

Handout

Agenda Item 3A
October 13, 2016

NBWA Board Meeting Oct. 7, 2016
Judy Schriebman

Director's report—website is up.

New communication committee started; Megan Clark is on this. Sonoma will dedicate 10% of time on this project for NBWA. Will bring plan next month; with key communication goals for 2017. E-newsletter, conferences, media relations plan, including budget request.

Advance planning: look over draft dates for next year's meetings.

New grant amount from CCC for Marin County \$750K deadline soon

Water conference at Oakland Museum Nov. 10

Science conference centered on Delta issues Nov. 15-17

Bruce Wolfe will be here at Nov. meeting—give Judy K questions

LandSmart program—Gina Graziano (STRAW), Eric McKee (Napa RCD).

Working on collaboration between STRAW and LandSmart for Kids. Doing a lot of education and restoration. Both are K-12 programs. LandSmart has emphasis on high school students. Next Gen Science standards emphasize the process and how we understand things with fact based evidence and observations rather than memorizing laundry list of facts. Kids want to do tangible projects and get away from the desks. Built blue bird boxes for pest management. Native bee shelters put in. Exposing students to environmental careers. Doing some work on public sites so kids can go back whenever to see the results of their work. Have put in irrigation systems, testing soils, beekeeping. Formalizing career development for students. Climate smart restoration techniques being incorporated: seasonality, soil building, resource building, drought/temperature tolerance, etc. when choosing plants for a site. (Pt. Blue Climate-Smart Planting tool). Use of inquiry and critical thinking. Comparing degraded areas with restored areas. How do we make a more resilient landscape?

New proposal for funding: NorthBay Shoreline Access maps—Judy Kelly. ABAG and SFEP partnership. Access points for small watercraft, increasing awareness of the ecological values of these areas. JTC looked at this project. Other funding partners including rec groups. No maps available focusing on non-motorized small boat access to Bay. \$10K ask to NBWA. App under development. Part of the larger Water Trail; website will have maps. Summer 2017 will be big roll out of water trail. 30 sites now developed/mapped.

Mussel Dogs--Debi Deshon. Dogs trained to sniff out invasive species on Lake Sonoma, etc. & for quagga and zebra mussels. Doing detection work for 21 years. Started with contraband-sniffing dogs that go to schools, etc. CAFW had dogs trained for this as well. Mussels came over from Europe via ocean going vessels in 1980's. Can live 30 days out of water; eggs can live 30 days in just a damp environment. Now in Lake Mead; 30 different waterways in West. Only 2 infested lakes (Lake Pyrué in LA) in CA. Boats are the biggest vector. No way to

eradicate them once in place so have to keep them out. Adhere to pipes, etc and can clog the freshwater pipes (die in saline). Have to physically scrape them off after killing them. No regs yet for all waterways in CA. Have to have a plan if you get them; grants available. Funds raised by boat registration. Difficult to inspect a boat. Dogs are much faster and more efficient and boater friendly. Takes less than a minute to sniff it out and can smell where we can't see. Veliger (egg) study; dogs could find them even when only 31 in a jar of lake water with other stuff in the jar. Veligers are microscopic. Less than 1% chance of even one survival when only 31 veligers and it takes two to make more. Study will be published in Management of Biological Resources(?) Journal. Current partners: Lake Sonoma, Mendocino, New Melones, Modesto, Woodward—prevention program before a boat launches. F&W Biologist Kelly or Catherine will help with getting grant. Not often in sewer lines. Dogs can smell them dead or alive.