



Development of the Nature Co-Lab: Sustainable design for mixed use purposes

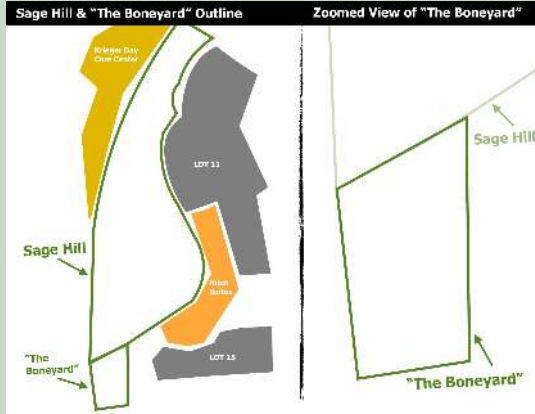
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Stakeholder: Cully Nordby



Sage Hill & The Boneyard



Sage Hill:

- **4 acre plot** in the northwest corner of the UCLA campus hosting the **only California native habitat in West LA** south of Sunset Blvd
- students & faculty have been using this space for **research & conservation**

The "Boneyard"

- **vacant lot** in the southwest corner of Sage Hill
- previously used as a **storage space** for past construction projects

Our Goal

Formalize the ‘Boneyard’ into a multi-purpose space: “Nature Co Lab” for research, restoration, and recreation to complement the native California habitat of Sage Hill.

How to create an informed plan for the redevelopment of ‘the Boneyard’ into a mixed use space?

Objectives:

Research best practices for the development and management of a native reserve.

Collaborate with the UCLA community and administration to construct a shared vision for redevelopment.

Methods

On-Campus Surveying:

- Future programs at the CoLab
- Features needed to support these programs
- Design an informed rendering for the Nature CoLab using responses

Best Practices Assessment:

- Interview other universities that maintained similar mixed-use and outdoor spaces
- Interview focused on: History, management, rules, challenges, and accomplishments
- Combined results into a mini-report

Create a Final Report

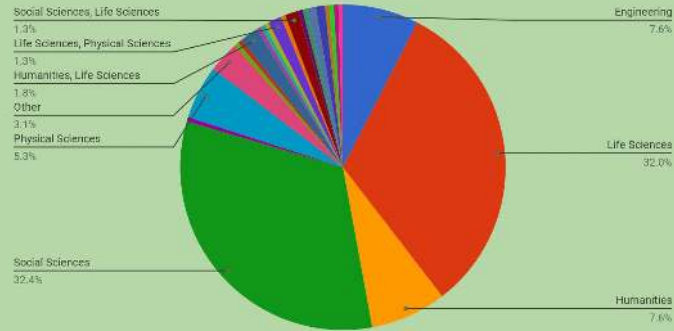
- Develop comprehensive report for Sage Hill Task Force
- Incorporate suggestions from outreach interviews



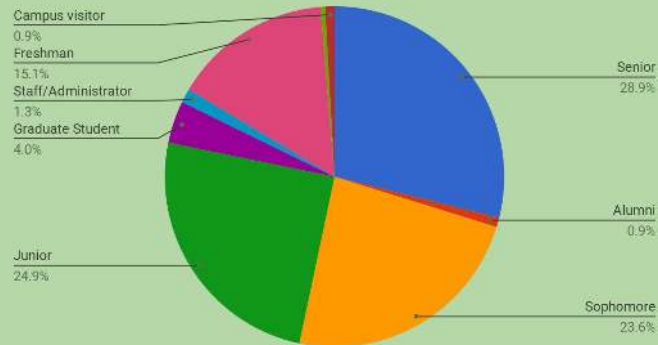
On-Campus Survey Results

UCLA Demographics

What school or division are you affiliated with?

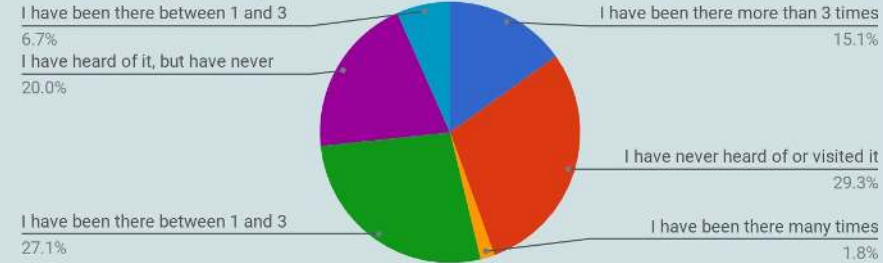


What best describes your affiliation with UCLA?

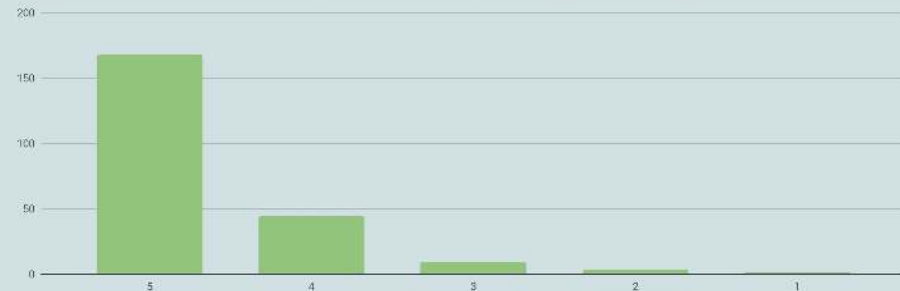


Perspective on Sage Hill

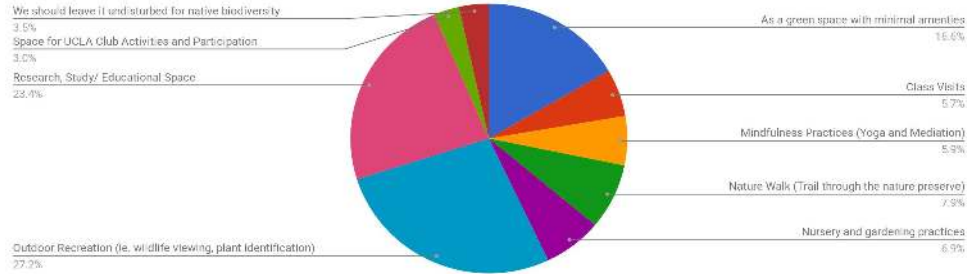
Count of What is your experience with Sage Hill:



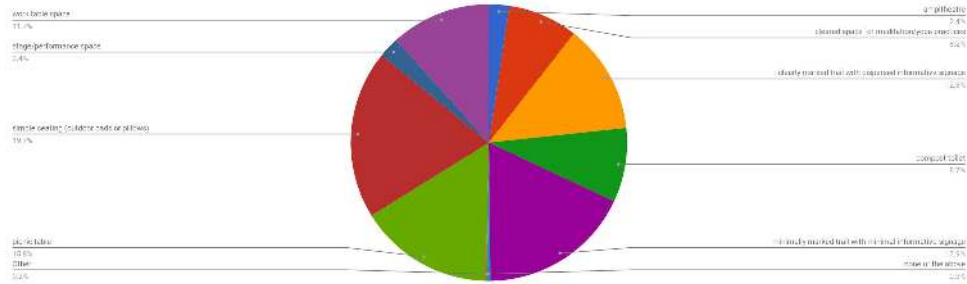
On a scale between 1 - 5 how important is it that UCLA has a natural area on campus that supports native California ecosystems? (1 being not important, 5 being very important)



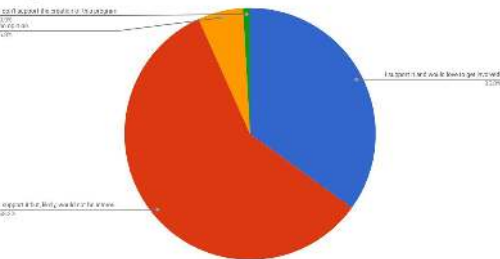
How would you like to see the CoLab space be used?



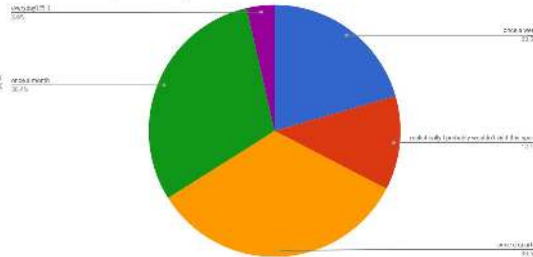
What features would you like to see included in the Nature CoLab?



Do you support the creation of a student position as a Sage Hill Ranger?



Count of If Sage Hill is redesigned as a mixed use space, how often would you anticipate visiting:



On Campus Surveying Results

Programming & Activities

- Outdoor classroom and education space
- Study and meeting space for students and student groups
- Support recreation in Sage Hill area
- Enjoy as a natural space

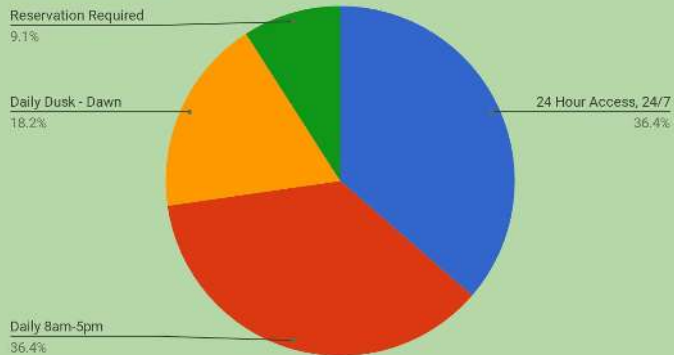
Features

- Work + picnic tables
- Simple seating
- Cleared Space
- Compost Toilet

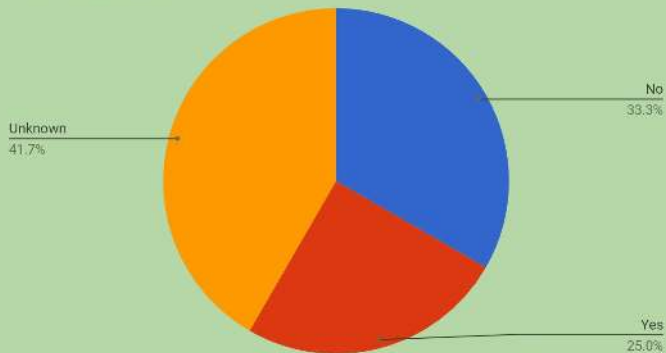
Best Practices Results

General Information

Accessible Hours

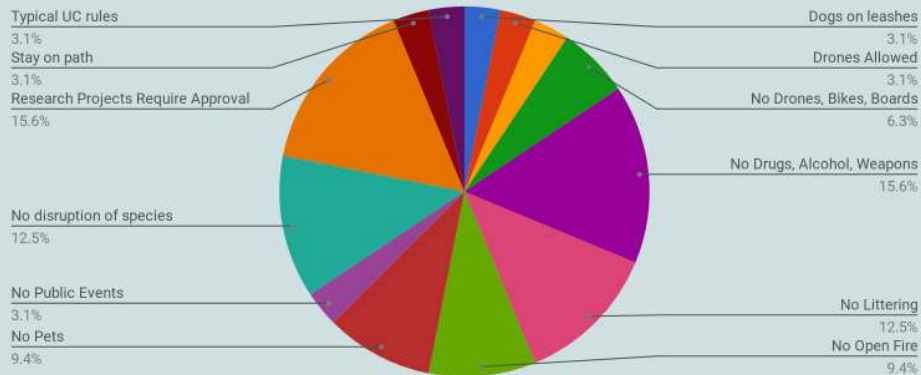


ADA Accessible

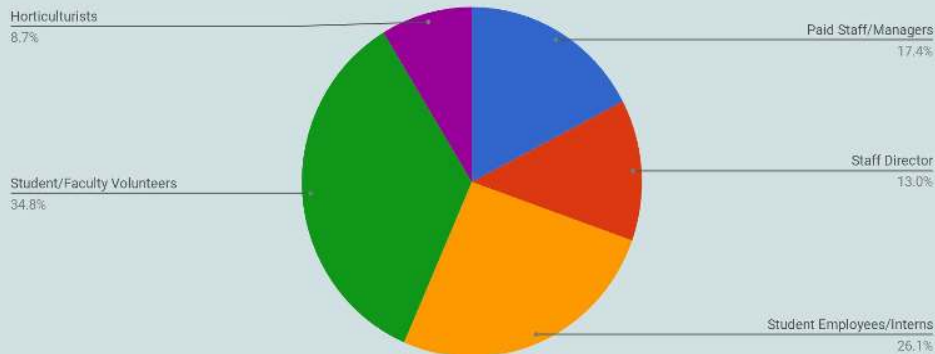


Rules & Maintenance

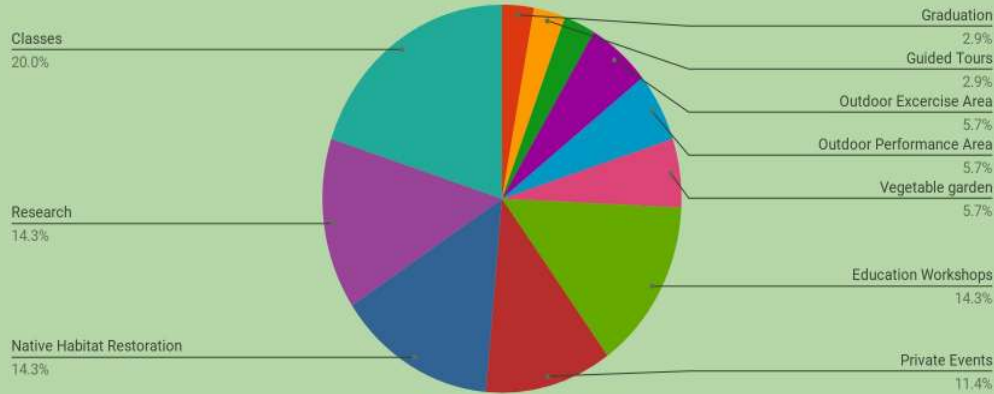
Rules



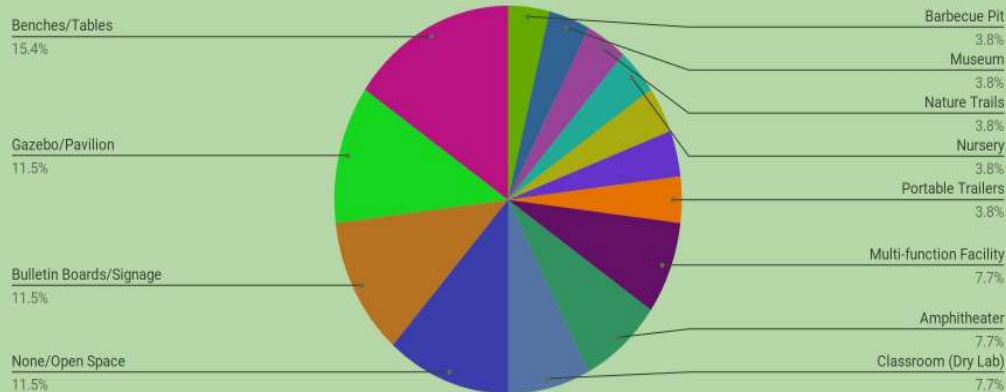
Who maintains the area?



Programming



Facilities Provided at Different Sites



Best Practices Results

Most Common Programing

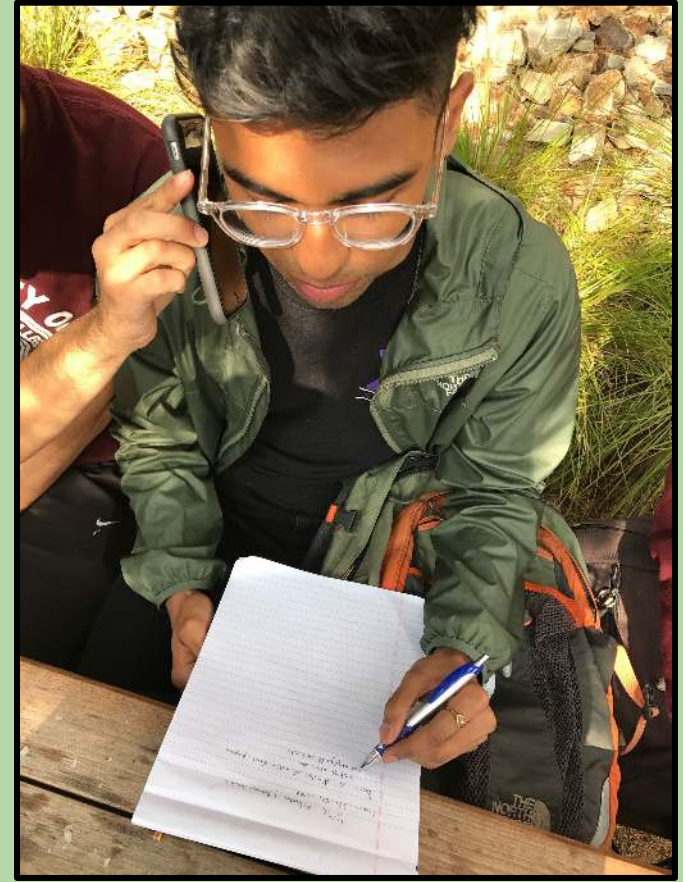
- Research
- Classes
- Native Habitat Restoration
- Vegetable Gardening
- Education Workshops
- Private Events

Most Common Facilities Provided

- Signage
- Amphitheater
- Benches
- Gazebo

Barriers & Challenges

- Establishing **communication with Non-UCLA officials**
- **Boundary dispute** with UCLA Capital Programs
- **Time sensitivity** due to changing administrative personnel
- **Difficulty recruiting architecture student** for rendering



“The Boneyard”



..... Moving Forward

- **Present Final Report** to the **UCLA Residential Life**
- **Deliver Final Report** to the **Sage Hill Task Force**
- **Finalize for Approval**
- **Future Maintenance:**
 - Faculty Chair**
 - Head of programming and oversight
 - Paid Student Position** (work study and part time)
 - Oversee daily maintenance, fundraising, events, and programming
 - Sage Hill Ranger** in giving tours and classes on the area
 - Student Volunteers** restoration & maintenance



Acknowledgments

Sustainability Action Research for making this project possible and for offering tremendous support over these past two quarters.

Cully Nordby, our stakeholder, for sharing her wisdom, guidance, and expertise with us throughout the process.

