

Petersen, J. D. 1994. Northern oak woodland breeding bird census: 1993. *Journal of Field Ornithology* 65:44 (Suppl.).

1. NORTHERN OAK WOODLAND

ARBOLADA DE ROBLE NORTEÑO

JOHN D. PETERSEN

13935 Highway 12

Glen Ellen, California 95442

Location: California; Sonoma Co.; Glen Ellen; Bouverie Ranch; 38°22'N, 122°30'W; Glen Ellen Quadrangle, USGS. **Continuity:** Established 1990; 4 yr. **Size:** 16.0 ha. **Description of Plot:** See *J. Field Ornithol.* 62 (Suppl.):32 (1991). **Weather:** Mean start temp., 10.2°C (range 7–16°C). There was above normal rainfall continuing well into spring (late April), after five years of drought conditions. **Coverage:** 14.0 h; 10 visits (1 sunrise); 25 March; 7, 14, 21, 28 April; 5, 12, 19, 26 May; 2 June. **Census:** Orange-crowned Warbler, 5.5 (14); Warbling Vireo, 4.0 (10); Plain Titmouse, 2.0; Black-throated Gray Warbler, 2.0; Chipping Sparrow, 2.0; Dark-eyed Junco, 2.0; Acorn Woodpecker, 1.5; Ash-throated Flycatcher, 1.5; Solitary Vireo, 1.5; Anna's Hummingbird, 1.0; Nuttall's Woodpecker, 1.0; Western Wood-Pewee, 1.0; Pacific-slope Flycatcher, 1.0; White-breasted Nuthatch, 1.0; House Wren, 1.0; Western Bluebird, 1.0; American Robin, 1.0; Scrub Jay, 0.5; Bushtit, 0.5; Northern Mockingbird, 0.5; European Starling, 0.5; California Towhee, 0.5. **Total:** 22 species; 32.5 territories (81/40 ha). **Visitors:** Cooper's Hawk, Red-shouldered Hawk, Red-tailed Hawk, Mourning Dove, Great Horned Owl, Northern Flicker, Western Kingbird, Tree Swallow, Violet-green Swallow, Steller's Jay, American Crow, Lark Sparrow, House Finch, Lesser Goldfinch. **Remarks:** Foliage and insects were prolific because of the abundance of rainfall, which may have resulted in increased nesting success. **Acknowledgments:** This work was supported by Audubon Canyon Ranch, Stinson Beach, CA, as part of the monitoring of an oak regeneration project.