

72. COASTAL FRESHWATER MARSH

PANTANO COSTANERO DE AGUA DULCE

JOHN P. KELLY

*Audubon Cypress Grove Preserve**P.O. Box 808**Marshall, California 94940*

Location: California; Marin Co.; Marshall; Livermore Marsh; 38°10'N, 122°53'W; To-males Quadrangle, USGS. **Continuity:** Established 1985; 6 yr. **Size:** 10.5 ha. **Description of Plot:** See *J. Field Ornithol.* 60 (suppl.):64 (1989). **Weather:** Mean temperature 12.2°C (range 10–16°C). **Coverage:** 9.9 h; 8 visits (mornings); 4, 13, 18, 25 April; 4, 16, 23, 31 May. **Census:** Red-winged Blackbird, 27.0 territories (103/40 ha); Cliff Swallow, 22.0 (84); Marsh Wren, 12.0 (46); Song Sparrow, 10.0 (38); American Coot, 6.0 (23; FL); Mourning Dove, 4.0 (15); Pied-billed Grebe, 2.0 (FL); Cinnamon Teal, 2.0 (FL); Ruddy

Duck, 2.0 (FL); Anna's Hummingbird (male), 2.0; Allen's Hummingbird (male), 2.0; Wrentit, 2.0; American Goldfinch, 2.0; Mallard, 1.0 (FL); Virginia Rail, 1.0; Common Moorhen, 1.0; Common Yellowthroat, 1.0; Northern Harrier, 0.5. **Total:** 18 species; 99.5 territories (379/40 ha). **Visitors:** Snowy Egret, Great Egret, Great Blue Heron, Green-backed Heron, Black-crowned Night-Heron, Bufflehead, Common Goldeneye, Gadwal, Killdeer, Common Snipe, California Quail, Sora, Turkey Vulture, Belted Kingfisher, Barn Swallow, Tree Swallow, Northern Rough-winged Swallow, Bewick's Wren, Swainson's Thrush, Yellow Warbler, Brewer's Blackbird, Tricolored Blackbird, Brown-headed Cowbird, White-crowned Sparrow, Golden-crowned Sparrow, Lincoln's Sparrow, Savannah Sparrow, Black-headed Grosbeak, House Finch, Pine Siskin. **Remarks:** Tricolored Blackbirds did not nest this yr, but were observed in evening roosts of up to 1000 birds in the lower marsh bulrushes. **Acknowledgments:** Financial support was provided by Chevron, USA, Inc., San Francisco, CA, and the Audubon Canyon Ranch, Stinson Beach, CA, as part of a larger restoration and management program. I thank Susan Kelly for help in summarizing the results.