

Chum Line



Good Sportsmanship is Worth More Than all the Fish in the Ocean

JULY 2018

LARRC DINNER MEETING SPEAKER

JULY DINNER SPEAKER

ERIKA, IN HER OWN WORDS

I am currently a graduate student working in Dr. Mark Steele's Fish Ecology Lab at California State University, Northridge. I was raised in Watsonville, California. I completed my undergrad degree at California State University, Monterey Bay in biology. My research is on unintended effects of Marine Protected Areas (MPAs). I am currently comparing fish foraging behavior within and outside MPAs in Southern California. MPAs are usually established to allow organisms and habitats to recover from anthropogenic impacts such as overfishing. As populations rebuild within marine protected areas, the higher population densities may result in resource limitation. Such competition for resources may cause increased mortality, reduced growth rates, or reduced reproduction. While establishment of MPAs has clearly been shown to benefit targeted species in terms of their size and population biomass, it is not well known how these changes affect diet and feeding behavior, as would be expected if food resources become limited in MPAs. I am evaluating whether California sheephead, which is known to have higher biomass in MPAs, is prey limited within them and is shifting its foraging behavior as a result.



**ALL RSVPs SHOULD BE SENT
TO MARK MANCULICH**

mmanculich@socal.rr.com • or text it to 818-613-6576

July 23, 2018

94th Aero Squadron

16320 Raymer St. • Van Nuys

Please state your name and choice of entrée,
and if you are bringing a guest, state your guest's
name and choice of entrée.

HAPPY FISHING - See you at the meeting

Dinner Meeting Menu

~ Salad ~

California Mixed Green Salad w/tomatoes, cucumbers and carrots,
topped with croutons, choice of ranch or Italian dressing

~ Entrée ~

- Chicken Scallopini, (lemon burre blanc sauce sautéed with mushrooms and capers) Garlic Mashed Potatoes and Seasonal Vegetables
- Roasted tri-tip of beef, Garlic Mashed Potatoes and Seasonal Vegetables
- Fresh Salmon finished with Papaya Salsa and light Beurre Blanc, Rice Pilaf, and Seasonal Vegetables

Dessert ~ Warm Apple Pie • Beverages ~ All meals include coffee,
iced tea, and iced water

\$33 per entrée

LOS ANGELES ROD & REEL CLUB FOUNDATION GRADUATE RESEARCH SCHOLARSHIP

2018-2019 Recipient Thank You

Dear Los Angeles Rod and Reel Club Foundation,

I would like to express my sincere thanks and appreciation for being selected as a recipient for the Los Angeles Rod & Reel Club Foundation Grad Research Scholarship. I am honored to be awarded this scholarship and extremely grateful for its support towards my graduate research in marine science and future career goals.

I am currently finishing my first year as a Master's student in Dr. Sandy Kawano's research lab at California State University, Long Beach. Throughout my undergraduate degree, and now my graduate career, I have specialized in studying marine biology. My current thesis will expand upon my previous experiences in biological research by utilizing multiple techniques to study fish locomotion, which many of these techniques will be directly supported through this scholarship. I will begin my experiments this summer, so I am grateful for the support from your organization to start and elevate my research at CSULB. I plan to continue my career in marine science research and education through attaining my doctorate degree following graduation in May 2020. I am very passionate about STEM education, so along with research, my long-term career goal is to attain a tenure-track faculty position at a university.

Once again, I am extremely honored for being awarded this scholarship, and I am grateful for the generous graduate support from the Los Angeles Rod & Reel Club Foundation. This will accelerate my studies, research, and skills and bring me one step closer toward attaining my career goals and ambitions in marine science.

Sincerely,
Kevin Travis



Earn Money for LARRC Foundation By Shopping at Ralphs!

Here's How:

Step #1: Enroll in the Ralphs Reward Program if you are not currently enrolled.

Step #2: Print out this page and take it with you the next time you shop at Ralphs.

Step #3: At check-out, have the LARRC barcode swiped by the cashier together with your Ralphs Rewards Card/phone number.

Notice: The Ralphs LARRC Barcode needs to be swiped only once to link your Rewards Card to LARRC. Future shopping trips will help raise money for LARRC when you use your Ralphs Reward Card at check-out.



Los Angeles Rod & Reel Club Marine Biology Grant Proposal Form

1) Project Title

Walking with cartilaginous fins: integrating engineering, biology, and mathematics

2) Statement of Problem

The water-to-land transition was one of the greatest transformations in vertebrate evolution, leading to morphological diversity driven by new ecological opportunities (1). As these early invaders began to permeate past the waterline, the physical disparities from water to land environments imposed extreme functional barriers for effective locomotion (2). For example, gravitational loads on land impose greater stresses to bones than underwater where buoyancy provides weight support. This led to a prevailing theory that strong skeletal elements were required to mediate the physical demands of becoming terrestrial. Although this may have impacted early tetrapod evolution, amphibious behavior in fishes has independently evolved in over 30 families (3). Among the scant literature on amphibious fin bones, one study found that bone strength in the amphibious *Polypterus* fish was comparable to terrestrial mammals (4), suggesting skeletal properties may be closely tied to an organism's ecology. Yet, some amphibious fishes have cartilaginous skeletons which cast doubt that bones are the only skeletal material that can support weight onto land. In addition, skates and rays that use a 'walking-like' motion along the seafloor have fins as strong as mammalian limbs (5); so, cartilage may also accommodate terrestrial demands. Considering the central paradigm that strong bones are required for terrestrial locomotion, it is pertinent to broaden analyses to other skeletal materials to determine the minimum requirements of moving onto land.

The epaulette shark (*Hemiscyllium ocellatum*)—an intertidal demersal shark found in the Indo-Pacific—is an intriguing study species because it evolved an amphibious lifestyle from a cartilaginous, marine lineage. During low tides, it emerges onto exposed reef flats to search for food in adjacent tidal pools. Moreover, it uses a salamander-like walking gait that may resemble tetrapod-like fishes during the Devonian (6). To determine how *H. ocellatum* uses its cartilaginous skeleton to accomplish a behavior that has primarily been credited to bony skeletons, I will integrate a range of empirical and theoretical techniques to produce a computational model of how cartilaginous fins support body weight on land. By investigating the locomotion of a cartilaginous fish with a salamander-like gait, I will fill a

gap in our understanding of the relationship between form, function, and ecology in amphibious species. These analyses will also highlight a new perspective on the adaptive mechanisms associated with extreme ecological niches that contain highly fluctuating environmental conditions.

3) Objectives

In my first specific aim, I will quantify the mechanics of underwater and terrestrial walking in epaulette sharks through in vivo experiments. Specifically, I will evaluate how epaulette sharks modulate their fin movement and adjust to external forces for locomotion in different water immersion depths that simulate aquatic, semi-aquatic, and terrestrial environments.

In my second specific aim, I will evaluate the mechanistic link between skeletal stiffness and locomotion in amphibious and aquatic fishes. I will investigate how skeletal strength correlates with locomotor performance between a set of amphibious fishes (epaulette sharks, *H. ocellatum*; mudskippers, *Periophthalmus* sp.; and birchirs, *Polypterus* sp.) and aquatic fishes (bamboo sharks *Chiloscyllium* sp., horn shark *Heterodontus francisci*, frogfish *Antennarius* sp.).

Lastly, in my third specific aim, I will estimate the locomotor stresses imposed upon the fins of epaulette sharks by collating the above described data on the kinematics and kinetics of paired fins, the mechanical properties of those fins, and their muscle anatomy into a mathematical model. In particular, I will be modifying a previous musculoskeletal model built for salamander walking and then comparing the locomotor stresses from the epaulette shark to previous salamander data due to their similarities in walking gaits.

4) Approach

Aim 1. To quantify the mechanics of underwater and terrestrial walking in epaulette sharks, I will use in vivo experiments to assess how epaulette sharks alter their fin movements and adjust to ground reaction forces during aquatic and terrestrial locomotion. Along a custom-built trackway, I will use 3D high-speed cameras to track the kinematics (movements) of paired fins as each individual walks across a 3D force platform that will simultaneously record kinetics (forces). There will be three trials to simulate various immersive water levels: completely submerged (fully immersed), midway submerged (midpoint of trunk immersed), and unsubmerged (residual to no immersion).

Aim 2. In order to relate skeletal strength to locomotion in amphibious and aquatic fishes, I will apply engineering

methods to evaluate how skeletal strength correlates with the locomotor mode. In particular, the ultimate bending strength of relevant skeletal elements in the pectoral and pelvic fins of each species will be tested *ex vivo* via four-point bending using a MTS Criterion C41 Electromechanical Universal Test System (MTS Systems Corporation, Eden Prairie, MN, USA). For each trial, the skeletal element will be tested to failure and visualized through a load-displacement curve to estimate the stiffness, ultimate strength, and failure point. I will compare the failure of the structures across amphibious fishes (*H. ocellatum* from Aim 1, mudskippers *Periophthalmus* sp., bichirs *Polypterus* sp.) and aquatic fishes (bamboo sharks *Chiloscyllium* sp., frogfish *Antennarius* sp.).

Aim 3. To estimate the locomotor stresses imposed on epaulette shark fins, I will quantify the stresses experienced during terrestrial walking in epaulette sharks *in silico* by building upon a mathematical model designed to analyze salamander walking (7). The input for the model will include data on the epaulette shark from Aim 1 (kinematics, kinetics), Aim 2 (mechanical properties), and muscle anatomy (physiological cross-sectional area) (Fig. 1). Analyses of data will be done through a custom code in MATLAB to calculate locomotor stresses. These estimated locomotor stresses on the epaulette shark will be compared to a previous study that utilized this biomechanical model on salamander locomotion (7)

5) Importance of Proposed Research

The epaulette shark is a unique opportunity to study adaptive mechanisms associated with colonizing a novel ecological niche. Understanding fish tolerance along the intertidal and sub intertidal zones is especially pertinent when considering the increasing threat of sea level rise due to global climate change. Marginal habitats, such as reef flats, are considered to be especially threatened in the years to come. Many species that thrive in these habitats have specialized adaptations for adjusting to extreme environmental fluctuations. As the only intertidal shark species that can survive and function out of water, understanding the specific musculoskeletal and behavioral changes of the epaulette shark could provide a better understanding of how fish will tolerate extreme environmental changes. Previous studies have primarily focused on understanding the epaulette shark's high tolerance towards hypoxic and low pH waters while still retaining basic neurological and metabolic functions (8)(9). However, the mechanisms by which the shark can effectively move between these two environments with cartilaginous fins has been largely understudied. Thus, this study may provide additional insight into what physiological and behavioral adaptations are necessary to tolerate increasing sea surface levels.

References: (1) E. M. Standen, T. Y. Du, H. C. E. Larsson. *Nature*. 513, 54–58 (2014). (2) T. J. Ord, G. M. Cooke. *Evolution*. 70, 1747–1759 (2016). (3) G. M. Erickson, J. Catanese, T. M. Keaveny. *Anat. Rec.* 268, 115–124 (2002). (4) L. J. Macesic, A. P. Summers. *J. Exp. Biol.* 215, 2003–12 (2012). (5) P. A. Pridmore. *Zoology*. 98, 278–297 (1994). (6) S. M. Kawano, D. R. Economy, M. S. Kennedy, D. Dean, R. W. Blob. *J. Exp. Biol.* 1242, 341–353 (2016). (7) S. M. Kawano, R. W. Blob. *Integr. Comp. Biol.* 53, 283–294 (2013). (8) G. Wise, J. Mulvey, G. Renshaw. *J. Exp. Biol.* 281, 1–5 (1998). D. Heinrich, et al. *ICES J. Mar. Sci.* 73, 633–640 (2015).

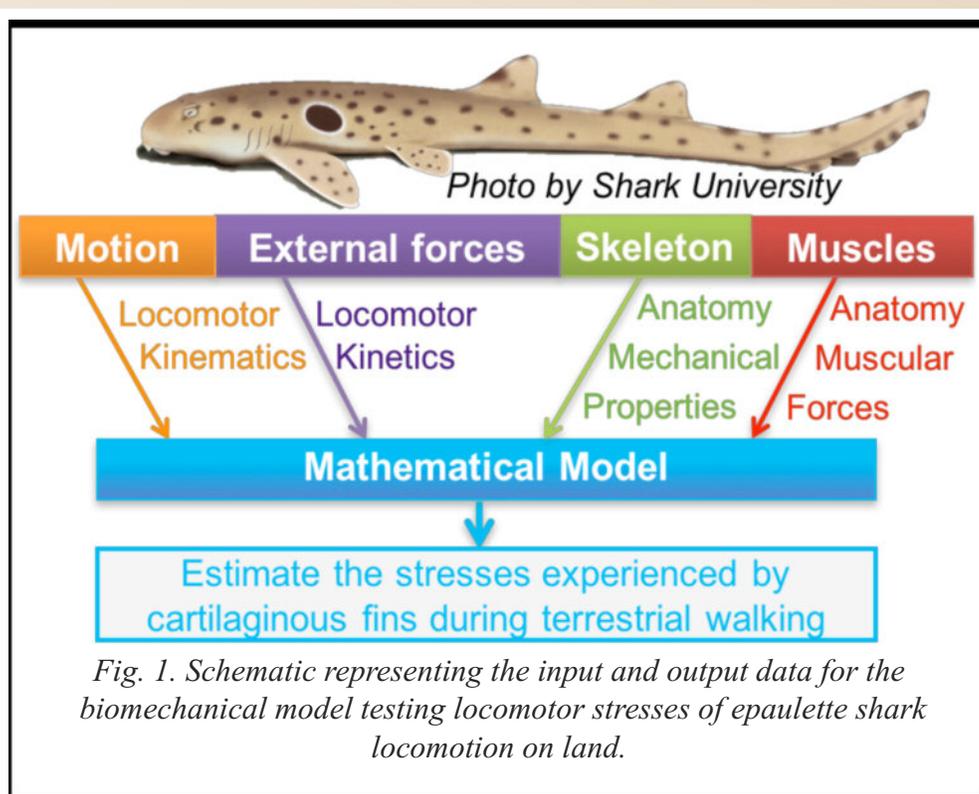


Fig. 1. Schematic representing the input and output data for the biomechanical model testing locomotor stresses of epaulette shark locomotion on land.

6) Budget

Item(s)	Cost	Funding acquired	Funding needed	Funding request from LARRC
100-gal Custom Fish Tank	\$500	N/A	\$500.00	\$500.00
Robust Fish Tank Stand	\$50.00	\$50.00	N/A	N/A
Aquaria Heater	\$200.00	N/A	\$200.00	\$200.00
Overhead Lights	\$200.00	N/A	\$200.00	\$200.00
Aquaria Supplies	\$300.00	N/A	\$300.00	\$300.00
Tank Pad and Insulation	\$225.00	N/A	\$225.00	\$225.00
CSULB Vehicle Fuel	\$100.00	N/A	\$100.00	\$100
Additional Specimens	\$750.00	N/A	\$750.00	\$750.00
Total	\$2,325.00			\$2,275.00

Budget Justification:

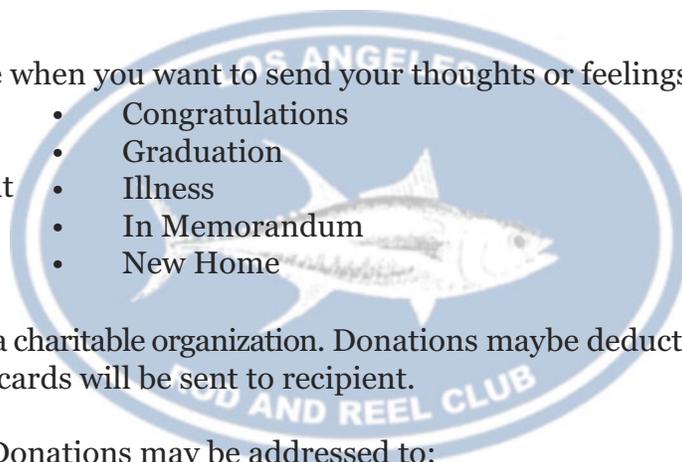
If awarded support from the Los Angeles Rod & Reel Club Marine Biology Grant, funds will be directly spent on the husbandry of epaulette sharks. The major equipment (e.g. high-speed video cameras, force platform, mechanical testing machine, and CGI-capable computer) needed to conduct the proposed work is being provided by my thesis adviser, Dr. Sandy Kawano, through lab start-up funds. Consequently, the majority of the research expenses have been offset by existing resources provided by my thesis adviser. In addition, Dr. Kawano and I have developed a collaboration with the Aquarium of the Pacific (AoP) in Long Beach, California to incorporate their captive breeding program of epaulette sharks into my research project. Over the duration of the project, individual sharks will be transported from AoP to CSULB and housed in Dr. Kawano’s lab for locomotor trials (Aim 1). Since this is the first project in the lab to incorporate marine fish, the supplies listed above will aid in the husbandry set-up and care of sharks. Additionally, the majority of materials listed above, such as the 100-gallon fish tank, aquarium heater, and timed aquarium lights, will be used in future fish and aquatic studies in Dr. Kawano’s lab. Lastly, for mechanical testing experiments across amphibious and aquatic fishes (Aim 2), the acquisition of additional specimens may be needed if our sample size is not sufficient through donations only.

Los Angeles Rod & Reel Club Foundation

Tribute Opportunity

Tribute Cards are available when you want to send your thoughts or feelings for –

- Anniversary
- Appreciation
- Baby Announcement
- Bar/Bat Mitzvahs
- Best Wishes
- Congratulations
- Graduation
- Illness
- In Memorandum
- New Home



Your LARRC Foundation is a charitable organization. Donations maybe deducted. Tributes will be posted in the Chum Line. Tribute cards will be sent to recipient.

Information Request and Donations may be addressed to:

Mrs. Tammy Steinman, 5826 Ostrom Avenue, Encino, CA 91316 • 818-987-2645 • 818-345-6104 Fax tammy2508@socal.rr.com

LARRC Family Picnic

The annual Family Picnic of the LARRC took place on Sunday June 3rd at the Maid Marion Park by the shores of Lake Sherwood. The weather gods cooperated and blessed us with a sunny day in the low 80's tempered by a light breeze. The fish cooperated for the most part throughout the day. Gigantic bluegills munched avidly on meal worms suspended by a floater in the cove on the side of the park. The bite was interrupted for a while by a pesky local Labrador who took a swim and scattered the fish. There was pretty steady action throughout the day with the largemouth bass that lurked around the boat docks and adjacent to the shores of the nearby islands. Yamamoto rubber worms bounced slowly along the bottom was one effective way to garner hook ups.



Beautiful Lake Sherwood

Paul Varenchik (aka "Mr. Calabasas Custom Catering") and Steve Simon served up a barbecue feast of mesquite roasted tri tip, ribs, pulled pork, chicken, white sea bass, yellowtail, salmon, veggie burgers, and hot dogs, accompanied by Caesar salad, fruit salad, baked beans, and chips and salsa. Apple pies, cherry pies, chocolate rugelach, and cookies were available for desert. There was ample shade under the mature live oaks where the tables were set up to enjoy the barbecue and schmooze. Everyone appreciated the opportunity to spend an afternoon outside in a lovely setting by the shores of a beautiful lake in the Santa Monica Mountains. For some of the kids, it was their first time to catch a fish!

Special thanks go to Mark Manculich, Bob Baldwin, Richard Stone, and Steve Simon who helped haul the tables and chairs for the event and helped set up and clean up. The venerable Steve Simon, in addition to working as a sous chef, arranged for the club rods and reels to be available. Finally, the LARRC wishes to thank Jerry and Claire Weissman, who sponsored the event.



Gene Goss catches his first fish with his Grandpa (John Goss).



Kids having fun stacking blocks



David Feit with a nice bluegill!



Michael Dickter with grandson fishing the docks



Mark Manculich with one of the 15 large mouth bass he landed that day!



Dante Stennis with his first fish ever and ON HIS BIRTHDAY!!!



Shari Manculich with her bucket mouth!



Dante Stennis with his first bass

ENVIRONMENTAL MATTERS

Submitted by Eric Rogger

◆ ABOUT THE NETS...

Few, if any, of our club members utilize nets when they go fishing but what happens in the commercial industry affects us all. Efficient nets result in a lot of by-catch. The ability of the targeted species to allow the release of “spawners” is greatly hampered. A recent document, published by the PEW Charitable trust, tells of a severely impacted Atlantic Bluefin fishery due to “improper management”. They note that sales of this species, which could see \$800 million a year is at risk. NOAA has been introducing new requirements to stabilize this fishery including long line, hook strength, etc. requirements. Regulations have also been imposed (2015) by restrictions on areas fished during spawning seasons.

◆ OF INTEREST...

Of interest also is a memo (4/2018) from, the University of Tokyo. They have researched the behavior of bluefin and found that they gravitate towards the center of nets. This has led them to place a second net with a bigger mesh in the center of the larger nets. This allows smaller fish to escape through the smaller meshed net which can open and close. More at home The Outdoor Wire tells of new legislation sponsored by Senators Dianne Feinstein, Kamala Harris – both of California – and Senator Shelley Moore Capito of W.VA. They introduced S.2773 called the Driftnet Modernization and Bycatch Reduction Act. This will phase out mile long drift gillnets by 2020. In case you want to contribute to this cause, sponsored in part by the ASA (American Sportfishing Assn) which gives American Anglers a voice in policy directions. www.asafishing.org

◆ **ALL ABOUT SALMON**-Alaska’s Bristol Bay Pebble Mine - We reported in the May issue of Chumline on happenings at this most productive salmon area of the planet. It was under

threat due to pollution created by a major mineral project. Good News! A fourth major mining company has pulled out of this project because of the massive environmental impact this would have caused. This was just reported in National Fisherman (8/18) The magazine also reports that the 2018 Alaska salmon forecast calls for a total of 149 million fish, which is down 34% from last year. These are numbers for the commercial fishery.

◆ **ALL ABOUT THE ALBACORE** I can tell you from personal experience – Albacore trips used to be one of the most fun and productive trips ever! Where have they been? It’ll take a real scientist to answer that one but the National Fisherman, a magazine for commercial fishermen, has this news that might be of interest to you! According to the Western Fishboat Owners Assn. (Redding, Calif.) 2017 was “a pretty slow” season. The harvest came in significantly lower than the 20 year average. It was down about 40%. Ocean temperatures?

◆ FINALLY THE LAST PARAGRAPH

Most of us like to have that splendid’ healthy tunafish sandwich. Did you notice Michael Hiltzik’s column in the LATimes 5/27? It seems that Bumble Bee and Chicken of the Sea – two major tuna packers – announced a merger in 2014 which the Justice Department did not let happen. A routine antitrust investigation exposed a major price fixing scandal. Bumble Bee and Chicken of the Sea executives pled guilty in 2016 and 2017. Bumble Bee agreed to pay a fine of \$25million etc. etc. Starkist apparently was not in the “deal”. It should be pointed out that the article’s main purpose was to point out the decreasing number of white collar prosecutions in the US.

Comments or contributions would be welcome:
Eric Rogger wstridge@aol.com



805-496-7332

www.malibufishtackle.com

3166 E. Thousand Oaks Blvd.
Thousand Oaks, CA 91362

Tom Trainer

Health and Happiness

Linda Simon is our contact for "Health and Happiness" - please contact Linda either by phone (818-980-7470) or email (simonmurphy08@sbcglobal.net) for any information about our club members/family - i.e., happy or sad news; health issues; graduation or congratulations, etc.

SEA STEWARDS GRANT

The 2 year joint venture with Larry Brown and Marina Del Rey Anglers has come to a successful conclusion. You can read Larry's summary below. Thanks to all who participated in making this project a success.

Chas Schoemaker

Hi Evyan,

I hope you are well and enjoying our beautiful California summer and coast. I am pleased to announce we have completed all phases of our MDRA Sea Stewards Kids and Veterans Fishing Grant project.

It has been an honor and pleasure working with you and all of our partners to plan and execute this grant and project. We successfully completed 30 fishing and mentoring excursions for our targeted audiences. Of the 30 excursions, we conducted 22 kids fishing trips hosting a total of 898 underserved youth and their counselors. These youth fishing trips enlisted 380 volunteers who dedicated 2,472 hours of volunteer time. We also conducted 8 fishing trips for 168 disabled veterans from various inpatient and outpatient programs at the west Los Angeles VA Center. These veterans fishing trips required 65 volunteers who dedicated 481 hours of volunteer time. These children and disabled veterans have very limited access to coastal recreational programs and learning opportunities due to their socio-economic demographics and physical disabilities, respectively.

We are very grateful for all of the help and partnerships forming the village to make all of this possible. Special thanks to the great kids and veterans for sharing a day with us and committing to become the best possible stewards of our oceans. Thanks to SCC, NOAA, all of the nonprofit youth groups, MDRA, LARRC and all of the volunteers and supervisors. It took a ton of work and we should all be very pleased and proud of the outcome.

I look forward to more opportunities to work with the California State Coastal Conservancy and NOAA on grants to implement worthy and mutually agreeable goals and objectives.

Thanks and happy fishing,
Larry

CALENDAR

Board Meeting

JULY 16, 2018

Social Hour: 6:00pm Meeting: 7:00pm

Millie's Restaurant

16840 Vanowen Street, Van Nuys, CA 91406



DINNER Meeting

JULY 23, 2018

Social Hour: 6:00pm Meeting: 7:00pm

94th Aero Squadron

16320 Raymer Street, Van Nuys, CA 91406

PLEASE NOTE THAT THE BOARD OF DIRECTORS HAVE DECIDED THAT MEMBERS WHO DO NOT RSVP BY 12:00 NOON ON THE SUNDAY PRIOR TO THE MEETING WILL BE ASSESSED \$5.00 FOR AN EXTRA SET OF RAFFLE TICKETS. ADDITIONALLY, MEMBERS RESPONDING TOO LATE MAY NOT BE ABLE TO ORDER THEIR CHOICE OF ENTRÉE.



SAVE THE DATES

2018

AUGUST 6, 2018

Marine Mentors' Trip on Betty O

AUGUST 29, 2018

Veteran's Trip

OCTOBER 24, 2018

Veteran's Trip

NOVEMBER 14, 2018

Veteran's Trip

TO BE DETERMINED

Marine Mentor's Trip on Aloha Spirit

We Do Make A Difference

Fishing and Environmental Updates

1. Saving Coral Reefs

Below is a letter from Joanie Steinhaus to Larry Brown regarding Saving Coral Reefs. We have the power to make change if everyone does his or her part. Lets see what other changes we can make!!!

Lawrence,

Your voice made a difference in protection of deep-sea coral reefs in the Gulf of Mexico!

On June 21st members of the Gulf of Mexico Fishery Management Council voted to designate 21 sites, or 484 miles of reef, throughout the Gulf as Habitat Areas of Particular Concern.

This designation would limit bottom-tending fishing gear such as, traps, anchors, longlines and trawls that are extremely damaging to reefs that may be thousands of years old.

Hook and line fishing and trolling will be allowed in these areas because these types of fishing do not impact deep sea coral.

Turtle Island Restoration Network supporters submitted over 3,100 comments in support of this protection, and the Fishery Management Council indicated it was the number of public comments in support of this proposal that swayed their decision to vote for protection.

The designation of these 21 sites must now be approved by the U.S. Department of Commerce, and we will keep you updated if we need you to add your support again!

Thank you,

Joanie Steinhaus,

Gulf of Mexico Program Director

Turtle Island Restoration Network

2. Pivotal Changes in Federal and State Ocean Policy

California's Fish and Game Commission breathes new life into the state's Marine Life Management Act (MLMA) while the nation's executive branch scuttles the National Ocean Policy (NOP)

One step forward, two backward.

Last week California's Fish and Game Commission (Commission) sanctioned a streamlined version of California's Marine Life Management Act. Since 1999, the MLMA has provided ground breaking fishery management policy. However, in the intervening decade plus, funding this undertaking has proved daunting. In a visionary response, California Department of Fish and Wildlife (DFW) Director, Chuck Bonham, tapped Dr. Craig Shuman, the Department's Marine Region Manager, with crafting a "MLMA light." The new iteration provides a framework that makes the act more "do-able," while maintaining the same basic strengths of the original: a major step forward for California resources. Both Craig and Chuck realized that with streamlining, the new MLMA "light" provided a responsible alternative to the ever present threat of strictly "crisis" management. Stakeholder input proved to be a big part of the project. In a unanimous decision the Commission enabled this responsible approach.

Two steps back.

Much like our nation's terrestrial management model, Presidents George W Bush and Barack Obama both saw the wisdom of establishing a federal Ocean Policy to provide a framework for areal ocean management. Each, through executive order, outlined and refined guidelines, then passed responsibility for implementation of this National Ocean Policy on to coastal states. Similar to federal fishery management Councils, regional bodies were also tasked with providing the expertise necessary for such a comprehensive approach to management.

Last Tuesday the current occupant of the Executive Office scuttled the United States' National Ocean Policy.

MEMBERSHIP NEWS

We have received a new member application from **Andrew Ratzy** from Calabasas. He has met the requirements for membership and he is looking forward to becoming a member!

HUGE YELLOWTAIL BONANZA AT ALIJOS BANKS

By Fisherman Phil

On Larry Brown's 7-day June angling adventure aboard the Royal Star, there was a bonanza of huge yellowtail at the famous Alijos Rocks and nearby Alijos Banks. Captain Randy decided to make the 530 mile, 2 day journey because code group fishing intel indicated there was excellent action on quality yellows in that zone.

We left San Diego on Saturday and arrived at Alijos on Monday morning. Larry always has a ton of SWAG from his 30 generous sponsors for his raffles and this time was amazing. Everybody got at least 6 items in the "FREE" general raffle including tee shirts, hats, jigs, mono, spectra, flourocarbon, shorts, pliers, knives, mugs, books, discount coupons for fish processing, and much more. Then he conducted a "buy-in" raffle to award the really high end items like reels from Avet, Diawa and Lews, rods from Phenix, Costa sunglasses, a Body Glove wet suit, pairs of Xtratuff boots, high end jackets from Avet and Phenix, Aftco fighting harnesses, a set of 4 Nomad wahoo trolling lures, a Chuck Byron print, Steve Abel high tech travel duffles, tackle box systems and large bulk spools of Diawa J-Braid and Phenix spectra. We collected \$1,960 for our veterans fishing programs. Larry assures LARRC will get its fair share.

The first and second day of fishing was slow for some, but very productive for a few. We caught a smattering of Yellows but the majority of Yellows were between 20 and 47 lbs. We also caught some huge white fish, sheepshead, and starry rockfish while dropper looping for Yellows. One big grouper was also caught. The bonanza broke out on Wednesday at Alijos Banks. Anglers caught big yellows from 25 to 49 lbs in a flurry of action. Most of the Wednesday fish were over 30 pounds and 12 anglers caught their personal best Yellowtail. The quality and quantity of Yellows was amazing. The average take home was 10 to 15 fish per angler. The only other boat in the area was the Independence.

Most anglers preferred a dropper loop setup with a 5/0 to 7/0 J- hook and 16 oz. weight. A 1 or 2 ounce sliding sinker with a 2/0 to 4/0 hook was also effective. The water was 60 to 70 fathoms so yoyo jigs were very tiring but those few anglers that worked it all day scored the best numbers. I caught 1/3 of my 11 fish on a yellow and green JRI Stinger jig, 1/3 on a sliding sinker set up, and 1/3 on the dropper loop. Larry caught all of his daytime yellows on the yoyo and a few nighttime fish on the dropper.

On Friday, the last day of fishing, we hunted for the elusive bluefin tuna in water off the Northern Baja coast. We made 10 stops on large schools of tuna but they would not bite. We saw free-swimming tuna under the boat and jumping on our chum but they would not bite a hooked bait. When they start to bite it should be epic.

Captain Randy was terrific at finding us fish and fishing until the last possible moment that time would allow. The crew members, Paul, Diego, Ryan, and Adriel were very professional and very helpful mentoring us individually if we needed assistance. The cuisine was 5-Star gourmet prepared by Chefs Cameron and Alex. Each night was a fabulous adventure in dining. Salmon, prime rib, steak, fresh caught yellowtail and rack of lamb were some of the delicious dinners. A bonus was the vocal duet of Fisherman Phil and Chef Alex who brought his guitar. We had a great time in the evening singing together some oldies and original tunes by Phil.

If you are interested in other Larry Brown charters or hiring Fisherman Phil and Alex for one of your gigs please contact Larry at larrybrownxx@gmail.com or Phil at shalvah@aol.com



Los Angeles Rod and Reel Club Foundation & AmazonSmile

What is AmazonSmile?

AmazonSmile is a simple and automatic way for you to support your favorite charitable organization every time you shop, at no cost to you. When you shop at smile.amazon.com, you'll find the exact same low prices, vast selection and convenient shopping experience as Amazon.com, with the added bonus that Amazon will donate a portion of the purchase price to your favorite charitable organization. You can choose from nearly one million organizations to support.

How do I shop at AmazonSmile?

To shop at AmazonSmile simply go to smile.amazon.com from the web browser on your computer or mobile device. You may also want to add a bookmark to smile.amazon.com to make it even easier to return and start your shopping at AmazonSmile.

Which products on AmazonSmile are eligible for charitable donations?

Tens of millions of products on AmazonSmile are eligible for donations. You will see eligible products marked "Eligible for AmazonSmile donation" on their product detail pages. Recurring Subscribe-and-Save purchases and subscription renewals are not currently eligible.

Can I use my existing Amazon.com account on AmazonSmile?

Yes, you use the same account on Amazon.com and AmazonSmile. Your shopping cart, Wish List, wedding or baby registry, and other account settings are also the same.

How do I select a charitable organization to support when shopping on AmazonSmile?

On your first visit to AmazonSmile (smile.amazon.com), you need to select a charitable organization – **Los Angeles Rod and Reel Club Foundation** - to receive donations from eligible purchases before you begin shopping. We will remember your selection, and then every eligible purchase you make at smile.amazon.com will result in a donation.





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Hi Members,
If you would like to be added to Larry Brown's Long Range Fishing Newsletter email list, just click on this red link for **Larry's Newsletter** and click on the All Anglers option. There is an easy UNSUBSCRIBE button at the end of each of his newsletters if you later decide to stop receiving it.

CHARTERS 2018

DATE	DESTINATION	AVAILABILITY	CONTACT
Jul 25 - Jul 30	Baja Fishing Convoys 6 Day trip to Cedros! Price includes van transportation from Brown Field to Ensenada and flight from Ensenada to Cedros and accomodations at the Zammar Palace	SOLD OUT Cost: \$2090.00 Wait List	Call John Ballotti 310-995-3592 johnballotti@gmail.com
Jul 28 - Aug 4	Intrepid Seven Day Trip! Permits included and no fuel surcharge Albacore?, Bluefin, Yellowfin, Yellowtail, Dorado Leaves on a Saturday, so no traffic.	SOLD OUT Cost: WAIT LIST	www.fishintrepid.com Call Steve 619-224-4088
Aug 4- Aug 6	Pacific Dawn 2 Day This is a club charter, so sign up with Mark ASAP Estimated cost will be around \$775 and will be confirmed early 2018	OPEN Estimated Cost: \$775	Call Mark Manculich 818-613-6575
Aug 18- Aug 24	Red Rooster Six days on the amazing Red Rooster This is a shared charter, so let's get the LARRC guys to grab the remaining spots.	2 SPOTS OPEN Cost: \$2,495.00 Contact Larry or Christina for Updates	www.redrooster3.com Call Christina 619-224-3857
Sep 29- Oct 6	Royal Star This is a seven day trip. Great Fall Fishing Leaves and returns on a Saturday. Guadalupe Island?	SOLD OUT WAIT LIST	www.royalstarsportfishing.com Call Tracy 619-224-4764
Oct 27 - Nov 6	Intrepid Ten days on the Intrepid. Leaves on a Sunday Big variety of fish at the Ridge and Alijos Rocks. Tuna, Dorado, Wahoo, Yellowtail and Grouper	SOLD OUT WAIT LIST	www.fishintrepid.com Call Steve 619-224-4088
Nov 30- Dec 1	Pacific Dawn Departs 10pm Nov. 30 , returns 7pm Dec.1 An early winter trip out of Ventura Harbor	OPEN Cost: \$280 Light Load of 17	Call Mark Manculich 818-613-6575 mmanculich@socal.rr.com

NOTE:

LARRC members signing up for club charters are obligated to pay full fare in the event they cannot make the trip. The club will attempt to fill your space and you may try to do the same in a timely manner. There may be surcharges this year based on fuel price increases. Bunks are assigned by the charter master in order received. So book early! If you have any special needs please make the charter master aware of them at the time of booking.

Contact Mike Hartt or Ted Feit

LARRC Club Charters in **BLUE** Larry Brown Shared Charters in **GREEN**

Malibu Fish'n Tackle, Tom Trainer Shared Charters in **ORANGE**

TROPHY CONTENDERS 2018

As of June 30, 2018

SPECIES **LINE** **ANGLER** **LBS.** **OZ.**
TEST

MEN'S OCEAN WATER

Lingcod	30	Chas Schoemaker	16	8
Sheephead	20	Scott Schiffman	13	10
Sheephead	30	Joel Steinman	13	4
Snook	12	Earl Warren	10	2
White Sea Bass	60	Allen Brodetsky	64	8

MEN'S FLY ROD

Bass, Sm Mouth	8	Rob Baldwin	5	7 *
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MEN'S FRESH WATER

Bass, Lg Mouth	6	Andy MacDonald	6	4
Bass, Lg Mouth	17	Joel Steinman	4	13 *
Bass, Sm Mouth	6	Rob Baldwin	6	8 *
Bass, Striped	4	Scott Schiffman	7	15
Bass, Striped	6	Scott Schiffman	8	13
Gar Fish	17	Joel Steinman	2	2 *
East Pickerel	17	Joel Steinman	1	9 *
Trout, Rainbow	4	Earl Warren	9	2

MEN'S RELEASED

Marlin, Black	100	Kevin Boyle	2	Released
Tuna, Dogtooth	100	Kevin Boyle		Released

WOMEN'S OCEAN WATER

Tuna, Yellowfin	60	Sophia Huynh	160	0 *
White Sea Bass	30	Cathy Needleman	27	0
White Sea Bass	30	Cathy Needleman	24	0
White Sea Bass	40	Cathy Needleman	48	0 *
White Sea Bass	40	Cathy Needleman	36	7 *
White Sea Bass	60	Cathy Needleman	58	2
White Sea Bass	60	Cathy Needleman	53	0
White Sea Bass	60	Cathy Needleman	37	0
White Sea Bass	80	Cathy Needleman	41	0
White Sea Bass	80	Cathy Needleman	76	1 *
Yellowtail	30	Cathy Needleman	43	0 *
Yellowtail	30	Cathy Needleman	41	0

WOMEN'S FLY ROD

WOMEN'S FRESH WATER

Trout, Rainbow	4	Pamela Warren	3	6
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WOMEN'S RELEASED

Amberjack	100	Cathy Needleman		Released
Barracuda, Greater	100	Cathy Needleman		Released
Barracuda, Yellow	100	Cathy Needleman		Released
Bass, Red	100	Cathy Needleman		Released
Bonita	100	Cathy Needleman		Released
Dorado	100	Cathy Needleman		Released
Emperor, LongMo	100	Cathy Needleman		Released
Green Job Fish	100	Cathy Needleman		Released
Marlin, Black	100	Cathy Needleman		Released
Marlin, Black	100	Sophia Huynh		Released
Marlin, Blue	100	Sophia Huynh		Released
Nannygai	100	Cathy Needleman		Released

SPECIES **LINE** **ANGLER** **LBS.** **OZ.**
TEST

WOMEN'S RELEASED, CONT.

Rainbow Runner	100	Cathy Needleman		Released
Rockfish, RedStripe	100	Cathy Needleman		Released
Rosy Job Fish	100	Cathy Needleman		Released
Sea Bass, Moari	100	Cathy Needleman		Released
Skipjack	100	Cathy Needleman		Released
Snapper, Blue Stripe	100	Cathy Needleman		Released
Snapper, Red	100	Cathy Needleman		Released
Snapper, Ruby	100	Cathy Needleman		Released
Shark, White Tip	100	Cathy Needleman		Released
Trout, Coral	100	Cathy Needleman		Released
Trout, Luna	100	Cathy Needleman		Released
Trevally, Black	100	Cathy Needleman		Released
Trevally, Blufin	100	Cathy Needleman		Released
Trevally, Giant	100	Cathy Needleman		Released
Tuna, Dogtooth	100	Cathy Needleman		Released
Tuna, Dogtooth	100	Sohia Huynh		Released
Tuna, Yellowfin	100	Cathy Needleman		Released
Wahoo	100	Cathy Needleman		Released

JUNIOR MEMBERS

Bass, Lg Mouth	6	Hayden Dickter	4	1
Trout, Rainbow	2	Brooke Warren	3	4 *
Trout, Rainbow	6	Ryan Weinstock		2Released

FIRST GAME FISH OF THE YEAR

White Sea Bass	40	Cathy Needleman	36	7
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January 3, 2018

FIRST ALBACORE OF THE YEAR

Chum Line Advertising

Do you have a business that fellow members would be interested in? If so, place an ad in the monthly Chum Line!!

Advertising Pricing

1/8 page: \$20 per month or \$240/year

1/4 page: \$40 per month or \$480/year

1/2 page: \$80 per month or \$960/year

Full page: \$160 per month or \$1920/year

Buy 12 months and get one month free!

Checks should be made payable to LARRC. The ad will be published once payment and graphics are received.

Contact Sophia (fishnsoph@gmail.com) or Donald (donald@dgoldsobel.com) for more information.

Thank you!!



Los Angeles Rod & Reel Club
c/o Michael Hartt
27475 Revere Way
Agoura, CA 91301
Email: mhartt@att.net
Phone: 818-416-1885

MEMBERSHIP INFORMATION

Contact Richard Stone at 805-501-6669
Email: richardstone@specialtyrepswest.com



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Facebook: www.facebook.com/LosAngelesRodandReelClub

Editors: Sophia Huynh (fishnsoph@gmail.com) & Donald Goldsobel (donald@dgoldsobel.com)

2018 OFFICERS

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Vice President	Ted Feit
Secretary	Mark Manculich
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Historian	Mark Manculich

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Richard Stone	Mark Manculich
Michael Hartt	Ted Feit
Joe Mahfet, Jr.	Dave Morgan
John Ballotti	Keith Heerd
John Goss	

2018 FOUNDATION TRUSTEES

Chas Schoemaker, *Chairman*

Cathy Needleman	David Levinson
Sophia Huynh	Joel Steinman
Michael Godfrey	Scott Schiffman

2018 COMMITTEE CHAIRPERSONS

Annual Picnic	Ted Feit
Apparel	Steve Simon
Awards Banquet 2018	Michael Hartt
By-laws and Legal	Randy Sharon
Charters	Michael Hartt
Chum Line Editors	Sophia Huynh & Donald Goldsobel
Communications	Scott Schiffman & Michael Godfrey
Dinner Meetings	Michael Godfrey
Dinner Speakers	John Ballotti
Elections	Mark Manculich
Environmental Affairs	Eric Rogger
Fishing Records	Joel Steinman
Fly Fishing	Rob Baldwin
Health and Happenings	Linda Simon
Membership	Richard Stone
Raffles	Scott Schiffman & Emilio Rebollar
Surf Fishing	Nick Ekdahl
Tax Consultant	Sherwood Kingsley
Trips:	
Kids' Fishing Trip	Steve Simon
Louis Berke Trout Derby	Steve Simon
Bill Alpert King of the Club	John Ballotti & Chas Schoemaker
Frank Polak Marine Mentors' Trip	Scott Schiffman
Veterans' Trip	Steve Simon
Trophies	Sophia Huynh
Webmaster	Scott Schiffman
Yearbook	Michael Hartt