



Mary A. Crocker  
TRUST



THE STRONG FOUNDATION  
FOR ENVIRONMENTAL VALUES



THE METROPOLITAN WATER DISTRICT  
OF SOUTHERN CALIFORNIA



MARCH  
CONSERVATION  
FUND



THE  
TREICHELDT  
GIVING FUND

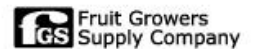
RED RIVER  
FORESTS  
LLC



BORDGES  
TIMBER



Collins



waratah



[www.forestrychallenge.org](http://www.forestrychallenge.org)

**El Dorado Forestry Challenge**  
**October 23 to 26, 2019**  
**Leoni Meadows Camp**

# 2019 EL DORADO FORESTRY CHALLENGE

## SCHEDULE OF EVENTS

### Wednesday, October 23, 2019

4:00 to 5:30 Registration and housing assignments  
 5:30 to 6:30 Dinner  
 6:45 to 8:00 Welcome and Focus Topic Question presented / Q&A  
 8:00 to 10:00 Dessert and Night Hike  
 10:30 Report to Dorms

### Thursday, October 24, 2019

8:00 to 8:45 Breakfast  
 8:55 to 9:00 Gather for Field Training  
 9:05 to 12:00 Field Training  
 12:00 to 1:00 Lunch  
 1:00 to 1:15 Gather for Fieldtrip  
 1:30 to 5:00 Fieldtrip and Data Collection  
 5:30 to 6:30 Dinner  
 6:30 to 7:00 Data Review  
 7:00 to 10:30 Teams Prepare Presentations / Ask a Forester appointments  
 10:30 Report to Dorms

### Friday, October 25, 2019

Time	Group A: Teams 1-16	Group B: Teams 17-32
8:00 to 8:45	Breakfast	
8:45 to 9:00	Gather and Travel to Field Testing	Giant Swing & Train / Free Time School Photos / Pacing Contest
9:30 to 12:00	Field Testing	
12:00 to 1:00	Lunch	
1:00 to 1:30	Group Photo	
1:30 to 1:45	Giant Swing & Train / Free Time School Photos / Pacing Contest	Gather and Travel to Field Testing
2:00 to 4:30		Field Testing
5:00 to 5:15	Test Keys Distributed	
5:30 to 6:30	Dinner	
7:00 to 9:30	Teams Finish Preparing Presentations	
9:30 to 10:30	Free Time – Campfire (conditions permitting)	
10:30	Report to Dorms	

### Saturday, October 26, 2019

8:00 to 8:45 Breakfast  
 8:45 to 11:15 Teams pack up and clean dorms  
 8:15 to 9:00 Judges Orientation  
 9:15 to 11:10 Teams Give Presentations  
 11:20 to 11:45 Judging Panel Feedback to Students  
 11:45 to noon Awards  
 Noon Lunch and Farewell

## 2019 El Dorado Forestry Challenge Participants:

<u>School</u>	<u>County</u>	<u>Advisor(s)</u>	<u>Team #'s</u>
Amador	Amador	Jeremiah Cloud, Matt Waverly	17
Calaveras	Calaveras	Noah Crosson	30, 31
Charter Connect	El Dorado	Kendra Brace	32
El Dorado	El Dorado	Krista Potter	28, 29
Eleanor Roosevelt	Tulare	Jeff Alexander, Michele Whitney	18, 19, 20
Folsom	Sacramento	Mary Johnston	21
Foresthill	Placer	Katie Cantrell	22, 23
Fusion Charter	Stanislaus	David Ashby	1
Golden Sierra	El Dorado	Amara Smallwood	24
Grant	Sacramento	Arron White, Kyle McDaniel	2, 3, 4, 5
Independence	El Dorado	Jeff Scott	6
Mira Loma	Sacramento	Colleen Kelly	7
Mountain Oaks	Calaveras	Andrew Oneto, Tonya Scheftner	8
Placer	Placer	Suzanna Gardetto	9
Ponderosa	El Dorado	Angela Personeni, Bret Harnden	25, 26, 27
Rosemont	Sacramento	Chesshuwa Beckett, Erik Beckett	10
Sac New Tech	Sacramento	Jerry Huang	11, 12
Summerville	Tuolumne	Rachel Castongia	13, 14
Vista Del Lago	Sacramento	Miranda Ayad, Brian Ellis	15, 16

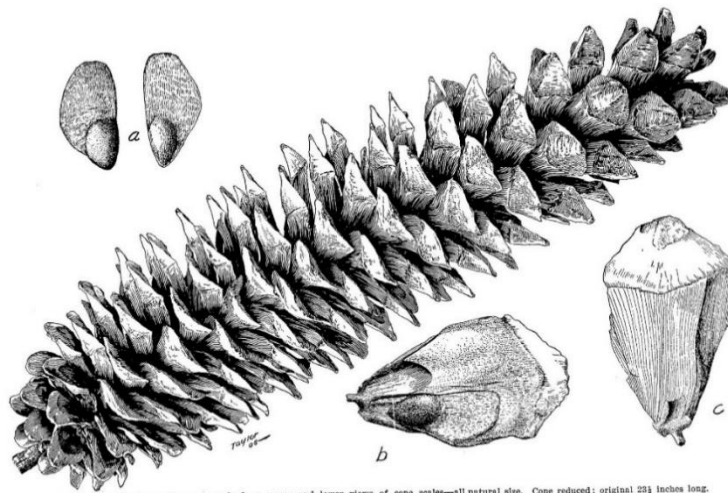


FIG. 4.—*Pinus lambertiana*: a, seed; b, c, upper and lower views of cone scales—all natural size. Cone reduced; original 23½ inches long.

### Housing Assignments – Meadow Lodge Dorms

Boys (except those listed below): West Dorm (farthest from Dining Hall)

Girls (except ED/Pondo): East Dorm (closest to Leoni Lodge)

Cabins for males: #15 for Grant, #16 for Calaveras, #17 for Fusion and Vista del Lago  
 El Dorado and Ponderosa (male and female): Campground  
 Diane and Staff – Upstairs of Headquarters House

# 2019 California Forestry Challenge Rules

1. Students enrolled in grades 9 through 12 are eligible to participate. Community college students and 8<sup>th</sup> graders may participate if the facility can accommodate them, as determined by the FC coordinator.
2. Teams will consist of two to five students from the same school, home school, tribe, or scouting group. More than one team may enter from each school as space permits. There may be a need to restrict the number of students per school, depending on the facility's capacity.
3. An adult advisor must accompany each team. The advisor can be a teacher, staff member, or approved parent from that school. One advisor can supervise more than one team from the same school, as housing arrangements permit.
4. For schools bringing only one adult, an additional adult of the opposite gender must be available on standby, to insure proper overnight supervision. Schools will be notified the day after the registration deadline if additional adults are required to assure correct ratios.
5. Schools that pre-register by May 31, 2019 ~~will~~ may receive a discount on the registration fees listed below. Schools that pre-register after May 31 will be expected to pay the registration fees listed below.
6. A completed registration form (available online) must be received 12 days prior to the start of the event.
7. Registration fee due dates and anticipated amounts are as follows:
  - Shasta FC fees are \$110 per person, due September 25
  - Santa Cruz FC fees are \$200 per person, due October 9
  - El Dorado FC fees are \$120 per person, due October 23
  - San Bernardino FC fees are \$160 per person, due November 6
8. Registration fees are due upon arrival to the event and must be paid for each person attending, including teachers and adult chaperones. Fees for advisors' infants and small children may be modified on a case-by-case basis.
9. Teachers will be asked to use the online registration fee calculator as an indicator of attendance numbers for their school. This form can also be used as an invoice to initiate payment by their district.
10. Registration fee totals will be considered final the Friday before the event begins based on the registration fee calculator or subsequent updates provided to the FC Coordinator.
11. Student substitutions of the same gender are allowed between the Friday prior and up to the start of the event.
12. There will be no refunds for students or advisors who cancel after the Friday before the event, and registration fees for persons who do not attend are non-refundable.
13. 2019 is the last year to use registration fee credits from previous years.
14. Each participant must arrive with all applicable and signed Liability / Medical / Media Release Forms in order to participate. These forms must be turned in at registration or received prior to the event.
15. Only registered participants with signed forms will be allowed on site.
16. Chaperones and students will check in together unless prior arrangements are made with the FC Coordinator.
17. At least one team advisor must always be on site with their students and will be responsible to assure that team members display proper conduct during the event and at the host facility.
18. Participants will report any illness or personal emergency to the Coordinator or designated staff.
19. If participants break or damage property of the FC or the host site, they are responsible for reporting the damage and paying for its repair.
20. All students must attend and fully participate in all scheduled activities.
21. Although advisors must attend all activities in order to properly supervise students, they are not allowed to actively participate in field testing or focus topic presentation preparation.

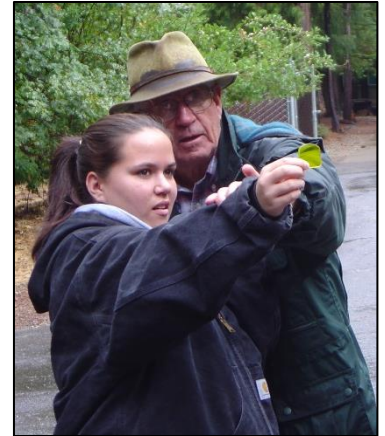
22. The use of personal electronic devices such as cell phones is restricted to free time or in the case of an emergency. Recording devices may be used during field training, data collection, and Ask a Forester.
23. Students must report to and stay in their assigned cabins or dormitories at the designated time at the end of each day. Facility housing will be described in advance, and if it does not meet the needs of one or more students, the advisor must ask for alternate arrangements in advance of the start of the event.
24. No students or advisors are allowed to leave the host site without approval.
25. Tobacco, drugs, and alcohol are prohibited during all parts of the event.
26. Transportation to, from, and during an event will be the responsibility of each participating team unless transportation is provided during an event.
27. The FC has two parts: a Field Test and a Presentation. The two parts will be scored separately. The Field Test will be worth 60% and the Presentation will be worth 40% of the total score.
28. The Field Test is completed as a team and is comprehensive in nature, with many questions using props and tools such as tree specimens and forestry equipment. One test key will be provided for each school at the conclusion of the testing period, to be returned by the end of the testing day. The FC Coordinator or designee will be available to answer questions.
29. Test questions will be devised using the FC Learning Objectives and reference materials linked to the Objectives as a guide but are not necessarily limited to those items. Knowledge of basic ecological concepts and information presented during the field trip and field training may be tested as well.
30. Students will not be allowed to use their own reference materials, including cellular devices, during the Field Test. All materials needed during the Field Test, including identification keys, reference materials, calculators, and equipment, will be provided at the testing stations.
31. Any and all written and electronic materials teams bring to the event and gather while at the event may be used to prepare the Presentation. Laptop computers will be used, and there will be equal access to wireless internet when available. Hotspot devices will be allowed as determined by the FC Coordinator.
32. Students will not be allowed to review presentation materials once the first presentation period begins and will be asked to gather in one area to wait until their presentation time begins.
33. Each team's Field Test and Presentation scores will be totaled, and overall place awards will be given accordingly. All participants will receive a Certificate of Participation.
34. Students may attend more than one regular event during the fall season. If a team with one or more repeating students places in the top 5, that team will not displace a team that is competing for the first time that season.
35. Students and advisors will be asked to complete an evaluation form at the conclusion of the event.
36. Grievances must be submitted in writing to the FC Coordinator by the end of the review period immediately following the Field Test or the Presentation portion of the event. Grievances will be reviewed by the Coordinator and discussed with involved judges and/or volunteers. The Coordinator's decisions are final.
37. FC rules are subject to change by the Coordinator. Any and all changes will be explained in advance to all teams and advisors.
38. Host site/facility rules will be enforced in addition to FC Rules.
39. Any infraction of any of the FC Rules could result in disqualification and/or dismissal from the event and the host site.

2019 updates to the rules are italicized and underlined

# The George Little Memorial Award for Volunteer Excellence

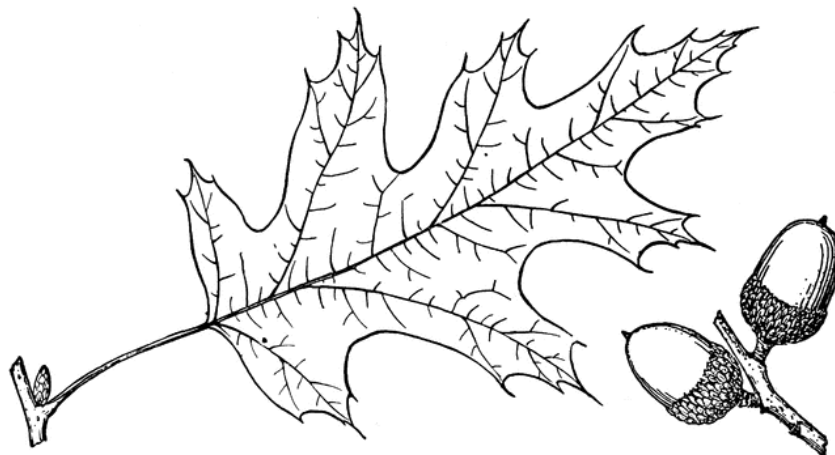
The George Little Memorial Award for Volunteer Excellence was established in 2011. George was born on May 10, 1939 and passed on June 19, 2011. He was a dedicated volunteer at the Forestry Challenge, assisting with field training and testing, even developing training materials.

George served in the US Navy from 1962 to 1966 and worked in the family business at Union Planing Mill in Stockton until 2002. Union Planing Mill, founded in 1891, was a lumber, moulding, fixture, and cabinet shop that employed up to 100 employees through the 1980's and 1990's. The business specialized in redwood moulding and custom work for clients including UC Berkeley North Gate and the William Randolph Hearst private estate in Wyntoon, Siskiyou County.



## Award Recipients:

- 2011 – Dennis Norgord, Website Manager (aka “Tech Angel”)
- 2012 – John Nicoles, Staff Forester Extraordinaire
- 2013 – David Van Lennep, Redwood Empire Forester
- 2014 – Katie Carlson, ANTHS grad and Forestry Challenge Alum
- 2015 – Mike Garcia, Fruit Growers Supply Co., Retired
- 2016 – Nikki Visser, Event cook for El Dorado FC
- 2017 – Ernie Lory, Grizzly Flats Fire Safe Council
- 2018 – Len Lindstrand, W.M. Beaty & Associates Forester, Retired



# EXPANDED SCHEDULE FOR WEDNESDAY

## Wednesday, October 23, 2019

- 4:00 to 5:30 Registration – Leoni Lodge Lobby
- 5:30 to 6:30 Dinner – Serve and Clean Up: Grant
- 6:50 to 7:00 Welcome – Cascades Room
- ❖ Please gather by 6:45
  - ❖ Bring Focus Topic Question, paper and pencil
- 7:00 to 8:00 Focus Topic Question presented
- 8:00 to 8:30 Break
- 8:30 to 9:30 Night Hike Group A, Go Karts/Ice Cream Teams Group B
- 9:30 to 10:30 Night Hike Group B, Go Karts/Ice Cream Group A
- 10:30 Report to Dorms
- 11:00 Lights Out



## **EXPANDED SCHEDULE FOR THURSDAY**

### **Thursday, October 24, 2019**

- 8:00 to 8:45 Breakfast – Serve and Clean Up: Folsom and Golden Sierra
- 8:55 to 9:00 Field Training Introduction
- ❖ Gather in front of Leoni Lodge
  - ❖ See Training Rotation Schedule for list of what to bring
- 9:05 to 12:00 Field Training
- 12:00 to 1:00 Lunch – Serve and Clean Up: Rosemont and Summerville
- 1:00 to 1:15 Gather for Fieldtrip at Steely Creek Lodge
- ❖ Bring Focus Topic Question, Camera, Paper, Clipboards, and Water Bottle
  - ❖ Wear jeans and boots
- 1:30 to 5:00 Field Trip / Data Collection
- 5:00 to 5:30 Break
- 5:30 to 6:30 Dinner – Serve and Clean Up: Ponderosa
- 6:30 to 7:00 Data Review and PowerPoint Design – Cascades Room
- 7:00 to 10:30 Students Prepare Presentations in Dining Hall
- ❖ Each team should use one table with space on all sides
  - ❖ Teachers may not sit at the table with their students
  - ❖ PCs should be used - wireless internet available
  - ❖ Students should not leave the Dining Hall without permission, except for Ask a Forester appointments
- 7:10 Introduction to “Ask a Foresters” in Dining Hall
- 7:20 to 9:45 Ask a Forester appointments – schedule provided at 7:00
- 10:45 Report to Dorms
- 11:00 Lights out



# **THURSDAY A.M. FIELD TRAINING NOTES**

**New! This year, we are trying a new training schedule.**

**We will have two training tracks, A & B, that your team will divide between. Try to split each team as evenly as possible between the two training tracks. The tracks are as follows:**

## **Track A**

- CA Forest Types, Tree ID, Species Composition
- Dichotomous Plant Keys
- Volume and Market Values
- Densitometer, Site Class

## **Track B**

- Diameter tape, clinometer, Biltmore stick
- Angle gauge, Limiting distance, Stocking
- Maps
- Compass, Pacing

- Teams should assemble in front of Leoni Lodge no later than 8:55.
- Training schedules will be handed out at breakfast.
- Training Worksheets will be handed out just prior to training.
- Wear long pants and close-toed shoes.
- Bring your clipboard, pencil(s), and calculator.
- You may bring study materials and paper with you for taking notes.

## **2019 EL DORADO FORESTRY CHALLENGE** **“ASK A FORESTER” NOTES AND GUIDELINES**

- Ask a Forester schedules will be available Thursday evening before appointments begin.
- Arrive a few minutes before your scheduled appointment time.
- Appointments are 20 minutes in length.
- Bring any materials with you that will help make your appointment productive.
- Any number of team members may go to the appointment.
- Advisors may not go to the appointment

## EXPANDED SCHEDULE FOR FRIDAY

Friday, October 25, 2019

Time	Group A: Teams 1 - 16	Group B: Teams 17 - 32
8:00 to 9:00	Breakfast – Teams testing in AM, get in line first Serve and Clean Up: Amador, Calaveras	
9:00 to 9:25	Gather for Field Testing and Travel to Testing Stations	Giant Swing & Train / Free Time - 9:00 to 11:30
9:30 to 12:00	Field Testing	School Photos and Pacing Contest - 11:30 to 12:00
12:00 to 1:00	Lunch - Serve and Clean Up: Charter Connect & Foresthill	
1:00 to 1:30	Group Photo	
1:30 to 1:45	School Photos and Pacing Contest - 1:30 to 2:00	Gather for Field Testing and Travel to Testing Stations
2:00 to 4:30	Giant Swing & Train / Free Time - 2:00 to 4:30	Field Testing
5:00 to 5:15	Test Keys Distributed – Outside Steely Creek Lodge	
5:30 to 6:30	Dinner- Serve: Fusion, Mira Loma    Clean Up: El Dorado	
7:00 to 9:30	Teams Finish Preparing Presentations – Dining Hall ❖ By 9:30 all teams must turn in their laptops	
9:30 to 10:30	Campfire – Conditions Permitting, Location TBD	
10:30	Report to Dorms	
11:00	Lights Out	

# FRIDAY FIELD TESTING ROTATION SCHEDULE

## Morning - Group A

<b>Time Station</b>	<b>9:30 to 10:02</b>	<b>10:10 to 10:42</b>	<b>10:50 to 11:22</b>	<b>11:30 to 12:02</b>
<b>Water Tank</b>	Teams 1, 6, 7, 8	Teams 13 - 16	Teams 9 - 12	Teams 2 - 5
<b>Campfire</b>	Teams 2 - 5	Teams 1, 6, 7, 8	Teams 13 - 16	Teams 9 - 12
<b>Teepee</b>	Teams 9 - 12	Teams 2 - 5	Teams 1, 6, 7, 8	Teams 13 - 16
<b>Roadway</b>	Teams 13 - 16	Teams 9 - 12	Teams 2 - 5	Teams 1, 6, 7, 8

## Afternoon - Group B

<b>Time Station</b>	<b>2:00 to 2:32</b>	<b>2:40 to 3:12</b>	<b>3:20 to 3:52</b>	<b>4:00 to 4:32</b>
<b>Water Tank</b>	Teams 17 - 20	Teams 28 - 31	Teams 25, 26, 27, 32	Teams 21 - 24
<b>Campfire</b>	Teams 21 - 24	Teams 17 - 20	Teams 28 - 31	Teams 25, 26, 27, 32
<b>Teepee</b>	Teams 25, 26, 27, 32	Teams 21 - 24	Teams 17 - 20	Teams 28 - 31
<b>Roadway</b>	Teams 28 - 31	Teams 25, 26, 27, 32	Teams 21 - 24	Teams 17 - 20

### Important Information about Field Testing:

- \* Testing stations will be 32 minutes each with 8 minute rotations in between.
- \* Teachers will travel in the same rotation with their team, but may not interact with team members at any time during the testing periods. They may, however, look at a blank copy of the test, provided by the testing proctor(s).
- \* Teachers need to be aware of the route to the next station and will be responsible for getting their group of students there on time.
- \* Teams cannot use notes, written materials, or forestry tools except those given to them at the stations.
- \* Teams are responsible for bringing their own clipboard.
- \* Students will return all tools before moving to the next testing station.

At the end of all testing, one Test Key will be provided for each school for review, and students will have an opportunity to revisit the stations if there are any questions. The test keys are due back Friday at 9:30 p.m.

## **Friday During Free Time - Pacing Contest:**

The goal of this contest is to pace a 66 foot distance (one chain) without the use of any measuring device. To practice for this contest, mark a 66 foot distance on a sidewalk or parking lot. Stand with your heels on one line and walk with a comfortable step until your toes touch the other line. Once you know how many steps (or paces) you walk, try it without the lines. Then, measure your distance to see how close you are. Note: you will need to know how to do this anyway in order to measure trees using only a Biltmore stick.

Each school will be given two pieces of tape to mark the beginning and end of their chain with their school name. Each school gets one entry. The school that can pace a distance closest to one chain (over or under) wins the contest, and takes possession of the highly coveted "board foot" traveling trophy.

### **El Dorado Forestry Challenge Champions**

2003 – Nevada Union High School  
2004 – Rio Vista High School  
2005 – Elk Grove High School  
2006 – Foresthill High School  
2007 – Napa New Technology H.S.  
2008 – Ponderosa High School FFA  
2009 – Ponderosa High School FFA  
2010 – Franklin High School  
2011 – Ponderosa High School APES  
2012 – Ponderosa High School FFA  
2013 – Franklin High School  
2014 – Amador High School  
2015 – Bella Vista High School  
2016 – Vista Del Lago High School  
2017 – Sac New Tech High School  
2018 – Foresthill High School

### **Pacing Contest Winners:**

2004 – Amador High School  
2005 – Nevada Union High School  
2006 – Grant High School  
2007 – Napa New Technology H.S.  
2008 – Vista del Lago High School  
2009 – Foresthill High School  
2010 – Franklin High School  
2011 – Ponderosa High School APES  
2012 – Franklin High School  
2013 – Santa Maria High School  
2014 – Marysville High School  
2015 – Marysville High School  
2016 – Sac New Tech High School  
2017 – Golden Sierra High School  
2018 – Mira Loma High School

*In accordance with Federal law and U.S. Department of Agriculture policy, this institution is prohibited from discriminating on the basis of race, color, national origin, sex, age, or disability. (Not all prohibited bases apply to all programs.)*

**To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 1400 Independence Avenue, SW, Washington, DC 20250-9410 or call (202) 720-5964 (voice and TDD).**

USDA is an equal opportunity provider and employer.

# **EXPANDED SCHEDULE FOR SATURDAY**

## **Saturday, October 26, 2019**

- 8:00 to 8:45      Breakfast – Serve and Clean Up: Sac New Tech, Vista del Lago
- 8:15 to 9:00      Judges Orientation – Leoni Lodge Conference Room  
                         ❖ For Judges and Facilitators only
- 9:15 to 11:10     ALL TEAMS – Report to Meadow Lodge Lobby  
                         ❖ Room assignments distributed Friday evening  
                         ❖ All teams must turn in press releases, thank you notes, and  
                         evaluation forms before leaving Meadow Lodge Lobby.
- 11:25 to 11:45    Judging Panel Feedback to Students – Amphitheater
- 11:45 to 12:00    Awards – Amphitheater
- 12:00              Lunch/Farewell – Serve/Clean Up: Independence, Mtn Oaks, Placer

### Notes:

- \* If your presentation time is not suitable, you are free to trade with another team if both agree. Just let me know.
- \* Teachers and parents may listen to their own team's presentation(s), but may not listen to other teams.
- \* Each presentation room will have three judges and a presentation facilitator.
- \* The facilitator will start timing when the presentation begins and show 5 and 1 minute warning cards.
- \* The facilitator will stop the presentation when time is up, even if the team is not finished.
- \* The facilitator will time the 5 minute question and answer period, with a 1 minute warning.
- \* Teams are encouraged to give their presentation at school and in the community.
- \* All teams will attend a review session at the Amphitheater from 11:25 to 11:45, where the judges will provide feedback to the teams, after which the awards will be presented.

# **Thank You to the 2019 El Dorado Forestry Challenge Volunteers**

Without volunteers, the Forestry Challenge simply wouldn't happen. Here are the individuals who gave their time and expertise for this event:

Allison Erny  
Andrew Funk  
Audrey French  
Betty Self  
Britney Patterson  
Carol Cary  
Courtney Coats  
Dan Cullinane  
Danielle Kelly  
David Zelinsky  
David Thompson  
Emma Kampp  
Ernie Lory  
Gerald Beckett  
James Woodside

Jessica Hinojosa  
Jill Engelmann  
John Nicoles  
Joyce Everett  
Kevin Conway  
Krista Whitney  
Kristen Merrill  
Luke Wagner  
Mark Stewart  
Matt Waverly  
Michele Whitney  
Mike Garcia  
Nikki Oneto  
Pat Ferrell  
Patra Foulk

Peggy Blair  
Phil Mosbacher  
Rich Wade  
Robert Little  
Rochelle Frymire  
Ryan Foote  
Stephanie Foote  
Steve Brink  
Steve Wiard  
Sue Mosbacher  
Tanner Mar  
Tim Cary  
Tim Treichelt  
Tom Francis

## **A Note About our Sponsors:**

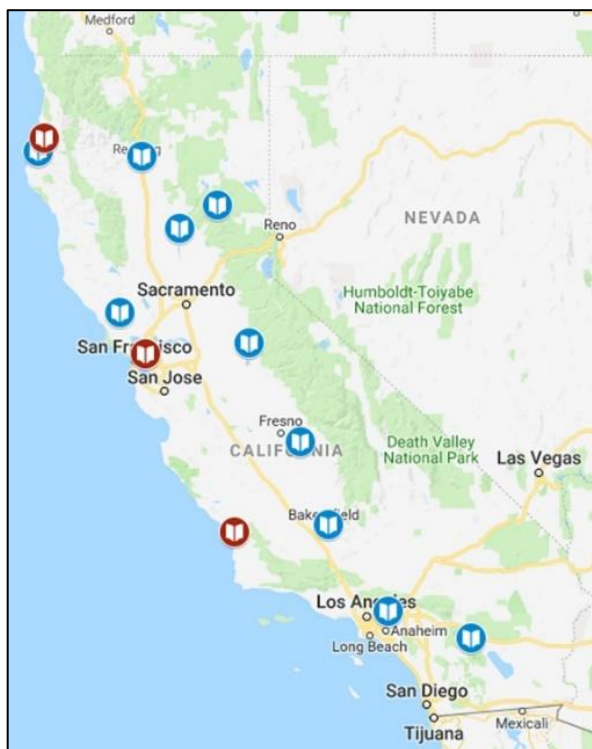
In addition to the sponsors on the front cover of this booklet, many more companies, organizations, and individuals contributed. They are:

California Forestry Association  
Crane Mills  
CTL Forest Management  
Emerson Logging  
Hancock Forest Management  
Integrated Forest Management

Joe Thornton Logging  
Matt Waverly  
Placer County RCD  
Rich Wade  
Sierra Resource Management

*The Forestry Challenge is part of California Climate Investments, a statewide program that puts billions of Cap-and-Trade dollars to work reducing greenhouse gas emissions, strengthening the economy, and improving public health and the environment - particularly in disadvantaged communities.*

## Forestry Challenge Initiative to Promote College and Career Readiness



Hey Teachers! We've done a lot of information gathering recently in order to provide a well-rounded list of college and career options for students to explore in forestry and natural resources. Our website has been updated with a collection of videos about professions in the industry. We continue to publish our College and Career newsletter with information on college programs and career opportunities. Colleges throughout California have provided informational brochures about their forestry programs that are available to students during events and will be sent home with advisors to

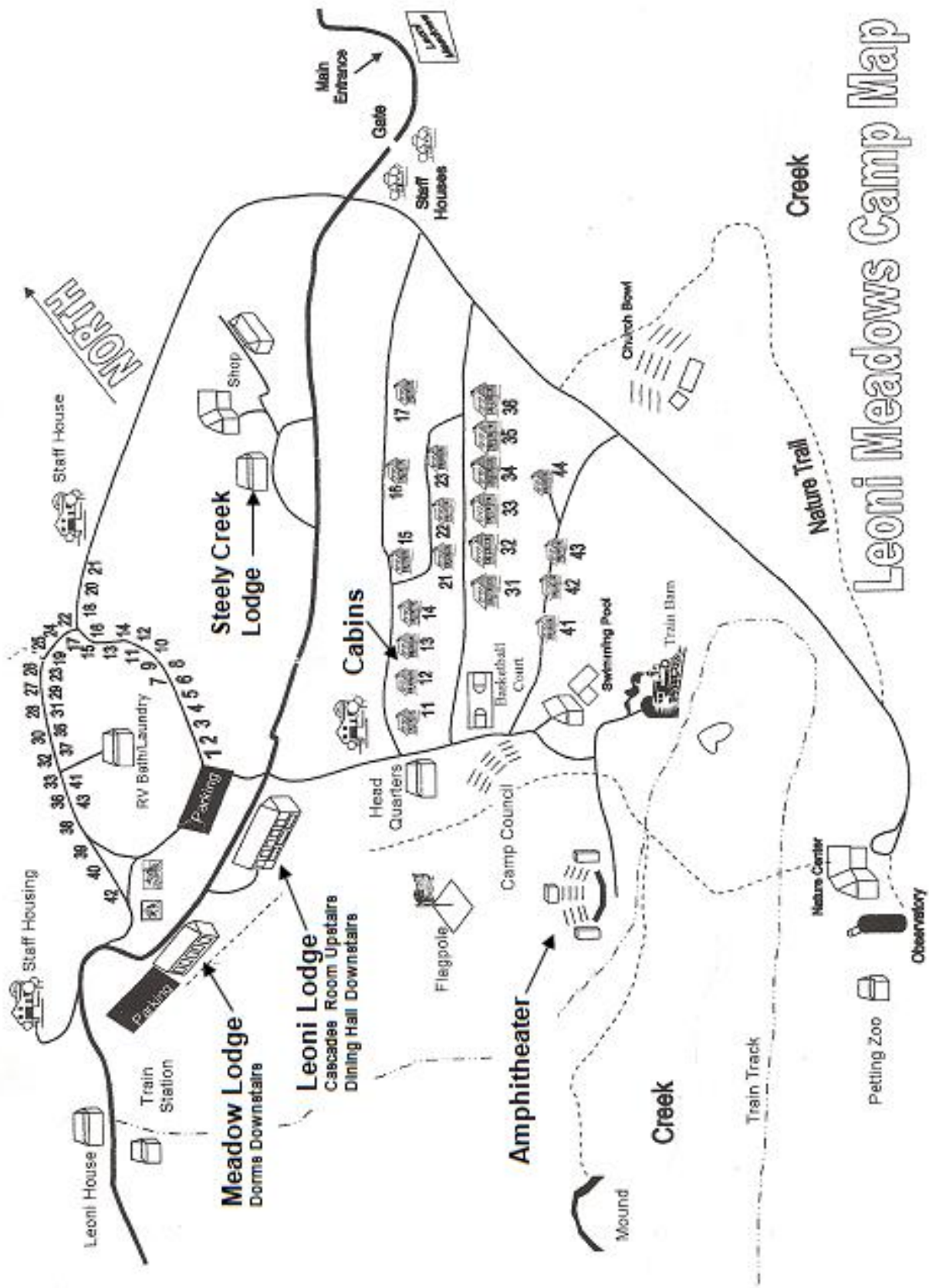
be given to each school's college and career guidance office. There will be a sign-up sheet for students who would like to subscribe. It will be available near the college and career brochure display.

**NEW THIS YEAR!** We will be giving you a collection of career, two year college, and four year college pamphlets in file folders to take back to your guidance office.

### Forestry Challenge Scholarship

In addition to this, each year, Redwood Empire, a division of Pacific States Industries and the Burch Family, awards scholarships to assist students who plan to obtain a college degree in Forestry and participated in one or more Forestry Challenge events. Recipients must be enrolled in a program that leads to a degree in Forestry or a closely related field. The 2019 recipient of a \$2,000 scholarship is Emily Staller, a student at Northern Arizona University pursuing her Bachelor of Science in Forestry.





# Leoni Meadows Camp Map