

2022 Chaparral Naturalist Class Schedule

<p>Pre-Study – Philosophy of Nature Reading</p> <ol style="list-style-type: none"> 1. Chaparral: Pure California - Halsey 2. The Biophilia Effect - Williams 3. Call of the Wild - Gibson 4. The Conscience of the Conqueror - Abbey 5. The Healing Wound - Stevens 	<p>March 12 – Evolution/Ecology: How does evolution shape the chaparral’s ecology?</p> <ol style="list-style-type: none"> 34. Evolutionary Journey 35. Competition and Niches 36. Speciation 37. Populations and Changes 38. Human Ecology 39. Climate Change <p><i>Sp Topic: Timeline</i></p>
<p>Feb 5 – Welcome to Nature! (CCI HQ)</p> <ol style="list-style-type: none"> 1. What’s Chaparral? 2. Our Mediterranean Climate 3. Chaparral Geography 4. Chaparral vs. Sage Scrub 5. Chaparral Plant Communities 6. Chaparral’s Relationship to Fire <p style="text-align: center;">(NO CLASS next Sat, Feb 12)</p>	<p>March 19 – Fire: Infrequent, high-intensity, and large</p> <ol style="list-style-type: none"> 18. Fire Basics 19. Shrubs and Fire 20. Wildflowers and Fire 21. High Fire Frequency Impacts 22. Fire Truths I: Big Fires 23. Fire Truth II: Ecology <p><i>Sp Topic: Plant responses to fire</i></p>
<p>Feb 19 – Geology: Know and love 20 chaparral rocks and minerals</p> <ol style="list-style-type: none"> 7. Watershed Literacy 8. Tectonic History of California 9. Igneous Rocks 10. Changing Rocks 11. Soils and Manzanitas <p><i>Sp Topic: CA Watersheds</i></p>	<p>March 26 – Thinking Clearly (CCI HQ)</p> <ol style="list-style-type: none"> 24. Obstacles to Clear Thinking 25. Nexus Causality 26. Crash Course Statistics 27. The Shadow 28. Cognitive Dissonance <p><i>Sp Topic: Dirt Myths/Communicating Preservation</i></p>
<p>Feb 26 – Plants: Know and love 20 chaparral plant species</p> <ol style="list-style-type: none"> 12. Classification and Leaving Water Behind 13. Leaves and Forms 14. Flower Form and Structure 15. Plant Sex 16. Drought Strategies 17. Non-natives and Invasives <p><i>Sp Topic: Sunflowers/Plant Families</i></p>	<p>April 2 – Ecology Field Trip</p> <ul style="list-style-type: none"> - The great Ballena River - Viejas overlook/fire and plutons - Guatay old growth chaparral - Redshanks chaparral - Montane chaparral/Sunrise Highway geology - A fine Mediterranean dinner - Graduation
<p>March 5 – Animals: Know and love 20 chaparral animal species</p> <ol style="list-style-type: none"> 29. Committed: The Wrentit 30. Tenacious – CA Red Harvester Ants 31. Protective – CA Grizzly Bear 32. Auspicious – Rattlesnake 33. Persistent: Steelhead Trout <p><i>Sp Topic: Classification Tree</i></p>	<p>June TBA – Camp Howl Celebration</p> <ul style="list-style-type: none"> - A fine Mediterranean dinner - Chaparral workshops (by former and new grads) - Exploring local chaparral habitats - Yet another fine Mediterranean dinner