

JOHN M. LICHTER, M.S.
CONSULTING ARBORIST

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EDUCATION:

Master of Science. Horticulture, University of California, Davis, 1990.
Thesis: "New Methods for Mistletoe Control/The Biology of Young Mistletoe Plants."
Bachelor of Science. Plant Science, University of California, Davis, 1988.

REGISTRATION/CERTIFICATIONS:

Registered Consulting Arborist #375, American Society of Consulting Arborists (ASCA)
Board Certified Master Arborist #863, International Society of Arboriculture (ISA)
Qualified Tree Risk Assessor, International Society of Arboriculture
Certified Arborist #863, International Society of Arboriculture

PROFESSIONAL MEMBERSHIPS/BOARD TENURE/COMMITTEES:

Member, International Society of Arboriculture
Former Board Member, American Society of Consulting Arborists (2000 - 2006)
Former Chair, Western Chapter ISA Research Committee
Former Board Member and Technical Advisory Committee Member, Tree Davis
Former Commissioner, City of Davis Street Tree Commission
Former Member, Technical Advisory Committee, Sacramento Tree Foundation

PROFESSIONAL EXPERIENCE:

1993 to present OWNER/CONSULTING ARBORIST
Tree Associates, Inc., Davis, CA

Tree Associates provides Arboricultural Consulting Services to a diverse clientele including Landscape Architects, Developers, Municipalities, Attorneys, Insurance Companies, Tree Owners and Managers and others. Professional services include tree evaluation, risk assessment and preservation programs, tree appraisals, horticultural soil and site analysis, forensic investigations and expert witness.

1999, 2002, 2009 INSTRUCTOR

Environmental Horticulture Department, U.C. Davis, Davis, CA

Taught upper division Arboriculture class and laboratory. Subjects included: tree structure and function, site evaluation, soil and water analysis, soil modification, species selection, planting, pruning, nutrient and water management, diagnosing tree problems, tree preservation and mature tree care.

1993-1994 RESEARCH ASSOCIATE

Environmental Horticulture Department, U.C. Davis, Davis, CA

Worked with U.C. Cooperative Extension Landscape Specialist. Managed arboricultural research and extension program.

1992-1993 RESEARCH HORTICULTURIST

U.S. Forest Service, Center for Urban Forest Research and Education, Davis, CA

Managed arboricultural research and extension program.

1992-1993 ARBORIST

Roger Poulson Tree Services, Citrus Heights, CA

Provided tree care services including tree evaluation, problem diagnosis and pruning.

PROFESSIONAL EXPERIENCE (continued):

1991-1992 URBAN HORTICULTURIST

U.C. Cooperative Extension, Sacramento County, Sacramento, CA

Created and implemented arboricultural research projects, managed master gardener program with 150 members. Organized and conducted seminars, created articles and newsletter and provided consulting services for landscape professionals.

1990-1991 COMMUNITY FORESTER

Sacramento Tree Foundation, Sacramento, CA

Organized community tree plantings, developed educational materials, provided consultation and demonstration regarding tree species, planting site selection, and site preparation to homeowners and public entities.

1990 HORTICULTURIST

HortScience, Inc., Pleasanton, CA

Worked with Consulting Arborist Nelda Matheny conducting tree evaluations and assisting with tree preservation activities.

SELECTED PRESENTATIONS:

"Tree Preservation Field Demonstration." Up by Roots Conference, U.C. Davis, August, 2011.

"Locating Roots Using Ground Penetrating Radar: A Progress Report."

California Tree Failure Report Program Annual Meeting. Filoli, California, January, 2009.

"Preserving Our Native Oaks" Critical Issues for Park Managers."

Tree Canopy Safety and Retention Workshop. Sacramento, California, November, 2008

"Case Studies from a Consulting Arborist, Tree Preservation During Development."

Guest Lecturer, U.C. Davis, Arboriculture Course (1998, 2000-2001, 2003-2008)

"Soil Factors and Root Growth—Lessons from Case Studies/a Peek at Ground Penetrating Radar."

Western Chapter ISA and California Arborists Association Meeting. San Francisco, April, 2007.

"Utilizing Science to Guide Oak Management."

Oak Symposium. Santa Rosa, California, October, 2006.

"Principles, Approach and Procedures for Tree Problem Diagnosis – A Practical Approach." University of California Master Gardener Meeting. Sacramento, CA May, 2006.

"A Discussion Concerning Pruning to Reduce the Likelihood of Limb Failure."

California Tree Failure Report Program Annual Meeting. Filoli, CA, January, 2006, Descanso Gardens, May, 2006.

"Tree Radar Unit Demonstration."

Western Chapter ISA Annual Meeting, Phoenix, Arizona, May, 2005.

"Diagnosis and Treatment of Health and Structural Disorders in Oaks: A Field Demonstration, Discussion and Hands-on Workshop for Horticultural Professionals" (eight week course). University Arboretum, U.C. Davis. Spring, 2005.

"An Introduction to Tree Risk Assessment."

Sacramento Valley Landscape Nursery Exposition, Sacramento, CA, January, 2005.

"Yolo County Master Gardener Landscape Tree Training."

Yolo County Master Gardeners, Woodland, CA, 2002, 2003, 2004.

"Trees Below Ground –Assessment of Tree Roots and Their Environment."

California Arborists Association, Inc. Meeting, Live Oak, CA, December 2004.

"Common Soil Problems in the Sacramento Valley: A Training Program for Sacramento Tree Foundation Community Foresters."

Sacramento Tree Foundation, September, 2004.

"Tree Evaluation, Horticultural Site Assessment and Management Recommendations – Shields Oak Grove."

University Arboretum, University of California, Davis, CA, December, 2003.

“Diagnosing Tree Problems: A Practical Approach.”

SELECTED PRESENTATIONS (continued):

- Western Chapter ISA/California Urban Forest Council Workshop, San Jose, CA, August, 2003.
“On-site Tree Diagnosis Training.”
Western Chapter ISA and CA Urban Forest Council Workshop, San Jose, CA, August, 2003.
“Arboricultural Consulting Academy (Coach).”
ASCA, Sacramento, CA, March, 2003.
“Case Studies in Tree Preservation.”
Sacramento Valley Landscape and Nursery Exposition, Sacramento, CA, January, 2003.
“Using Radar for Tree Decay Detection.”
California Tree Failure Report Program Annual Meeting, Filoli, CA, January, 2003.
“A Look at Tree Management Challenges on the U.C. Davis Campus (Tour).”
Yolo County Master Gardeners, Davis, CA, September, 2002.
“Horticultural Site Assessment, Weir Redwood Grove, Arboretum, U.C. Davis.” ASCA Annual Meeting, December, 2001.
“Introduction to the Cost of Cure Method for Tree and Landscape Appraisal.” Western Chapter ISA Annual Meeting, Modesto, CA, May, 2001.
“Case Study Presentation: Valley Oak Risk Analysis.”
California Tree Failure Report Program Annual Meeting, Filoli, CA, January, 2001.
“Managing Soil Compaction for Successful Tree Preservation”
ASCA Annual Conference, Newport, Rhode Island, December 2000.
“Characteristics and Skills of the Professional Consulting Arborist.”
Western Chapter ISA Regional Meeting, Auburn, CA, October, 2000.
“Tree Problem Diagnosis and Case Studies.”
Sacramento County Master Gardeners, Sacramento, CA, May, 2000.
“Community Trees Workshop Series.”
Tree Davis, Davis, CA, March – November 2000.
“Selecting Quality Trees at the Nursery.”
Roseville Shade Tree Program Landscape and Tree Maintenance Clinic, Roseville, CA, March, 1999.
“Tree Research Projects in the Western Chapter Region.”
Western Chapter ISA Meeting, San Francisco, CA, August, 1998.
“The Science of Tree Preservation.” (Meeting Coordinator and Presenter)
Western Chapter ISA Meeting, Davis, CA, April, 1997.
“Tree Values: Appraisal Workshops and Perspectives.” (Coordinator and Presenter) Western Chapter ISA, Davis, CA, August, 1996.
“Trees, People and the Urban Environment.” (Meeting Organizer)
Western Chapter ISA Meeting, Davis, CA, June, 1995.
“Designing and Establishing Successful Woody Landscapes: An Intensive Shortcourse for Landscape Architects and Landscape Professionals.” (Coordinator and Instructor). Davis, CA, October, 1994.

SELECTED PUBLICATIONS:

- Reviewer:* Gilman, E., B. Kempf, N. Matheny and J. Clark, 2013. Structural Pruning, A Guide for the Green Industry. Urban Tree Foundation, Visalia, CA. 83p.
Contributor and Principal Reviewer: Dreistadt, S.H., 2004. Pests of Landscape Trees and Shrubs, 2nd Edition. UCANR Publication 3359.
MacDonald, J.D., L.R. Costello, J.M. Lichter and D.E. Quickert, 2004. “Fill Soil Effects on Soil Aeration and Tree Growth.” Journal of Arboriculture 30(1).
Contributor: Costello, L.R., et al., 2003. Abiotic Disorders of Landscape Plants: A Diagnostic Guide. University of California ANR Publication 3420.
Randrup, T.B. and J.M. Lichter, 2001. “Measuring Soil Compaction on Construction Sites: A Review of Surface Nuclear Gauges and Penetrometers.” Journal of Arboriculture 27(3):109-117.

Lichter, J.M., 2000. "An Evaluation of Soil Aeration Status Around Healthy and Declining Oaks in an Urban Environment in California." (review of journal article) Western Arborist.

SELECTED PUBLICATIONS (Continued):

Lichter, J.M. 1998. "Tree Root Response to Circling Root Barriers." (practitioner's perspective) Western Arborist 25(1): 40-41.

Lichter, J.M., 1994-1997. The Urban Forest and the Trees. Newsletter editor.

Lichter, J.M. and E.M. Zagory, 1995. "Establishing Landscapes Near California Native Oaks in the Central Valley." HortScript, U.C. Cooperative Extension, Marin County.

Lichter, J.M. and P. Lindsey, 1994. "The Use of Surface Treatments for the Prevention of Soil Compaction During Site Construction." Journal of Arboriculture 20(4):205-209.

Lichter, J.M. and L.R. Costello, 1994. "An Evaluation of the Volume Excavation Technique for Measuring Soil Bulk Density." Journal of Arboriculture 20(3):160-164.

Lichter, J.M. and P. Lindsey, 1994. "Soil Compaction and Site Construction: Assessment and Case Studies." Proceedings of The Landscape Below Ground Symposium, Lisle, IL.

Adams, D.H., S.J. Frankel, and J.M. Lichter, 1993. "Considerations When Using Ethephon for Suppressing Dwarf and Leafy Mistletoe Infestations in Ornamental Landscapes." Journal of Arboriculture 19(6):351-357.

Numerous titles for U.C. Cooperative Extension Sacramento County Environmental Horticultural Notes (1992).

Lichter, J.M., M.S. Reid, and A.M. Berry, May, 1991. "New Methods For Control of Leafy Mistletoe (*Phoradendron* spp.) on Landscape Trees", Journal of Arboriculture, Vol. 17(5).

Resume Last Updated: July 20, 2016