Visual Aids

California Education and the Environment Initiative

B

Biology Standard B.6.b.

Ecosystem Change in California

California Education and the Environment Initiative

Approved by the California State Board of Education, 2010

The Education and the Environment Initiative Curriculum is a cooperative endeavor of the following entities:

California Environmental Protection Agency

California Natural Resources Agency

California State Board of Education

California Department of Education

Department of Resources Recycling and Recovery (CalRecycle)

Key Partners:

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None required for this lesson.

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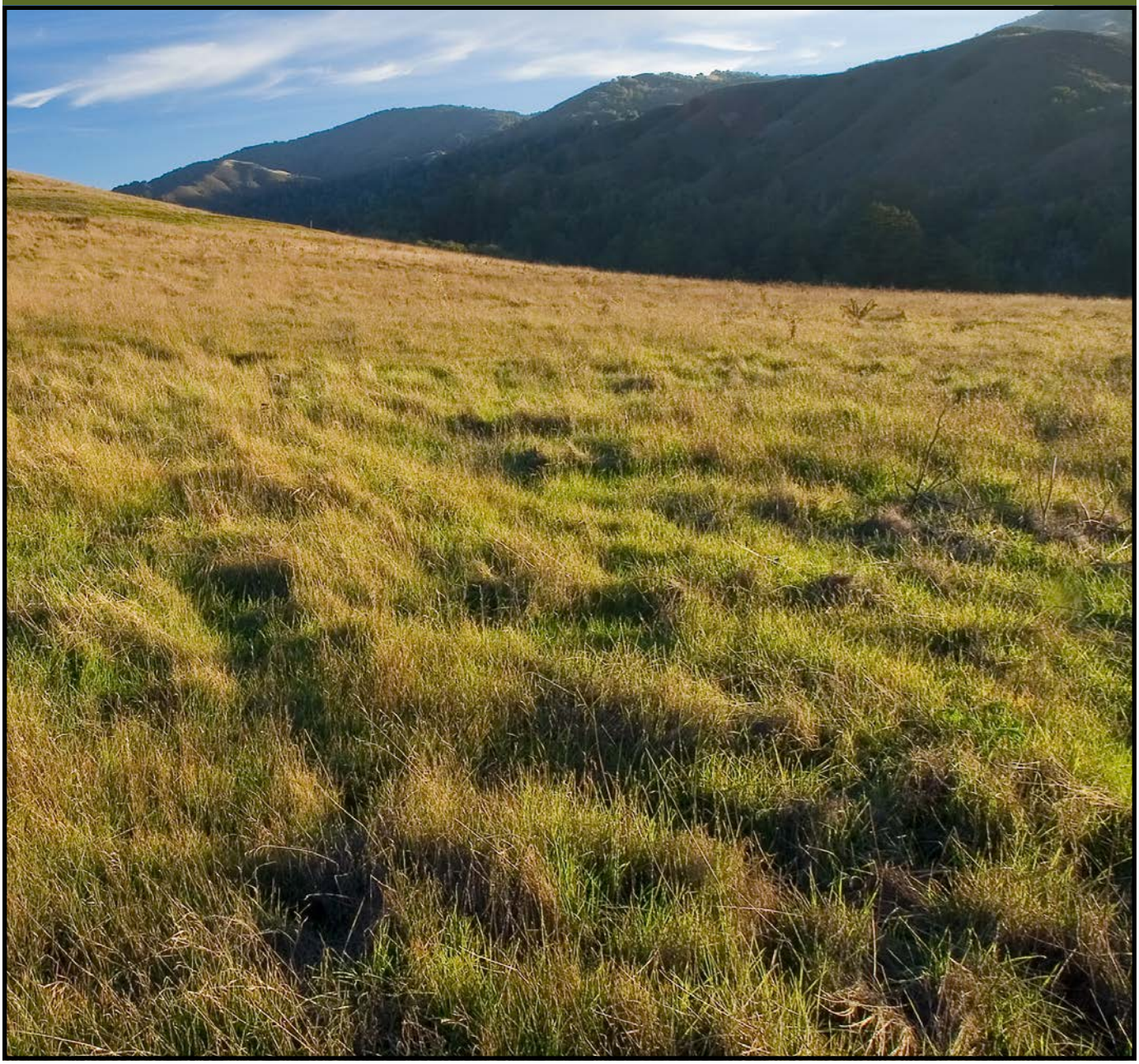
VA #1 Native Grassland Invaded by Nonnative Grasses



VA #2 California Grassland

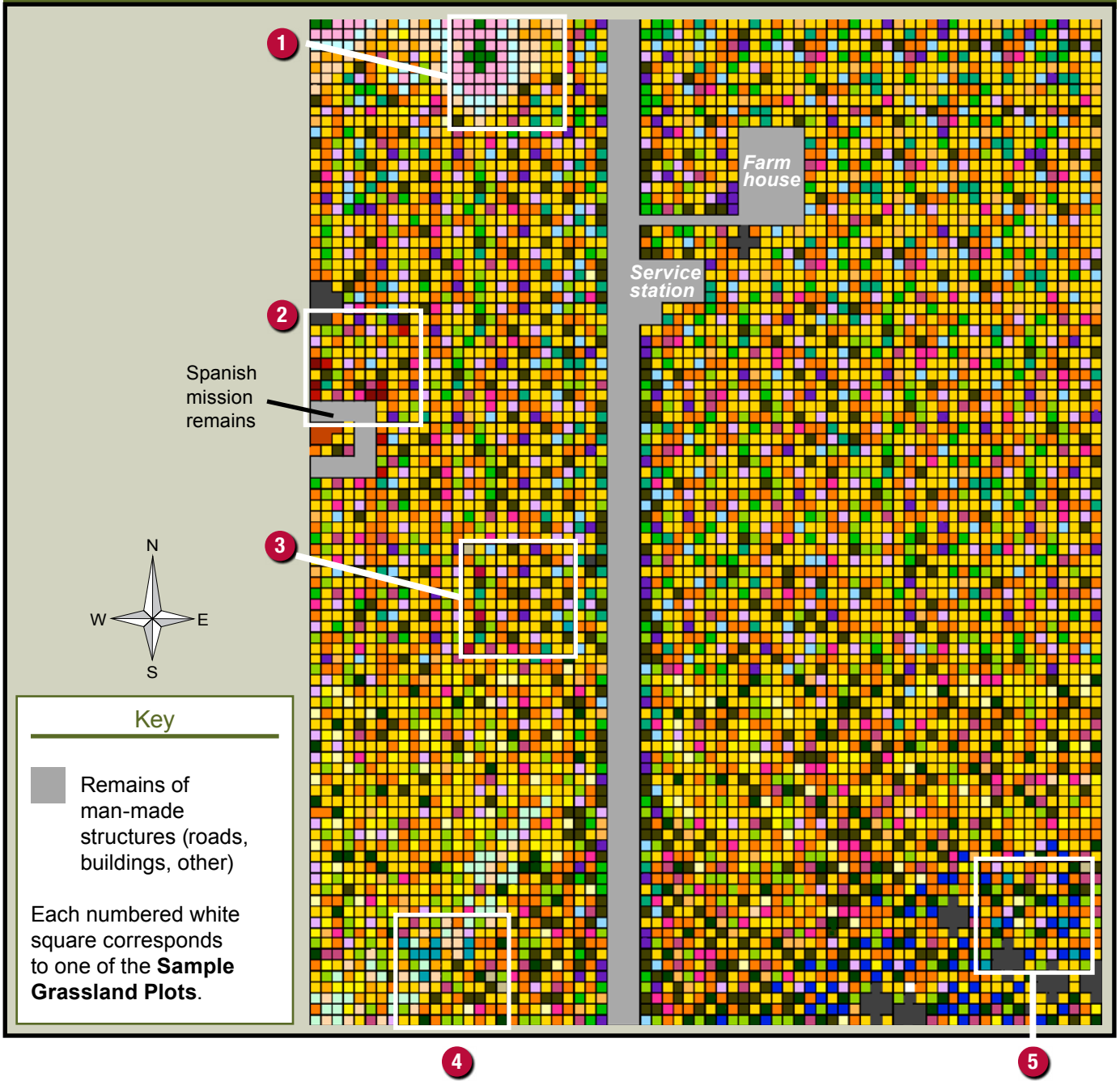
VA #3 Ecological Succession 1

VA #4 Ecological Succession 2

VA #5 Ecological Succession 3

VA #6 Ecological Succession 4

VA #7 Rancho Grassland Study Site

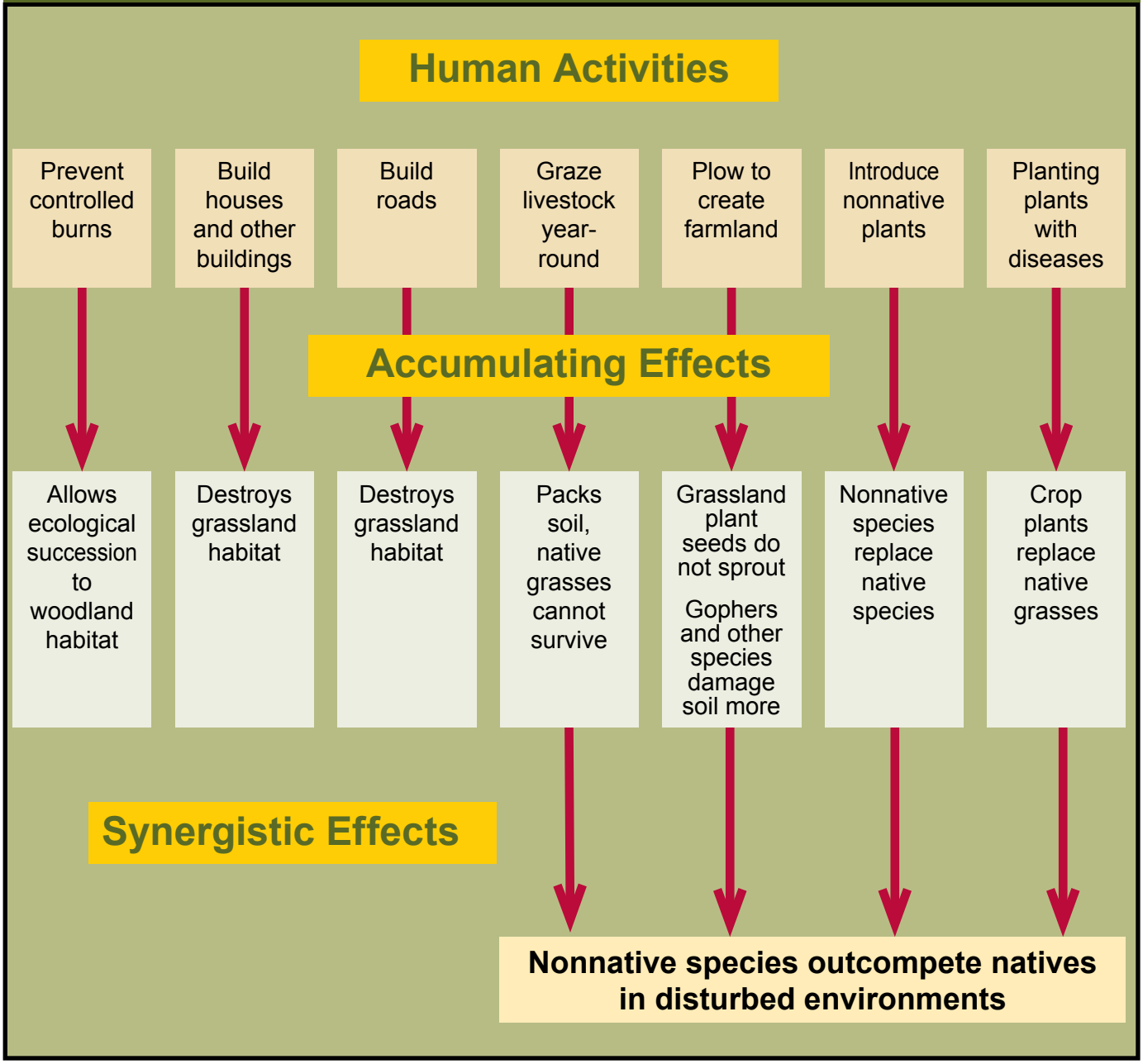


VA #8 Tree Rings

VA #9 Undisturbed Area in San Ramon Valley

VA #10 San Ramon Valley After Development

VA #11 Cumulative and Synergistic Effects on Grasslands



VA #12 Ecosystem Management

Ecosystem management: Actions and decisions of individuals, organizations, and government entities related to maintaining ecosystems, and providing ecosystem goods and ecosystem services for current and future generations.

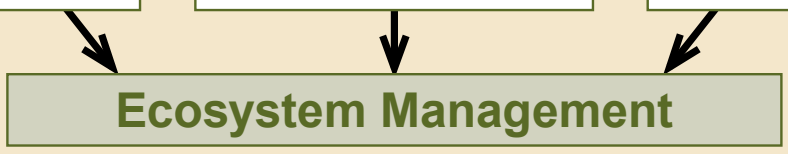
Part 1

Instructions: Several different roles are involved in making decisions about ecosystem management. Identify at least three types of people or agencies within each category who make decisions about ecosystem management.

Decision makers:
decide what the objectives are

Analysts:
predict the consequences of different management strategies

Stakeholders:
have interest in the objectives, but do not have ownership or authority to make decisions



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