



RON A. LONDRÉ SENIOR ECOLOGIST

Ron has a M.S. degree from the University of Wisconsin-Milwaukee specializing in plant community ecology and a B.S. degree from the University of Wisconsin-Parkside specializing in environmental science. Ron has seven years of experience conducting vegetation surveys throughout Wisconsin with particular experience in Wisconsin wetlands and forests. He also has multiple publications in the journal Ecology, has presented at various ecological conferences, and was previously a college instructor of Environmental and Biological Sciences. Ron serves as the senior Ecologist at Marek Landscaping for projects involving native plant restorations and management.

Education

M.S. in Biological Sciences, Concentration in Plant Community Ecology December 2005
University of Wisconsin-Milwaukee, Milwaukee, WI

B.S. in Biological Sciences, Concentration in Environmental Studies May 2003
University of Wisconsin-Parkside, Kenosha, WI

Partial Project Experience with Marek Landscaping, LLC:

Green Medians, Milwaukee, Wisconsin

Located along 92nd & 91st streets between Capitol Dr. and Good Hope Rd. this project involved the design & installation of 59 trees and over 300 shrubs and 2500 perennials located along within bioswales in the medians designed and constructed by others to manage storm water. Ron's role was to manage the field crew and perform the installations.

Milwaukee County Pond & Lagoon Demonstration Project, Milwaukee, Wisconsin

Located in Washington Park and McGovern Park this project involved native prairie plantings, installation of vegetated biologs for shoreline erosion control, and the installation of stone paver paths as well as other stone features. Ron's role is to manage the field crew and perform the installations.

Menomonee Valley Passage and Hank Aaron State Trail, Milwaukee, Wisconsin

The WisDOT project involves the design of a pedestrian bridge that crosses the Menomonee River and connects a neighborhood to the industrial center located east of Miller Park in the Menomonee Valley. Ron conducted and prepared a report documenting a tree, shrub, and herbaceous vegetation survey in autumn 2008 along the river bank. The survey was conducted to assess the quality of the vegetation and to identify trees, shrubs, and herbaceous vegetation that would be ecologically beneficial to the river bluff and to incorporate into the bridge design.

Bradford Beach Stormwater Control Project, Milwaukee, Wisconsin

This project involved the construction of five stormwater infiltration cells and three raingardens on Bradford Beach and in the adjacent Lake Park. Ron managed a field crew and performed the instillation of over 12,000 native plugs, 90 native shrubs, all natural coir erosion matt, engineered compost planting beds, hardwood bark mulch, and sand fence.



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Kilbourn Reservoir Project, Milwaukee, Wisconsin

The Kilbourn Reservoir project is a City of Milwaukee Water Works water reservoir that was redeveloped into a city park. Ron's role was to manage a field crew and perform the installation of ~0.75 acres of short grass prairie, ~ 1.75 acres of tall grass prairie, 92 trees and shrubs, and over 4 acres of turf grass. Additionally, Ron conducted invasive and wood species control for the project.

Indian Creek MMSD Project, Fox Point, Wisconsin

Along Indian Creek, MMSD is expanding the width of the waterway for floodwater management. Ron oversaw the installation of 7 acres of native seeding, tree and shrub planting, erosion control mat installation, and implementing a 5-year maintenance contract that includes monitoring and managing the native plantings.

Menomonee Valley Industrial Center & Community Park, Milwaukee, Wisconsin

A 100+ acre brownfield east of Miller Park was remediated and redeveloped for light-industrial use for the Redevelopment Authority of the City of Milwaukee. A multi-tiered stormwater treatment train meanders through the center of the site and towards the Menomonee River. Ron assisted in the planting of a high diversity native species mix of deciduous trees, mesic prairie, wet-mesic prairie, and swamp forest. Ron also conducts manual invasive species control of the native plantings, monitors the native landscape through vegetation surveys, provides recommendations for supplemental seeding and planting, and implements a 3-year maintenance contract.

Professional Work/Research Experience:

Forest Fragmentation Research

In collaboration with Dr. Stefan Schnitzer of UW-Milwaukee, Ron is currently analyzing changes in levels of Southern Wisconsin forest fragmentation over the past 45 years. The research has included a GIS analysis of a sample of Southern Wisconsin forests using historical and current digitized aerial photography.

Part-Time Instructor

Ron has 5 years of experience instructing Natural Science courses in subjects such as Ecology, Botany, Biology, and Environmental Science at Universities and Colleges including the University of Wisconsin-Milwaukee, Milwaukee Area Technical College, and Carroll College.

Research Technician

While working for the University of Wisconsin-Milwaukee, Ron conducted a comprehensive survey of woody and herbaceous vegetation survey of the Cedarburg Bog located in Saukville, WI.

Masters Thesis Research

While working on his M.S. degree Ron analyzed patterns of liana abundance and distribution from 1960 to present by conducting vegetation surveys of 14 upland and wetland forests of southern Wisconsin and comparing them to historical data. Ron measured various biotic and abiotic edge effects and utilized GPS devices and GIS software for mapping research sites.



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Dendrochronological Research

As a student at the University of Wisconsin-Parkside, Ron assisted in the analysis of an oak savannah restoration project at Richard Bong State Natural Area, and helped create a historical account of fire and precipitation records for an area of Pleasant Prairie, WI by analyzing tree slabs.

Publications

- R.A. Londré, S.A. Schnitzer, N.T. Johnson , B.P. Thayer. Aforestation of Southern Wisconsin Forests. in prep.
- Stefan A. Schnitzer, Ronald A. Londré, John Klironomos, Peter B. Reich (2008) BIOMASS AND TOXICITY RESPONSES OF POISON IVY (TOXICODENDRON RADICANS) TO ELEVATED ATMOSPHERIC CO₂: COMMENT. Ecology: Vol. 89, No. 2, pp. 581-585.
- R.A. Londré and S.A. Schnitzer. 2006. The Distribution of Lianas and their Change in Abundance in Temperate Deciduous Forests over the Past 45 Years. Ecology. 87: 2973-2978.

Presentations

- Poster Presentation at 2006 Ecological Society of America Annual Meeting, Memphis, TN
- M.S. thesis presentation at 2005 Biological Sciences departmental seminar, UW-Milwaukee, Milwaukee, WI
- Presented at 2005 UW-Milwaukee Biology Symposium, Milwaukee, WI
- Presented at 2004 Natural Areas Conference, Chicago, IL