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KAYAK NEWS

Golden Mussels Invade CA Waterways - LAKE TAHOE ON HIGH ALERT

Last week California Department of Fish and Wildlife (CDFW) discovered golden mussels that could significantly damage the ecology of waterbodies in the Bay-Delta near Stockton, California. Lake Tahoe is now on high alert, according to the Tahoe Regional Planning Agency (TRPA). It is the first time the species has been detected in North America.

Under the Lake Tahoe Watercraft Inspection Program, every motorized watercraft is inspected, and if need be, decontaminated before launch. Non-motorized paddle craft can also opt for a free inspection at any regional inspection station. Since 2008, staff have inspected 113,000 boats for aquatic invasive species, which can have devastating environmental and economic impacts.

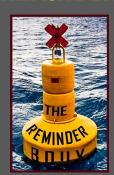
"This news underscores the importance of the program. Now more than ever non-motorized paddlers, kayakers, and even beach goers must learn how to Clean, Drain, and Dry their gear through the free Tahoe Keepers program before launching anywhere in the region," said Dennis Zabaglo (TRPA program manager)

The California Department of Water Resources is preparing a rapid response that includes additional monitoring to determine the extent of the population and managing potential vectors.

To learn about how to Clean, Drain, and Dry and more information about the aquatic invasion, visit TahoeBoatInspections.com. For the latest updates on the golden mussel, visit the CDFW Aquatic Invasive Species

More on Page 5-6 of this Newsletter

REMINDER



The June 26th 2025 Member Meeting has been moved to Thursday June 19th, 2025 (See Page 2 and 3)

wehnage

Latest Trip Schedules—2025

Spring 2025 Day Kayak Trips					
DATE	DAY	N/A	DESTINATION	TRIP LEAD	TRIP LEAD
15-Mar	Sat	3	Snodgrass	Chris Crain	cgcrain@gmail.com
28-Mar	Fri	(2)	Camp Far West	Keith Schoendoerfer & Linda Lansky	keith@zwrvr.net
5-Apr	Sat	(a)	Sacramento	Chuck Kastenholz	cvkasten@msn.com
16-Apr	Wed	<u></u>	Lake Natoma	Sharon Cabello	sharoncab@gmail.com
10-May	Sat	9	Clementine	Gwen Hu PHOTOS II	N.THIS4ISSUE.com
15-May	Thur		Lake Lodi— Blue Heron	Carol Pe PHOTOS II	N _P THIS/ISSUE.com
12-Jun	Thur	<u></u>	Spaulding	Chuck Kastenholz	cvkasten@msn.com
30-Jul	Wed	9	Donner Lake	TBD*	
20-Aug	Wed	9	Lake Valley	Rachel Finson	rasatsuki@gmail.com
28-Aug	Thur	60	Rescue Clinic	Chris Crain	cgcrain@gmail.com

^{*} We are looking for a trip leader for Donner Lake or a different destination in May. Contact Rachel Finson

2025 Overnight Kayaking Trips

DATE	DAY	nights	DESTINATION	TRIP LEAD	TRIP LEAD
Apr 27-May 2	Sun-Fri	5	Clear Lake Kelsey Creek	Marna D PHOTO'S II Wendy supporting	N THIS ISSUE —
June 2-6	Mon-Fri	4	,	Rachel Finson & Nancy Van Horn	rasatsuki@gmail.com
June 23-27	Mon-Fri	4		Keith Schoendoerfer & Linda Lansky	keith@zwrvr.net
July 7-9	Mon-Wed	2		Laurie Appling & Dennis Coulter w/ Rachel	rasatsuki@gmail.com
Aug 11-14	Mon-Thu	3	Butt Lake	Chris Crain	cgcrain@gmail.com
Aug 20-21	Wed-Thu		Lodge on Fuller Lake	Alan Cary w/Rachel	rasatsuki@gmail.com
Sept 15-19	Mon-Fri	4	Tahoe Sugar Pine SP	Chuck Kastenholz	cvkasten@msn.com
Oct 13-17	Mon-Fri	4	Sunset Beach SP	TBD * w/Wendy	wendytbo2@gmail.com

^{*} We are still looking for someone to lead this trip. The dates are favorable to the tides for paddling Elkhorn Slough. Wendy Thibeault knows this trip well and is offering to advise anyone that would like to lead this trip. Con-

As always, if you are interested in leading a day paddle or a multi-day camping/kayaking trip anytime during the year, contact me and I will work with you to get your trip onto the club schedule.

CLUB MEETINGS and EVENTS

Monthly club meetings are typically held at 6:00 pm the <u>fourth Thursday of every month</u> at

Seaman's Lodge in Pioneer Park,

427 Nimrod Street, Nevada City.

Thursday, May 22th SNCKC ANNUAL SPRING PICNIC AT WESTERN GATEWAY PARK

Details on next page.

Upcoming Meetings



Thursday, June 19th (Please note the DATE))

Thomas Schuebel, renown area kayak expert and kayak instructor, will talk about water safety.

This is not Pot Luck Night - Instead we will Be serving Chinese food from Asian Gardens Contribution \$10/Person



<u>Thursday, July 24th</u>

Possible presentation by NID or on the Golden Mussel invasion

Thursday, August 28th - Venue TBD (Water Level and Mussels)

Rescue Clinic By Thomas Schuebel

Signup with Chris Crain at cgcrain@gmail.com

Thursday, Sept 24th

Trivia Night - This could be about Mussels and Muscles And this is a <u>Pizza Night</u> Contribution <u>\$5/person</u> or a salad to share







nce again, please join us for our annual club picnic. Games, camaraderie, and good food await!..... Serious rumors have been circulating that Gwen will offer a *line dancing* class..... So Bring your boots, hat, and some YAHOO!

Members, family, and friends are encouraged to attend

DATE: Thursday, May 22

PLACE: Western Gateway Park, covered picnic area # 2, Penn Valley

WHAT TO BRING

Pot luck item to share: Entree for yourself to grill:

Personal Stuff:

More Personal Stuff:

Attitude:

Appetizers, salads, side dishes, desserts (bring serving tool) Several grills will be set up with hot coals for your use. Beverages, dinner plate, utensils, napkins, BBQ tool, etc. Camp chair for social hour and watching games

Partying, whoop-it up, Yahoo.... Or a relaxing state of people watching bliss



4:00-5:30 Social time and games

♦ 5:30-6:00 Dinner prep (set out potluck items, set tables, grill food, ...)

♦ 6:00 Dinner and then brief

announcements

♦ 7:30 Everyone helps clean up



Please respond to Chris Crain at cgcrain@gmail.com if you have questions or other thoughts about the event. And also let Chris know if you can bring some lawn games (pétanque, corn hole toss, ladder ball, horse shoes, etc.)

The Golden Muscle (Limnoperna fortune)

Limnoperna fortunei, the golden mussel, is a medium-sized freshwater bivalve mollusc of the family Mytilidae. The native range of the species is China, but it has accidentally been introduced to South America and several Asian countries where it has become an invasive species. It is considered to be an ecosystem engineer because it alters the nature of the water and the bottom habitats of lakes and rivers and modifies the associated invertebrate communities.





It also has strong effects on the properties of the water column, modifying nutrient proportions and concentrations, increasing water transparency, decreasing phytoplankton and zooplankton densities, on which it feeds, and enhancing the growth of aquatic macrophytes. Because mussels attach to hard substrata, including the components of industrial, water-treatment and power plants, they have become a major biofouling problem in the areas invaded.

Parameter	Effect	
Water	Increase	
transparency		
Seston	Decrease	
concentration		
Nutrients	Increase and change of	
	proportions, alter nutrient cycling	
Phytoplankton	Decrease, changes in	
and	community composition	
chlorophyll		
Macrophytes,	Increase biomass and extent	
periphyton,		
benthic algae		
Zooplankton	Decrease density, change	
	community composition	
Littoral	Increase density and	
zoobenthos	diversity; changes in	
	community composition	
Profundal	Normally L. fortunei absent or	
zoobenthos	very scarce because of lack	
	of adequate substrata	
Unionids	Probably negative	
Adult and	Probably positive from	
larval fishes	enhanced food resources	

L. fortunei's native range is most probably the Pearl River basin, in southern China, with longstanding populations in China, Thailand, Korea, Laos, Cambodia, Vietnam, and Indonesia. Its presence in Laos, Cambodia, Thailand and Vietnam is

The mussel needs hard substrata for settling, like rocks, wood, floating and submerged plants, mussel shells, crustaceans, etc. Although it cannot live on fine loose sediments, muddy areas stabilized by roots or fibrous debris are also occasionally colonized.

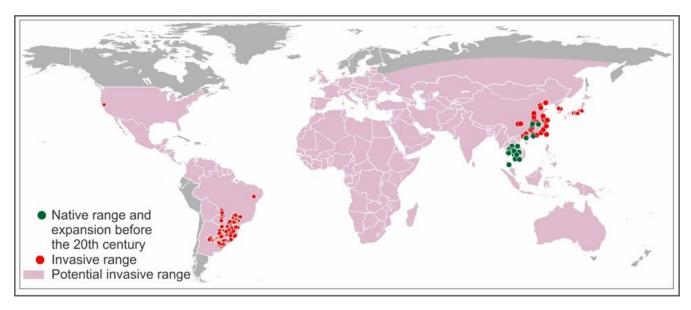
The facilities affected and facility components that are most commonly fouled by the mussels are shown below.

INDUSTRIAL AND INFRASTRUCTURE FACILITIES FOULED			
Poser plants	Steel mills	Irrigation systems	
Water processing	Fish hatcheries	balancing reservoirs	
Waste-water	Water xfer canals	balancing tanks	
Refineries	Aquaducts		

FACILITY COMPONENTS FOULED			
Pipes,	Vent lines	Pump and turbine shafts	
Heat exchangers	Air release valves	Seals, and wear rings	
Strainers	Fire protection equipment	Boat engines	
Filters	Grit chambers	Rudder and propulsion	
Trash racks	Flocculators	Sand filtration systems	
Grates	Holding ponds	Monitoring instrumentation	
Screens	Storage tanks	Level gauges	
Penstocks	Pump suction chambers	Sprinklers	
Pumps	Pump wells		
Nozzles	Water intake tunnels		

probably the result of historical human migrations. Between 1965 and 1990, it spread into Hong Kong, Korea (although it may be native there), Taiwan and Japan. Shortly thereafter, South America: Around 1990 it appeared in Argentina. By 2006 it had spread to Uruguay, Paraguay, Bolivia, and Brazil. In 2017

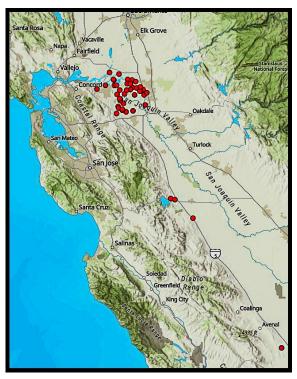
The first known occurrence of this species in North America, in the Sacramento–San Joaquin River Delta of the Port of Stockton in California, was announced by the California Department of Parks and Recreation in October of 2024.



California

The state of California has long had a mussel-containment program in different parts of the state–for quagga and zebra mussels–but they generally cannot reproduce and grow shells in water fed by the Sierra Nevada, as it is low in natural calcium. The golden mussel can, and so is a threat where other invaders were not.

However, objective estimates of the economic losses involved are practically unavailable. Fouling by L. fortunei has not caused a single definitive plant shutdown. Nevertheless, in locations infested other than California, plant operations running at belowstandard levels and even temporary plant shutdowns have often been reported.



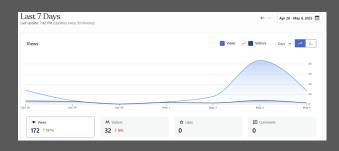
As of May 16th, 2025, reaction in the state has been swift in some districts but others have taken on a more "Wait-and-See" posture. Many managers of California's lakes, streams, rivers, and estuaries have begun some form of mitigation in the form of watercraft inspections and quarantine.

SNCKC Venues Local to the Sacramento Area

GOLDEN MU	ISSEL INFORMATION ON THESE PA	DDLING VENUES - As of 4/24/2025		
	PERSONAL (NON-MOTORIZED)	MOTORIZED		
VENUE	WATERCRAFT	WATERCRAFT		
Clear Lake	None	Lake County has their own sticker for vessels		
		Banding Program in place and 30 day quarantine in place.		
Folsom Lake	None	Mandatory inspections and decontamination for Motorized		
		watercraft		
Lake Clementine	None	Closed to all trailered and motorized watercraft until May 14th.		
		Banding program and 30 day quarantine in place		
	No distinction for personal watercraft. Call DWR general	Inspections and Qusrantines are being implemented Starting		
Lake Oroville	information line at 916-820-8142 or email at	Memorial Day weekend		
	oroville@water.ca.gov			
		Banding Program in place. Mandatory inspections and		
Lake Tahoe		decontamination for Motorized watercraft without an intact Tahoe		
		seal.		
	Kayaks and other personal watercraft are being	Motorized watercraft are being quarantined for 30 days. A		
	quarantined for 30 days. A quarantine tag (band) will be	quarantine tag (band) will be placed on the craft. Owners are		
Lake Wildwood	placed on the craft. Owners are expected to honor the	expected to honor the Rule (ER-0-04.23.25) and not launch the craft		
	Rule (ER-0-04.23.25) and not launch the craft until the 30	until the 30 days are upPersonal Watercraft are not eligible for		
	days are upPersonal Watercraft are not eligible for Green Exi Tags	Green Exi Tags		
Pardee Reservoir	None	Closed for 2025 Season		
New Bullards Bar Reservoir	None	Inspection and decontamination station being planned		
		30 day quarantine for motorized watercraft; 60 day quarantine for		
Rollins Lake	None	motorized watercraft with balasts, bilges or live water tanks. Hot		
		water decontamanation required to launch		
		30 day quarantine for motorized watercraft; 60 day quarantine for		
Scott's Flat Lake	None	motorized watercraft with balasts, bilges or live water tanks. Hot		
		water decontamanation required to launch		
	No distinction for personal watercraft. Call DWR general	Inspections and Qusrantines are being implemented Starting		
Thermalito Afterbay	information line at 916-820-8142 or email at	Memorial Day weekend		
	oroville@water.ca.gov	Premonat Day weekend		
TTHESE V	'ENUES CURRENTLY HAVE NONE OR LITTLE INFOF	RMATION ABOUT GOLDEN MUSSELS		
American River	Lake Davis	Mountain Meadow Reservoir		
Bucks Lake	Lake Lodi	Sacramento Delta		
Butt Valley Reservoir	Lake Natoma	Sacramento River		
Collins Lake	Lake Spaulding	Silver Lake		
Donner Lake	Lake Valley Reservoir	Snodgrass Slough		
Englebright Lake	Lakes Basin	Union Valley Reservoir		
Ice House Reservoir	Loon Lake	Webber Lake		

Nevada County Recreation Fair - May 3rd, 2025

SNCKC had a booth at the inaugural Nevada County Recreation Fair held at the Bodhi Hive Event Facility in Nevada City. While many supporting SNCKC'ers dropped by, the booth was largely manned by Chris Crain, Marna Duncan, Chuck Kastenholz, Linda Lansky, Carl Shori and Keith Schoendoerfer. The fair was deemed a success by the county with many from the community in attendance. A lot of curious folks stopped by our booth to chat about the club and pick up an informational swag bag. The result being a sharp spike in SNCKC website visits for the weekend.



The Union | Wednesday, May 7, 2025 | A3



Monday SRASS VALLEY POLICE DEPARTMENT 2:48 a.m. - A reporting

in hous. An additional 911 caller reported the same out advised there was an altercation between a mail nd a female. 5:10 a.m. – A custodian

from Glasson Way reported she was in the basement and could hear footsteps in the

suilding. 6:51 a.m. – A reporting swrtv from Sutton Way re-

righway 20 at the Mill Street amp neported gravel in the oodway caused damage to a vehicle's windshield. 12:05 p.m. - A reporting party from Buenea Via Street eported an AT&T truck slocking a fire hydrant since ?a.m.

11:33 a.m. - A reporting arty from Stone Arch Drive party from Stone Arch Drive requested help from animal control with trapping stray

party from Wolf Road report ed finding some of her stole music equipment at a music

LOCAL

All things recreation come to **Bodhi Hive for Nevada County Recreation Fair**





Week discounts culminate with Saturday Sidewalk Sale in Nevada City

'I'm a local': Locals



Bobcats featured on May 7 KVMR Critter Chat episode







Clear Lake Camping Paddle - April 27th thru May 2nd , 2025













The WET EXIT MAY 2025









Clear Lake Paddle Cont.







The WET EXIT MAY 2029

Clear Lake Paddle Cont.

















Lake Lodi Day Paddle Photos

May 15th 2025

The Lodi Lake/ Mokelumne River paddle did not disappoint. On Thursday 5/15, seven SNCKC members— five humans and two dogs— launched onto Lodi Lake and paddled upstream two miles past riverside mansions with beautiful gardens to the Great Blue Heron nesting area, where fledglings communicated their location with loud squawks and clacks. We observed eight- ten active nests with both adults and juveniles visible from the water. Continuing our bird watching efforts also revealed some form of egrets. Merlin identified these as Great Egrets, but the pic did not match the animals we saw, so the exact Egret variety is undetermined.





After craning our necks to awkward angles for about twenty minutes, we continued upstream a half mile to the old wooden railroad bridge, where we found a shallow beach just the right size for our five boats. Lunch was eaten, bodies were stretched, and a beautiful King snake swam by for our viewing pleasure. Chris' dog, Biorn, tried to engage the snake, but was persuaded to leave it alone.

The downstream return emphasized the day's perfect weather with many turtles basking on partially submerged logs, and several flybys of Green Heron pairs. Entertainment was provided by both Biorn and Julie's Kuma as they played Hop On, Hop Off with Chris' canoe. Turns out that keeping two large dogs constrained in a canoe surrounded by perfect swimming possibilities was harder than originally thought.

We were on the water for four hours, and four of the human members rewarded ourselves with a post paddle ice cream.

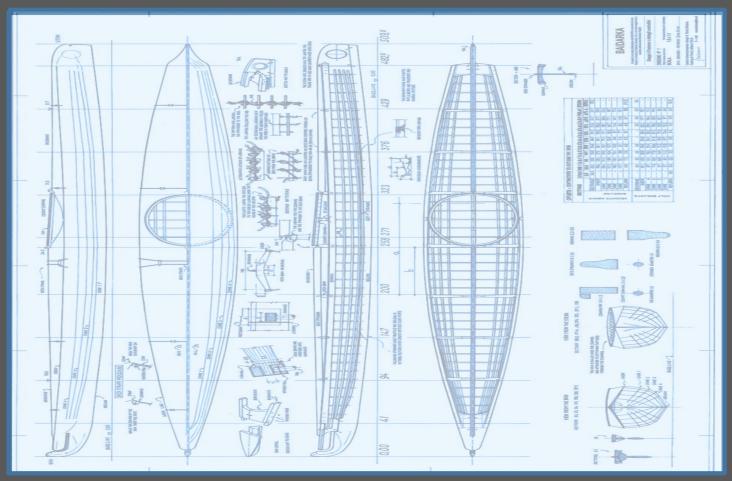
Carol Perry



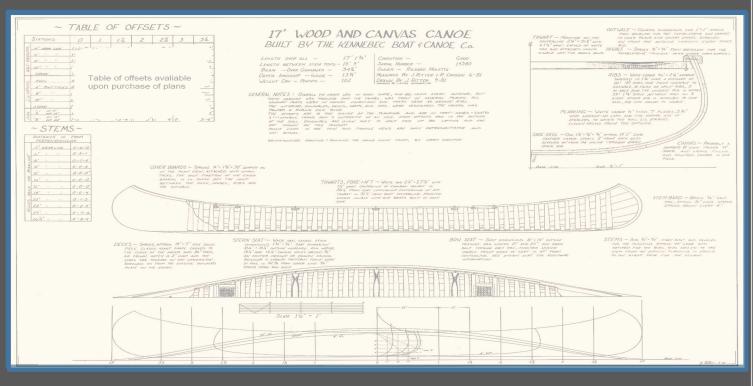




CLASSIFIEDS



LOST & FOUND



Nobody guessed where the kayak is last month so the picture stands and first member to send me the correct name of the venue below receives a new safety whistle, shown below

Send your answer to keith@zwrvr.net

WHERE'S THE KAYAK?







2025-2026 SNCKC Officers



• President: Chris Crain

• **Trips/VP:** Rachel Finson

• **Programs:** Debi Savoy

• **Secretary:** Margaret Arroyo

• Treasurer: Marna Duncan

• Membership: Chuck Kastenholz

• Communications: Keith Schoendoerfer

• Honorary (Founder): Kit Wegman

FIND OUR WEBSITE AT

mysnckc.org