

The Ecology and Conservation of California's Maritime Chaparral

Bibliography

Borchert, M. I., and D. C. Odion. 1995. Fire intensity and vegetation recovery in chaparral: a review. Pages 91-100 in Keeley, J. E. and T. Scott, editors. *Brushfires in California: ecology and resource management*. International Association of Wildland Fire, Fairfield, Wa., USA.

Davis, F. W. D. E. Hickson, and D. C. Odion. Composition of maritime chaparral related to fire history and soil, Burton Mesa, California. *Madrono* **35**: 169-195.

Davis, F. W., M. I. Borchert, and D. C. Odion. 1989. Establishment of microscale vegetation pattern in maritime chaparral after fire. *Vegetatio* **84**:53-67.

D'Antonio, C. M. 1993. Mechanisms controlling the invasion of coastal plant communities by the alien succulent *Carpobrotus edulis*. *Ecology* **74**:83-95.

D'Antonio, C. M., D. C. Odion, and C. M. Tyler. 1993. Invasion of maritime chaparral by the introduced succulent *Carpobrotus edulis*. *Oecologia* **95**:14-21.

Ferren, W. R. Jr., H. C. Forbes, D. A. Roberts, and D. M. Smith. 1984. The botanical resources of the La Purissima Mission State Historic Park. UC Santa Barbara Herbarium Publication No. 3, 159 p.

Frazer, J. M., and S. D. Davis. 1988. Differential survival of chaparral seedlings during the first summer drought after wildfire. *Oecologia* **76**:215-221.

Greenlee, J. M. and J. H. Langenheim. 1990. Historic fire regimes and their relation to vegetation patterns in the Monterey Bay Area of California. *American Midland Naturalist* **124**:239-253.

Griffin, J. R. 1978. Maritime chaparral and endemic shrubs of the Monterey Bay Region. Pages 65-112. *Madroño*.

Hickson, D. E. 1988. History of Wildland fires on Vandenberg Air Force Base, California. The Bionetics Corporation, National Aeronautics and Space Administration Technical Memorandum 100983, Kennedy Space Center, Florida, USA.

Holl, K. D., H. N. Steele, M. H. Fusari, and L. R. Fox. 2000. Seed banks of maritime chaparral and abandoned roads: potential for vegetation recovery. *Journal of the Torrey Botanical Society* **127**:207-220.

Horton, J. S., and C. J. Kraebel. 1955. Development of vegetation after fire in the chamise chaparral of southern California. *Ecology* **36**:244-262.

Keeler-Wolf, T. 1999. Field and photo-interpretation key to the vegetation alliances and defined associations from the Point Reyes National Seashore, Golden Gate National Recreation Area, San Francisco Municipal Water District Lands, and Mt. Tamalpais, Tomales Bay, and Samuel P. Taylor State Parks. Page 12. California Department of Fish and Game, Sacramento.

Keeley, J. E. and R. L. Hays. 1976. Differential seed predation on two species of *Arctostaphylos* (Ericaceae). *Oecologia* **24**:71-81.

Keeley, J. E. 1977. Seed production, seed populations in soil, and seedling production after fire for two congeneric pairs of sprouting and nonsprouting chaparral shrubs. *Ecology* **58**:820-829.

Keeley, J. E. and P. H. Zedler. 1978. Reproduction of chaparral shrubs after fire: a comparison of sprouting and seeding strategies. *American Midland Naturalist* **99**:142-161.

Keeley, J. E. 1984. Factors affecting germination of chaparral seeds. Pages 113-120. *Bulletin of the Southern California Academy of Sciences*.

Keeley, J. E. 1987. Ten years of change in seed banks of the chaparral shrubs, *Arctostaphylos glauca* and *A. glandulosa*. *American Midland Naturalist* **117**: 446-448.

Keeley, J. E. (ed). 1993. *Interface Between Ecology and Land Development in California*. Southern California Academy of Sciences, Los Angeles, Ca., USA.

Keeley, J. E., and C. J. Fotheringham. 1997. Role of trace gas emissions in smoke-induced germination of a postfire annual. Page 121. Bulletin of the Ecological Society of America.

Keeley, J. E., C. J. Fotheringham and M. Morias 1999. Reexamining fire suppression impacts on brushland fire regimes. *Science* **284**:1829-1832.

Keeley, J. E. 2002. Fire management of California shrubland landscapes. *Environmental Management* **29**:395-408.

Keith, D. A. 1996. Fire-driven extinction of plant populations: a synthesis of theory and review of evidence from Australian vegetation. *Proceedings of the Linnean Society of New South Wales* **116**:37-78.

Kelly, V. R., and V. T. Parker. 1990. Seed bank survival and dynamics in sprouting and nonsprouting arctostaphylos species. *American Midland Naturalist* **124**:114-123.

McGraw, J. M., and A. L. Levin. 1998. The roles of soil type and shade intolerance in limiting the distribution of the edaphic endemic *Chorizanthe pungens* var. *hartwegiana* (POLYGONACEAE). *Madroño* **45**:119-127.

Mullany, M. 1990. The distribution and variation of *Arctostaphylos morroensis* (Ericaceae), M.S. thesis, California State Polytechnic University, San Luis Obispo.

Odion, D. C., D. E. Hickson, and C. M. D'Antonio. 1992. Central Coast Maritime Chaparral on Vandenberg Air Force Base: An inventory and analysis of management needs for a threatened vegetation association. The Nature Conservancy, Ca. USA.

Odion, D. C. 1995. Effects of variation in soil heating during fire on patterns of plant establishment and regrowth in maritime chaparral. Ph.d. Dissertation, University of California Santa Barbara.

Odion, D. C. 2000. Seed banks of long-unburned stands of maritime chaparral: Composition, germination behavior, and survival with fire. Pages 195-203. *Madroño*.

Odion, D. C. and F. W. Davis. 2000. Fire, soil heating, and the formation of vegetation patterns in chaparral. *Ecological Monographs* **70**: 149-169.

Odion, D. and C. Tyler. 2002. Are long fire-free periods needed to maintain the endangered, fire-recruiting shrub *Arctostaphylos morroensis*(Ericaceae)? *Conservation Ecology* 6(2): 4. [online] URL: <http://www.consecol.org/vol6/iss2/art4>

Soulé, M., D. Bolger, A. Alberts, J. Wright, M. Sorice, and S. Hill. 1988. Reconstructed dynamics of rapid extinctions of chaparral-requiring birds in urban habitat islands. Pages 75-92. *Conservation Biology*.

Stassforth, M. 1997. Chaparral response to prescribed burns in the Santa Monica Mountains. Pages 9-14. *Fremontia*.

Stylinski, C. D., and E. B. Allen. 1999. Lack of native species recovery following severe exotic disturbance in southern Californian shrublands. *Journal of Applied Ecology* 36:544-554.

Swank, S. E., and W. C. Oechel. 1991. The effects of herbivory, competition, and resource limitation on chaparral herbs. *Ecology* 72:104-115

Tyler, C. M. 1995. Factors contributing to postfire seedling establishment in chaparral: direct and indirect effects of fire. *Ecology* 83:1009-1020.

Tyler, C. M. and C. M. D'Antonio. 1995. The effects of neighbors on the growth and survivorship of shrub seedlings following fire. *Oecologia* 102:255-264.

Tyler, C. M. 1996. Relative importance of factors contributing to postfire seedling establishment in maritime chaparral. Pages 2182-2195. *Ecology*.

Tyler, C. M. and D. C. Odion. 1996. Ecological studies of Morro Manzanita (*Arctostaphylos moroensis*). Report prepared for the California Department of Fish and Game, Endangered Plant Program. 46 Pp.

Tyler, C., D. Odion and D. Meade. 1998. Ecological studies of Morro Manzanita (*Arctostaphylos moroensis*): seed ecology and reproductive biology. Report prepared for the California Department of Fish and Game, Species Conservation and Recovery Program. 30 Pp.

Tyler, C., D. Odion, D. Meade, and M. Moritz. 2000. Factors affecting regeneration of Morro Manzanita (*Arctostaphylos moroensis*): reproductive biology and response to prescribed burning. Report prepared for the California Department of Fish and Game, Species Conservation and Recovery Program. 38 Pp.

Van Dyke, E. 2000. Maritime Chaparral Transition in the Prunedale Hills. Page 21. Environmental Studies. University of California at Santa Cruz, Santa Cruz, CA.

Van Dyke, E., and K. D. Holl. 2001. Maritime chaparral community transition in the absence of fire. *Madroño* **48**:221-229.

Wells, P. V. 1962. Vegetation in relation to geological substratum and fire in the San Luis Obispo Quadrangle, California. *Ecological Monographs* **32**:79-103.

Wells, P. V. 1969. The relation between mode of reproduction and extent of speciation in the woody genera of the California chaparral. *Evolution* **23**:264-267.

Zedler, P. H., and G. A. Scheid. 1988. Invasion of *Carpobrotus edulis* and *Salix lasiolepis* after fire in a coastal chaparral site in Santa Barbara County, California. Pages 196-201. *Madroño*.

Zedler, P. H. 1995. Fire frequency in southern California shrublands: biological effects and management options. Pages 101-112 in J. E. Keeley and T. L. Scott, (eds.) *Brushfires in California: ecology and management*. International Association of Wildland Fire, Fairfield, Washington, USA.