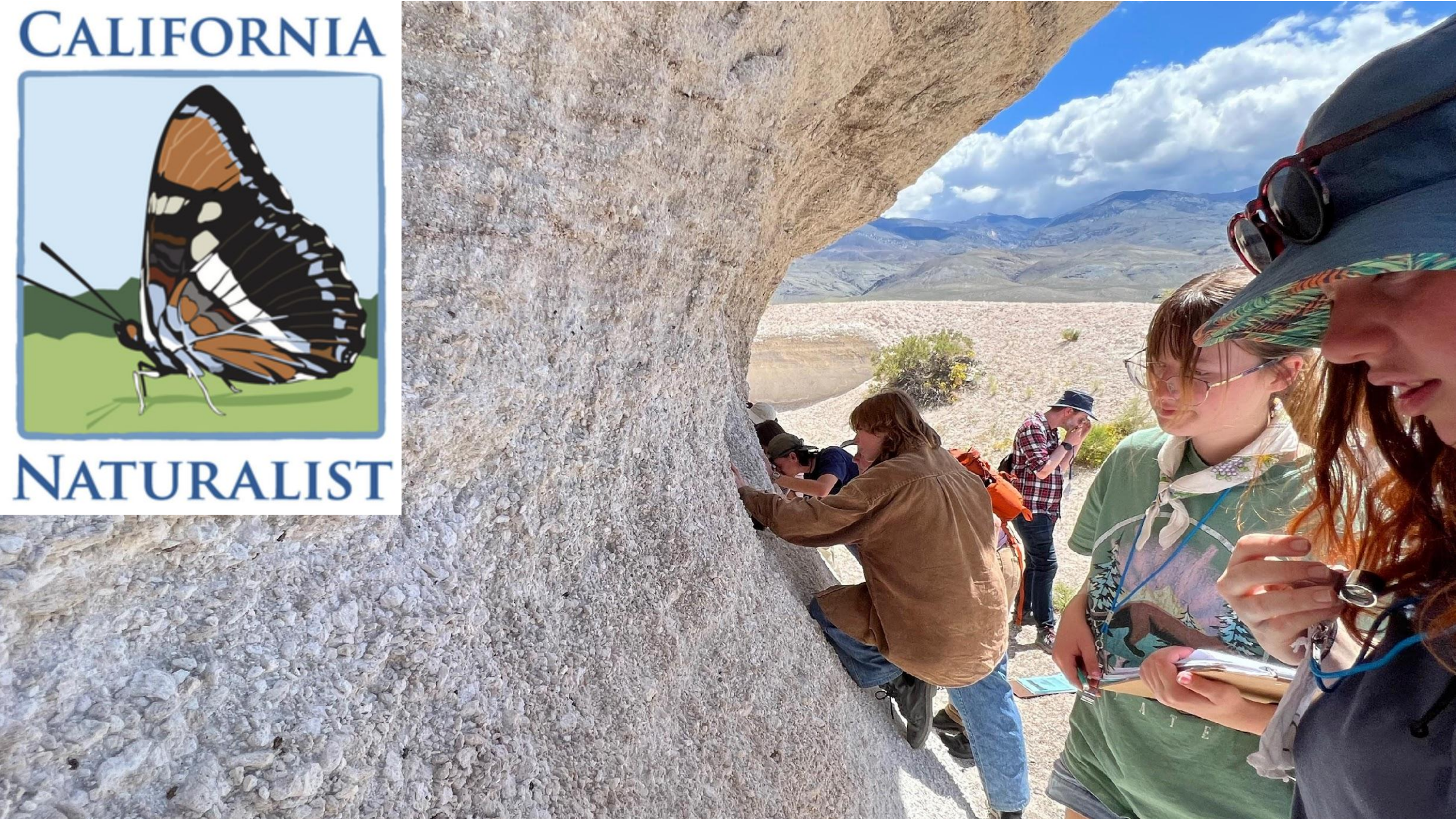


CALIFORNIA



NATURALIST





UC Environmental Stewards

UNIVERSITY OF CALIFORNIA
Agriculture and Natural Resources

California Naturalist Program

CALIFORNIA



CLIMATE



NATURALIST STEWARDS

The mission of UC Environmental Stewards is to foster a diverse community of stewards building toward sustainability and resilience in California's communities and ecosystems through education and service.

What is a Naturalist?

A person who observes, studies, and interprets the natural world.

- The UC California Naturalist program promotes environmental literacy and stewardship through discovery and action.
- The program includes hands-on instruction and exposure to real-world environmental projects designed to inspire students to become active citizen scientists and enhance their personal connection with the natural world.
- Tools for collaborative conservation, problem solving, and communication.



PROGRAM GOALS

- To develop a stronger constituency for nature by working with institutions that provide science-based environmental education to engage a corps of committed volunteer naturalists and citizen scientists.
- An engaged community of naturalists is essential to natural resource conservation education, and restoration throughout California.
- A constituency for nature is important for all living creatures, including the next generation of Californians.



Provides students with the skills and opportunities to develop a relationship with nature:

- Reduces climate anxiety
- Promotes environmental conservation, protection, and stewardship
- Inspires careers in the sciences
- Helps to develop of community of practice towards a more sustainable future
- Promotes volunteer contributions in the community.



Some Benefits to Grossmont College

- Curriculum, instructional aides, and training for instructors
- Promotional materials, including promoting our course on the UC Environmental Stewards website and network.
- Informational website and on-line volunteer tracking tools
- Stewardship service projects to support organizational goals
- Evaluation tools
- Assistance promoting adult education and training events
- Contributes to the development of life-long learners and a community of practice to protect and sustain our local environment.
- Increased new enrollment in the CalNat course and other related courses at your institution.

Course Requirements for Certification

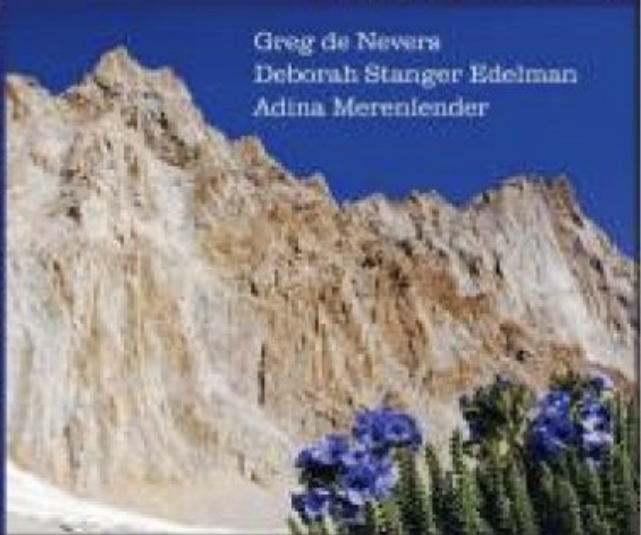
- At least 40 hours of instruction on co-designed curriculum to include in-field learning opportunities with nature journaling.
- Participate in a participatory science project
- Add at least 10 observations to the course iNaturalist project
- Read “*The California Naturalist Handbook*”



The California Naturalist Handbook



Greg de Nevers
Deborah Stanger Edelman
Adina Merenlender



Science-Based Approach to California's Natural History

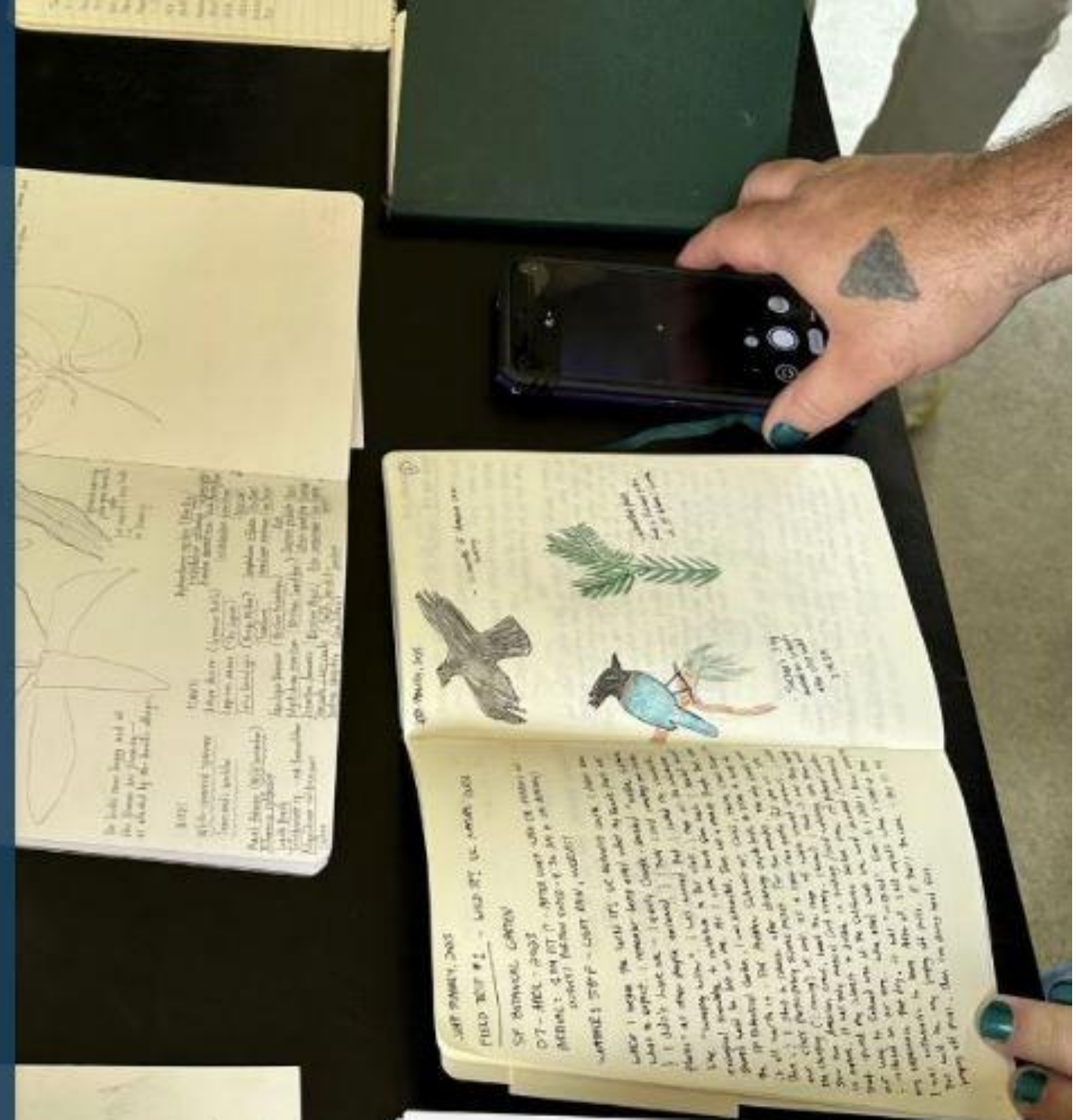
Lays the foundation for skills that naturalists use to address today's environmental issues.

- Chapter 1: California Natural History and the Role of Naturalists
- Chapter 2: Geology, Climate, and Soils
- Chapter 3: Water
- Chapter 4: Plants
- Chapter 5: Forest, Woodland, & Range Resources and Management
- Chapter 6: Animals
- Chapter 7: Energy and Global Environmental Issues
- Chapter 8: Interpretation, Collaboration, and Citizen Science (now "Participatory Science")

Course Requirements for Certification

- Complete a Stewardship Project (8 hrs) in one of the following categories:
 - Community Resilience and Adaptation
 - Environmental and Climate Justice
 - Conservation and Restoration
 - Education and Interpretation
 - Participatory Science
 - Program Support
- Stewardship Project to be presented at the end of the course with a 5-minute presentation. The presentation format could include:
 - Oral Presentation
 - Recorded video or audio
 - Artwork
 - Essay (750-word)

Another unique element of the California Naturalist course is that course participants must keep a field notebook for nature journaling. Nature journaling is an important tool for naturalists to observe nature more closely and connect with nature on a personal level. Participants should create nature journal entries for all field trips, at a minimum, and preferably more entries through the course.



THE BASICS

WORDS

Describe, make observations, ask questions, write poetry

PICTURES

Sketch pictures, maps, diagrams, cross sections, comics, different views

NUMBERS

Measure, count, estimate how many or how far, time a process



I NOTICE ...

Be specific. What do you see? Hear? Feel? Observe?

I WONDER ...

Get curious and write down questions: who, what, where, when, how, why?

IT REMINDS ME OF...

Connect your observations to things you already know.

UC/Grossmont Collaboration Agreement

- Organization specializing in the field of natural history education, workforce development, community engagement, climate change communication & education, or other aligned field.
- Experience delivering educational programs to the public through a qualified instructor, institution & facility.
- Instructor participates in training to become a UC-Certified CalNat Instructor.
- Collect certification fee from participants and remit payment back to the UC.
 - Regular certification fee per student: \$110, reduced fee for full-time students: \$55
- Develop a complete syllabus containing all course requirements. Provide course to students. Instructor verifies successful completion and inputs results into UC Portal.
- Discounted handbook price through UC Press: \$24.50

Other Community College Partners

- American River College
- Cuesta College
- Palomar College
- Pasadena City College
- City College of San Francisco
- West Valley College
- Lake Tahoe Community College
- College of the Redwoods

[UC Website with Course Listing](#)



CALIFORNIA



NATURALIST