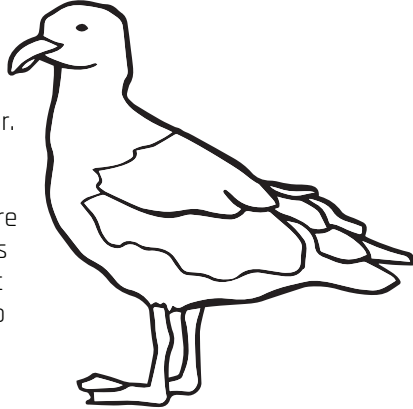


**Eelgrass**

is a flowering underwater plant with 1/4-inch wide leaves that can reach lengths of 3 feet. Eelgrass beds are always completely submerged, and their roots anchor the grass to sandy or muddy bottoms. Eelgrass is a true flowering plant, not a seaweed or an algae. It is an important habitat for a wide range of fish and wildlife.

**Western Gull**

Strictly a coastal gull, it is one of the two most common gulls in the Bay Area over the summer. Active nests can be seen on coastal headlands, piers and abandoned barges. The males are larger than the females. Declines in reproductive success in recent years is thought to be related to variations in the temperature of the ocean's California Current.



A series of public tours exploring urban resiliency in San Rafael



**LIVING WITH WATER**

**Least Sandpiper**

The smallest Sandpiper worldwide, it can be identified by its mouse-brown coloration, white underneath, and yellow legs and feet. Although they will forage on open mudflats, they prefer looking above the tide line. They roost in the Pickleweed.



**Snowy Egret**

The adult snowy has a black bill and black legs with yellow "slippers." They hunt aquatic animals, which they locate by sight and capture with a crisp jab from their sharp bill. The prey is not speared, but taken in a quick bite. They sometimes spread their wings to shade the hunting area and cut down on glare.



**ACKNOWLEDGMENTS:**

Living With Water has been created by the Studio for Urban Projects, as members of the Bionic Team, for the Bay Area Resilient By Design Challenge. We are grateful to the Bay Area Resilient By Design Challenge and the BionicTeam: principally Bionic Landscape, WXY Studio and PennDesign. Special thanks to the Rockefeller Foundation for their leadership and generous support. Additionally, the Studio for Urban Projects would like to thank Hog Island Oyster Company for their generous donation in support of the Living With Water tours. Additionally, the Studio for Urban Projects would like to thank the following individuals and organizations for their collaboration:

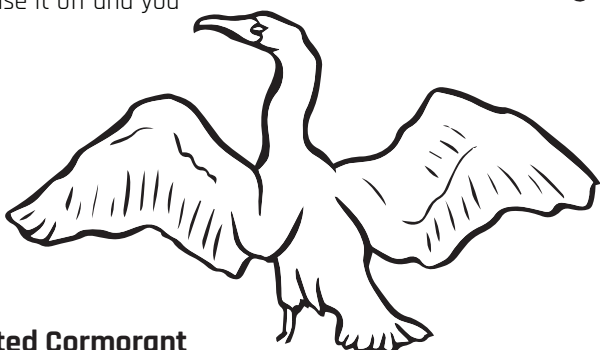
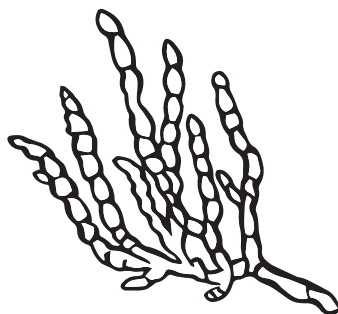
Organizations: Canal Alliance, Canal Welcome Center, City of San Rafael, Coastal Conservancy, County of Marin, Laurel Dell Elementary School, Marin Audubon Society, Marin County Bicycle Coalition, Marin Conservation League, Pickleweed Park Community Center, Resilient By Design Bay Area Challenge, Resilient Shore, Marin Rod & Gun Club, Shore Up Marin, Sustainable San Rafael, Terra Linda High School, Watershed Nursery, Youth-In-Arts, Y-Plan, and 101 Surf Sports.

Individuals: Emma-Louise Anderson, Katharyn Boyer, Cristina Cabrera, Lucy Goodhart, Bjorn Griepenburg, Isis Hockenos, Packard Jennings, Todd Meyer, Douglas Mundo, Jeffrey Rhoads, My Tong and Kelli Yan.

Source: Jules Evens & Rich Stallcup, *Field Guide to Birds of the Northern California Coast*

**Pickleweed**

or *Salicornia Pacifica*, is a perennial herb that is native to California. It is a low growing, succulent plant that dominates the lower salt marsh. Throughout the summer, it is bright-green, but by autumn, most pickleweeds are more red than green. Rinse it off and you can eat it!



**Double-crested Cormorant**

This family of bird, related to a pelican, is gregarious and primarily eats fish. They have bare gular pouches (throat sacks) and is the inland species of the bird. They are often seen with their wings spread, aiding in the drying of their plumage (feathers). They do not produce waterproofing oils common to other sea birds.

As members of the Bionic Team, the Studio for Urban Projects is engaged in developing these solutions in San Rafael, Marin, CA. Over several months we have planned a series of public tours bringing the public into a conversation with the scientists, designers, planners, government officials, businesses, and advocacy groups who are working to make the region resilient. Through these "Living with Water" tours, we aim to bring a broader awareness of the effects of climate change on the region; mitigation and adaptation efforts underway, and ways in which community members can contribute to the process of making San Rafael resilient to the changes ahead. Please join us!

The Bay Area Resilient By Design Challenge is a year-long collaborative process, bringing together residents, public officials, and local, national and international experts to develop ten community-based solutions that will strengthen the region's resilience to sea level rise, severe storms, flooding and earthquakes.

**LIVING WITH WATER**