does aspirin come from?

22 Uses of California Native Plants

Provide an example of a fishing plant used by native Californians. Describe how plants could be used to catch fish.

Provide two different examples of uses of plant fibers.

Explain why acorns cannot be eaten directly from the tree, like hazelnuts. Describe how acorns were prepared for consumption.

23 Rarity and Endemism

1.1. What percentage of California's plant species are endemic to the state?

1.2. Explain the difference between neoendemics and paleoendemics and provide named examples of each.

Explain the difference between an endangered species and a threatened species. Provide examples of each.

Which organization publishes an Inventory of Rare and Endangered plants of California?

Describe each of the (5) lists used by the Rare Plant Inventory to categorize the different levels of rarity.

24- Introduced Species

How many introduced plant species currently occur in California?

Explain the difference between extirpation and extinction.

Provide an explanation as to why some introduced plants are able to establish and grow in California so well that they out-compete native species.

Compare and contrast introduced species and invasive species.

25- Conservation

Discuss the difference between conservation and preservation in terms of their objectives.

Edgewood County Park and Preserve was established to protect which two species?
Discuss the reasons why these species were in need of protection. (consider information discussed in the previous 3 lectures)

List and briefly describe five different techniques used to control invasive species.

What are the objectives of Habitat restoration? Describe the steps that were followed to restore the natural habitats (2) at Mori Point.

Save San Francisco Bay have a six point list that needs to be followed to successfully achieve the goals of any conservation project. Name and describe five of the points, listing them in the correct order.

28 Redwoods

Describe the geographical range of the Coast Redwood. What abiotic factors limit the range of the Coast Redwood?

What species of tree is regarded as being the second tallest species of tree in the world?

How tall are the tallest trees in the world?

29 Scrub

Describe the geographical range and the vegetation typical of northern coastal scrub. Name three species typical of the flora of northern coastal scrub.

Discuss the similarities of the vegetation of Northern Coastal Scrub and Coastal Sage Scrub and the differences in the floras of the two communities.

30 Chaparral

6.28. Describe the adaptations of chaparral plants to their physical environment.

What is allelopathy and provide an example of a chaparral plant that exhibits this adaptation.

6.29. What is the origin of the word chaparral?

6.30. Name and describe 5 species characteristic of the chaparral flora.

