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## Dewees Sabbatical Project



*West Coast South Island of New Zealand  
Photo by Chris Dewees*

Marine Fisheries Specialist Chris Dewees will be on sabbatical September 1 through May 31, 2006. He will continue his research on New Zealand's Quota Management System (QMS). Marine Advisor, Rick Starr will serve as *Sea Grant Fisheries* editor in Chris' absence. Rick's phone and email are: 831-771-4442, [starr@mlml.calstate.edu](mailto:starr@mlml.calstate.edu).

Here is a summary of Chris' sabbatical project.

1. Re-interview as many as possible of his original Auckland area sample of 62 fishing businesses to determine their current situation and long term perceptions of their QMS experience. They were previously interviewed in 1987, 1995, and 1999.

2. Follow up on interviews completed during 1995 with Maori tribal business managers and others to learn how they are utilizing their quota. This is especially timely now that legislation

has passed to proceed with allocation of quota directly to the tribes (*iwi*). Maori now have more than 50% of New Zealand's fishing quota assets.

3. Interview a representative sample of relatively new entrants to the QMS to learn how the "next generation" enters and fares in the fishery.

4. Organize a study tour in New Zealand by fisheries leaders (industry, managers, and others) to learn first hand about the New Zealand QMS experience. These people are currently grappling with issues of QMS design, marine reserves, and ecosystem management. Much would be learned by spending 7-8 days visiting with New Zealand managers, industry representatives, recreational groups and others.

Chris plans to keep readers of this newsletter updated with reports from New Zealand. Upon his return, he will disseminate his findings widely through trade journals, presentations, discussions, and journal articles.



*New Zealand flounder quota owner at work  
Photo by Chris Dewees*

## CalCOFI 2005 Conference

The 2005 California Cooperative Oceanic Fisheries Investigations (CalCOFI) Conference will be held in Sumner Auditorium at Scripps Institution of Oceanography, December 5-7. The symposium of the conference is entitled "CalCOFI: The Sum of the Parts" and will spotlight the achievements of programs associated with CalCOFI. Registrations and abstracts are currently being accepted. All information regarding the conference, including registration forms and deadlines, can be found at the CalCOFI conference website: <http://www.calcofi.org>

## Update on Collaborative Nearshore Fish Project



*Rockfish with tag  
Photo by Rick Starr*

In our Spring issue we reported that the UC Cooperative Extension Sea Grant Program and Golden Gate Fishermen's Association (GGFA) were working with the Coastside Fishing Club and other Bay Area anglers to catch and tag fish at Duxbury Reef, near Bolinas, California. The goal of this collaborative research project is to learn more about the movements of fishes in this heavily fished area.

Over 4200 fish were caught by volunteers and tagged during June. Recreational rockfish season opened July 1 and we had 42 tag recaptures for the month of July, including 37 black rockfish, four lingcod, and one brown rockfish. Most were caught in the same area as they were released, between Duxbury Reef and Double Point. However, one black rockfish made its way six miles southeast from Duxbury Reef to Rocky Point.

Thanks again to all the volunteers who made this project possible. Unfortunately, we have still been getting tag returns with just the tag number. We need more detailed information!! If you catch a tagged fish, please record the following information:

1. Location (GPS latitude and longitude)
2. Tag Number
3. Species
4. Size (cm)
5. Depth caught

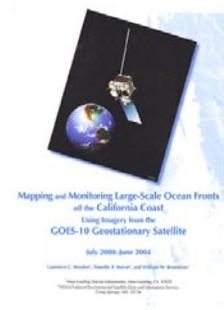
Call the phone number on the tag 831-771-4400 or mail or email: Rick Starr, Moss Landing Marine Labs, 8272 Moss Landing Road, Moss Landing, CA 95039, email: [Seagrant@mml.calstate.edu](mailto:Seagrant@mml.calstate.edu).

For updates on the project see the California Sea Grant web site <http://www.csqc.ucsd.edu/> or contact Rick Starr. GGFA vessels and volunteer anglers will be back in the Duxbury area during September to try to recapture tagged fish.

## Mapping Ocean Fronts

L.C. Breaker and W.W. Broenkow (Moss Landing Marine Laboratories) and T.P. Mavor (NOAA Environmental Satellite and Information Service-NESDIS) recently completed a Sea Grant project final report on mapping and monitoring large-scale ocean fronts of the California coast. Information of the occurrence and location of ocean fronts off the coast of California is not readily available to the marine community. These ocean features are important to fisheries and ecosystems management, environmental monitoring, weather forecasting, search and rescue operations, and for habitat mapping of pelagic fisheries. Because of the need for information on ocean fronts, Moss Landing Marine Laboratories, together with NOAA/NESDIS, collaborated on a project to produce maps of frontal occurrence on a monthly basis from 30°N to 43°N, and from just beyond the coast, out to 128°W, using imagery from the GOES-10 geostationary satellite.

A total of 48 frontal maps were produced over the four-year period from July 2000 through June 2004. This information was provided to users over the internet during the project, and is now available from California Sea Grant on a CD-ROM. To request one or more FREE copies of publication T-056 contact: Gretchen Frederick, [gfrederick@ucsd.edu](mailto:gfrederick@ucsd.edu) 858-534-4446, California Sea Grant Communications, University of California, 9500 Gilman Drive, La Jolla, CA 92093-0232.

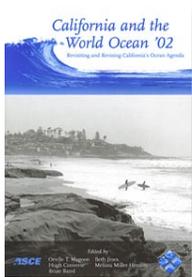


## Publications Update

The following are publications currently available:

### *California and the World Ocean '02*

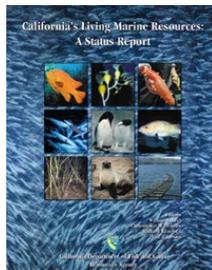
According to senior editor and wine maker Orville Magoon, "Achieving quality sometimes takes time". The 1431-page proceedings of this conference, organized by the Coast Zone Foundation, California Resources Agency and California Environmental Protection Agency, are finally available. The diverse mix of papers range from coastal watershed issues to marine resource management. Copies can be ordered through the American Society of Civil Engineers' website:



<https://www.asce.org/bookstore/book.cfm?book=5063>

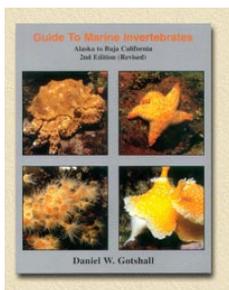
### *California's Living Marine Resources: A Status Report.*

This extensive guide, jointly published in 2001 by California Sea Grant Extension Program and California Department of Fish and Game, is now available for **half price** (\$12.50). This report describes the status of the state's living marine resources and the activities dependent upon these resources. Each species is illustrated and includes a history of the fishery, summary of biological knowledge, population status, and references. Fisheries landings data are provided back as far as 1916. Copies may be ordered by calling 800-994-8849 or visiting:



[www.anrcatalog.ucdavis.edu](http://www.anrcatalog.ucdavis.edu). The report is also available for viewing and partial/total downloading at: <http://www.dfg.ca.gov/mrd/status/>.

### *Guide to Marine Invertebrates* (2<sup>nd</sup> edition, revised 2005) by Daniel W. Gotshall.

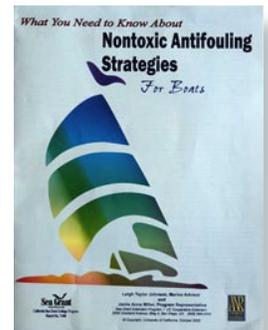


This field guide, thoroughly illustrated with underwater color photographs, covers common subtidal invertebrates found from Alaska to central Baja California. This guide adds to a long series of similar publications from Sea Challengers, 4 Sommerset

Drive, Monterey, CA 93940.

*Nontoxic Antifouling Strategies for Boats* by Leigh Johnson and Jamie Gonzalez.

Describes a series of demonstration projects analyzing alternatives to copper-based antifouling paints on boats. Free copies are available from Gretchen Frederick, California Sea Grant Communications, University of California, 9500 Gilman Drive, La Jolla, CA 92093-0232; 8 5 8 - 5 3 4 - 4 4 4 6 ; [gfrederick@ucsd.edu](mailto:gfrederick@ucsd.edu).



A related thirty-minute DVD, *Time for a Change*, which shows demonstrations on several vessels and discusses the environmental issues, economics, and results is also available from Gretchen Frederick for \$7. The DVD contains English and Spanish language versions.

## Marine Advisors' Updated Contact List

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# Sea Grant Fisheries

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