

BIOGRAPHICAL SKETCH

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EDUCATION:

June 1968	A. B.	Dartmouth College Mentor, F. H. Bormann
July 1974	Ph. D.	U.C. Berkeley, Major Professor, R. B. Park
January 1974 - August 1975		Carnegie Institution of Washington, Department of Plant Biology, Stanford, CA, Post-Doctoral Research with O. Björkman
January 1982-August 1982		UCLA, Los Angeles, CA, Sabbatical Leave Research with P. S. Nobel

ACADEMIC APPOINTMENTS:

1975-1982	Assistant Professor	University of California, Santa Barbara
1982-1992	Associate Professor	University of California, Santa Barbara
1992-present	Professor	University of California, Santa Barbara

COURSES TAUGHT AT UCSB:

General Botany, General Plant Ecology, Physiological Plant Ecology,
Seminar in Plant Ecology

PUBLICATIONS :

- Björkman, O., B. E. Mahall, M. Nobs, W. Ward, F. Nicholson, and H. Mooney. 1974. An analysis of the temperature dependence of growth under controlled conditions. Carnegie Institution of Washington Year Book 73: 757-767.
- Card, K. A., B. Mahall, and J. H. Troughton. 1974. Salinity and carbon isotope ratios in C3 and C4 plants. Carnegie Institution of Washington Year Book 73:784-785.
- Mahall, B. E. and R. B. Park. 1976. The ecotone between *Spartina foliosa* Trin. and *Salicornia virginica* L. in salt marshes of northern San Francisco Bay. I. Biomass and productivity. Journal of Ecology 46: 421-433,
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- Fonteyn, P. J. and B. E. Mahall. 1978. Competition among desert perennials. Nature 875: 544-545.
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- Callaway, R. M. and B. E. Mahall. 1996. Variation in leaf structure and function in *Quercus douglasii* trees differing in root architecture and drought history. *International Journal of Plant Science* 157: 129-135
- Mahall, B. E. 1998. Inter-root communications and the structure of desert plant communities. In: H. E. Flores, J. P. Lynch, D. Eissenstat, eds. *Radical Biology: Advances and Perspectives on the Function of Plant Roots*. American Society of Plant Physiologists, Rockville Maryland, pp 265-280.
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- Schlesinger, W. H., J. S. Phippen, M. D. Wallenstein, K. S. Hofmockel, D. M. Klepeis, and B. E. Mahall. 2003. Community composition and photosynthesis by photoautotrophs under quartz pebbles, southern Mojave Desert. Ecology 84: 3222-3231.
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Mahall, B. E. and F. H. Bormann. 2010. Earth Rules. Opinion. Los Angeles Times, March 2, A13.

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