

BRENDON LARSON

Interdisciplinary Ph.D. Program &
c/o Environmental Studies Program
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EDUCATION

Ph.D. Candidate. University of California, Santa Barbara (UCSB).

Interdisciplinary Ph.D. Program, Science and Society (Sept. 1999 – Dec. 2004)

- Dissertation: Global Metaphors in Biology: Case Studies of Competition, Invasion and Progress. Committee chair: Dr. James Proctor (Geography)
- Qualifying exams: Oral candidacy exam passed May 2002. Written exams in Mathematical Biology and Philosophy of Evolutionary Biology in the Department of Ecology, Evolution and Marine Biology.

Graduate student summer programs

- Kira Institute on “Ways of Knowing,” Amherst College, Amherst, MA., August 2001 (2 weeks). Interdisciplinary program on how science relates to other modes of understanding.
- Complex Systems Summer School, Santa Fe Institute, Santa Fe, NM., June 2000 (1 month). Interdisciplinary program on the complexity paradigm.

M.Sc. University of Toronto, Toronto, Ontario

Department of Botany (Sept. 1995 – Dec. 1997)

- Thesis: The Ecology of Pollen Limitation: Comparative and Experimental Approaches. Supervisor: Dr. Spencer Barrett

B.Sc. (Hons.) University of Guelph, Guelph, Ontario

Biological sciences, with distinction (Sept. 1990 – Apr. 1994)

- Field courses: *Biodiversity of Northwestern Argentina* (1994, 1 month), *Tropical Biology* in Jamaica (1993, 2 weeks), and *Arctic Biology* in Northwest Territories, Canada (1992, 2 weeks).

GENERAL RESEARCH INTERESTS

- The relationship between science-society, science-religion, nature-culture, self-other and how they mirror one another
- The role of metaphor in understanding the natural world and communicating about it, from a cognitive linguistic perspective
- The history, philosophy and sociology of biology, particularly related to conservation, ecology, environmental studies, and evolutionary biology
- Environmental ethics, including eastern religions, the study of consciousness, and the value of poetics
- Environmental studies pedagogy
- Plant reproductive ecology (pollination biology) and forest ecology
- Natural history and conservation in Ontario and southern California

RESEARCH GRANTS AND ACADEMIC AWARDS

University of California, Santa Barbara

- Graduate Division Dissertation Fellowship, Fall 2004 (\$5,000 stipend, fees and tuition)
- UCSB Affiliates Nancy Brown Environmental Graduate Dissertation Fellowship, Fall 2004 (\$3,000)
- Chancellor's Fellowship, Fall 1999 to Spring 2004 (\$14,000 stipend for three years and all fees and tuition for five years)
- National Center for Ecological Analysis and Synthesis (NCEAS) Grant for Working Group 2004 (\$14,604, details below)
- Economic and Social Research Council (ESRC, U.K.) Short-term Visiting Scholar Grant 2003 (_1,250)
- Humanities/Social Science Research Grant 2003-2004 (\$2,000)
- Interdisciplinary Humanities Center Research Focus Group Grant on "Religion, Science and Nature," with graduate students from Religious Studies (\$833)
- Nominated for Graduate Student Association Excellence in Teaching Award 2003
- Graduate Student Travel Grant 2003 (\$825)
- Teaching Assistant Instructional Grant 2002-2003 (\$760)
- Graduate Student Special Travel Grant 2002 (\$550)
- UC White Mountain Research Station Graduate Student Research Grant 2000 (\$1,650, declined)
- Natural Sciences and Engineering Research Council of Canada (NSERC) Postgraduate Scholarship (PGS B) 1999-2001 (\$38,200 CAN)

University of Toronto

- NSERC Postgraduate Scholarship (PGS A) 1995-1997 (\$31,200 CAN)
- Forestry Canada Graduate Supplement (\$5,000 CAN/annum, declined)

University of Guelph

- W. N. Vaughan Medal 1994, "for high academic standing and substantial contributions to student life and to the university"
- Monroe Landon Memorial Scholarship 1994 (\$500 CAN), "for active interest in field botany, field research and conservation of native species"
- President's Entrance Scholarship 1990-1994 (\$16,000 CAN), "the most prestigious entrance award at the University of Guelph"
- Canada Scholarship 1990-1994 (\$8,000 CAN)
- NSERC Undergraduate Student Research Award 1993 (\$5,000 CAN)
- Governor General's Canada Scholarship in Environmental Sciences 1993 (\$1,000 CAN)
- Runner-up for President's Trophy for Male Student-Athlete 1993
- Dean's Scholarship 1991-1993 (\$500 CAN/annum)
- Canadian Intercollegiate Athletic Union Academic All-Canadian Honour Roll 1991-1993 (Varsity swim team)
- College of Biological Science Roll of Distinction 1992-1994

- College of Biol. Science Alumni Assoc. Scholarship 1992 (\$1,000 CAN)
- Medal of the Governor General of Canada 1990
- Canadian Forestry Service's Forestry Research Award (\$1,000 CAN), Nature Conservancy of Canada's Heritage Conservation Award (\$1,000 CAN) and Bronze Medal in Life Sciences, Canada-Wide Science Fair, Winnipeg, 1988

RESEARCH EXPERIENCE

Science and society research

Working group co-ordinator: Ecological metaphors: Their cultural resonance and what we can do about it (April 2004).

- Wrote a successful proposal to NCEAS (above), funded by the National Science Foundation (NSF). Only 9/25 proposals were accepted.
- Organized a four day meeting of 12 scholars (ecologists, metaphor researchers, philosophers and science communication scholars) to derive general principles of ecological metaphors for ecologists (in preparation).

Project team member: Representing Genes, University of Pittsburgh, Pittsburgh, PA (January 2003 – present)

- Project funded by the NSF to survey gene concepts among contemporary biologists (<http://www.pitt.edu/~kstotz/genes/genes.html>).
- Contributed to group discussions about project methods, interpretation of results, and implications.

Research assistant: Science, Religion and the Human Experience, Templeton Research Lectures Series, UCSB (Spring 2001, Winter & Spring 2002 & 2003)

- Met with 17 guest scholars from the U.S., Canada and Europe and participated in faculty lunch seminars.
- Arranged logistics of speaker visits, including advertising, reception, accommodation, readings, and faculty seminars.
- Initiated meetings between graduate students and guest speakers (2002).
- Updated text, photos, and video on website after each visit (see <http://www.srhe.ucsb.edu/>).

Biological research

M.Sc. research: Department of Botany, University of Toronto (09/95-12/97)

- Conducted field and computer-based research on the evolutionary ecology of pollen limitation in flowering plants, resulting in four refereed papers.

Laboratory assistant: Department of Botany, University of Toronto (08/1995)

- Assisted graduate students with experimental research projects in plant reproductive biology.

N SERC undergraduate researcher: Department of Environmental Biology, University of Guelph, Guelph, Ontario (05-08/1993)

- Conducted insect biodiversity sampling program at Swan Lake Long-Term Ecological Research site, Algonquin Park, Ontario, using both malaise and pitfall traps.

Research assistant: World Wildlife Fund, Toronto, Ontario (06/1987 – 1990)

- Assisted with pollination biology research on two endangered species, Red Mulberry (*Morus rubra*) and Eastern Prickly Pear Cactus (*Opuntia humifusa*), at Point Pelee National Park, Ontario.

Biological consulting and inventory

Federation of Ontario Naturalists, Don Mills, Ontario (03-11/1998, \$25,000 CAN contract)

- Developed criteria and conducted field evaluation of the 35 highest quality woodlands (*Heritage Woodlands*) remaining in southern Ontario.
- Co-authored a book on woodlands in southern Ontario, their status, and the distinctiveness of those studied.

Regional Municipality of Ottawa-Carleton, Ottawa, Ontario (05-07/1995)

- Developed and then field-tested habitat linkage evaluation criteria for Natural Environment Systems Strategy.

Ontario Ministry of Natural Resources, Kemptville, Ontario (08-11/1994)

- Conducted biological inventory of Areas of Natural and Scientific Interest (ANSIs) and other natural areas in eastern Ontario.
- Mapped, described and evaluated vegetation communities; provided bird, plant, and butterfly species lists; collected voucher plant specimens; located rare plant populations.

City of London/Upper Thames River and Kettle Creek Conservation Authorities, London, Ontario (05-08/1994)

- Conducted biological inventory (as above) for regional watershed study.

City of Windsor, Windsor, Ontario (07/1994)

- Completed vegetation description of candidate natural heritage sites.

Terra Geographical Studies, Inc., Port Stanley, Ontario (1988-1996)

- Produced plant and breeding bird species lists for evaluation of candidate landfill sites located in about ten municipalities across Ontario.

Ontario Ministry of Natural Resources – Ontario Heritage Foundation, Toronto, Ontario, Canada (05-08/1991 & 1992)

- Conducted biological inventory (as above) of ANSIs on the Niagara Escarpment World Heritage Site.

Ontario Ministry of Natural Resources, London, Ontario (09/1989-03/1990)

- Produced report for the Committee on the Status of Endangered Wildlife in Canada (COSEWIC) on Shrubby St. John's-wort (*Hypericum prolificum*).

Ontario Ministry of Natural Resources, Chatham, Ontario (06-08/1988)

- Field assistant for biological inventory (as above) of Pelee, Middle and East Sister Islands, Ontario through Summer Experience Program '88.

TEACHING EXPERIENCE (See *Teaching Portfolio* on my website for further details)

Courses taught

Philosophy of Nature, Department of Philosophy, Oregon State University (one week writing-intensive field course in the Cascades, September 2004)

- Lectured and led discussions on language and worldview and on metaphors of nature.
- Assisted lead professor (Dr. Kathy Moore), facilitated discussion and excursions over remainder of the course.

The California Channel Islands, Environmental Studies (ES) Program, UCSB (Summer 2003)

- Extensively revised the course to incorporate both natural science and broader philosophical and social perspective.
- Used a range of pedagogical techniques to reach 35 students, including a weekend field trip to the islands, outdoor classes, PowerPoint presentations, classroom discussions, videos, readings, and multiple guest speakers. Supervised a teaching assistant (T.A.).
- Highlight was a dialogue on invasive species control between four guests, including the Superintendent of Channel Islands National Park and a local animal rights activist.

The California Channel Islands, ES Program, UCSB (Summer 2001)

- Developed course syllabus and reader with a natural history focus.
- Taught 38 students. Arranged guest speakers and organized weekend field trip to the Santa Cruz Island Field Station.
- Subsequently wrote evaluation letters for students that successfully placed them in Peace Corps, graduate school and as a grade school teacher.

Courses developed

The History of Life, Department of Geological Sciences, UCSB (Spring 2002 – Fall 2003)

- Created two discussion sections on the relationship between science and religion for a course taught by Dr. Bruce Tiffney.
- Edited a video of an evolution-intelligent design debate on campus for one section, and developed corresponding discussion questions.

Ecopsychology, ES Program, UCSB (Summer 2002)

- Co-developed this new course with Marc McGinnes J. D., co-led lecture discussions and helped organize weekend field trip.

Science, Religion and the Environment: Interwoven Worldviews, General Education program, UCSB (Fall 2001)

- Assisted Dr. James Proctor with research on worldviews, course design, selection of readings and videos, creation of assignments, and website development.

Instructional certification and training

Certificate in College and University Teaching (CCUT), UCSB (completed Fall 2003)

- Details provided in teaching portfolio (enclosed and/or online).

'Biology and Society' Programs: Preparing Students for Biology in Social Context, Vienna, Austria (Summer 2003)

- Teaching workshop, meetings of the International Society for the History, Philosophy and Social Studies of Biology (ISHPSSB)

The Process of Teaching, Graduate seminar, University of Toronto (Winter 1998)

- Participated in course that used mock lectures and other activities to improve understanding of classroom interaction.

Experience in writing pedagogy

Philosophy of Nature, Oregon State University (see above)

- Assisted students with writing projects
- Learned instructional tools for different genres, ranging from journaling, poetry and personal essay to philosophical argumentation.

Rhetorical grammar, UCSB (Winter 2004)

- Learned the basics of grammar in the context of its rhetorical capacities, knowledge that I have since shared with both undergraduate and graduate students to help clarify their writing

Weekend writing retreat, Manzanita Village, Warner Springs, CA (Winter 2004)

- Learned instructional tools, particularly related to 'writing blocks'

Academic Research Writing, Graduate seminar, UCSB (Fall 2002)

- Weekly writing workshop led by Dr. Susan McLeod (Writing Program)
- Gave collegial feedback on papers written by graduate students in other disciplines. Learned how to organize "writing groups."

Reading and Writing Poetry, UCSB (Fall 1999 and 2000)

Guest lectures (UCSB)

- “Metaphors of Conservation Biology” for *Conservation Biology* (Winter 2004)
- “Restoration and Militarism” for *Ecological Restoration* (Fall 2003)
- “Buddhism, Science, and Ecopsychology” for *Ecopsychology* (Summer and Fall 2003)
- “The Ethics of Environmental Language” for *Environmental Ethics* (Spring 2003)
- “Invasive Species” for *Environmental Ecology* (Fall 2001 and 2002)
- “Ideas of Nature in a Life” for *The Idea of Nature* (Fall 2001)
- “Science, Religion and Environment” for senior *Current Topics* (Fall 2001)
- “Values” for *Human Population and Environment* (Spring 2001)

Teaching assistantships

Environmental Studies Program, UCSB

Taught a total of *ten* discussion sections (220 students) for *three* courses. Responsibilities included organizing and developing sections, leading discussions, assisting students in office hours and review periods, writing study questions, designing quiz and exam questions, grading exams and assigning final grades.

World Agriculture, Food and Population (Winter 2003, 3 sections)

Environmental Ecology (Fall 2001 & Fall 2002, 2 sections each year)

Human Population and Environment (Spring 2001, 3 sections)

Department of Ecology, Evolution and Marine Biology, UCSB

Invertebrate Zoology (Spring 2003)

- Taught four lab sections (64 students), including one lab on identification of insect orders.
- Assisted with organization and preparation of student insect collections, and with identification of insect orders and families.
- Led insect collecting field trip. Graded insect collections.

Introductory Biology Lab (Winter 2002)

- Led eight labs on a variety of biology topics for two sections of 20 students.

University of Toronto

Statistics for Biologists, Department of Botany (Winter 1997 & 1998)

- Organized field trip to sample tree distribution in old-growth forest.
- Advised students and graded final papers.

Conservation Biology, Department of Zoology (Fall 1996 & 1997)

- Actively involved with development of this new course.
- Organized student seminar series, arranged field trips, invited guest speakers, graded assignments (written and oral) and exams.

Organisms in their Environment, Departments of Botany and Zoology (Sept. 1995 – April 1996)

- Conducted introductory biology labs for 24 students each week on a wide range of topics in ecology and evolutionary biology.
- I was ranked 6th of 39 lab instructors in student evaluations; four of the top five instructors had prior experience teaching the course.

Nature tour leader

- Organized and led one day field trips in spring (Bruce Peninsula) and summer (canoeing in Muskoka region) about plant reproductive biology for 15 members of the Field Botanists of Ontario (1997).
- Led weekend bird-watching tour in May on Pelee Island, Ontario for 20 members of Federation of Ontario Naturalists (1992-1995).
- Guided botanical field trip for Canadian Council on Ecological Areas annual meeting, Windsor, Ontario (1993).
- Guided field trip for 13th North American Prairie Conference, Windsor, Ontario (1992).
- Led weekend botanical field trip to natural areas on Pelee Island, Ontario for the Field Botanists of Ontario (1990).

PROFESSIONAL AND COMMUNITY SERVICE

Education committee: International Society for the History, Philosophy and Social Studies of Biology (ISHPSSB) (Fall 2003 – 2005)

Conference session organizer: *Metaphor and Communication*, ISHPSSB, Vienna, Austria (July 2003)

- Arranged session with five speakers at biannual meetings of the society.

Academic mentor: UCSB (Spring 2003)

- Held discussions based on weekly readings with undergraduate student who won the UCSB Chancellor's Award for Excellence in Undergraduate Research.

Dissertation support group leader: UCSB (Fall 2002 – Spring 2003)

- Initiated and organized weekly meeting of four UCSB Ph.D. students from different departments to discuss dissertation progress and set weekly goals.

Manuscript reviewer:

- Reviewed submissions to five scientific journals: American Journal of Botany, Canadian Entomologist, Canadian Field-Naturalist, Canadian Journal of Botany and Oikos (1996-2000).

Volunteer: Mother Theresa's Home for the Dying, Calcutta, India (June 1999)

Board of Directors: World Wildlife Fund Canada (1995-1998)

Vice-President: Botany Graduate Student's Association, Department of Botany, University of Toronto (1996-1997)

Steward: Canadian Union of Public Employees, Department of Botany, University of Toronto (1995-1997)

Dean search committee: College of Biological Science, University of Guelph (1993-1994)

University Senate representative: University of Guelph (1993-1994)

Board of Directors: Essex County Field Naturalists' Club, Ontario (1989-1990)

Volunteer field assistant: Environment Canada, Ottawa, Ontario (06/1987)

- Assisted with tree sampling at Point Pelee National Park, Ontario.

PUBLICATIONS

Books and book chapters

Larson, B. M. H. Entangled biological, linguistic and cultural origins of the war on invasive species. Accepted for R. Frank, R. Dirven, J. Zlatev and T. Ziemke (eds.). *Body, Language and Mind. Volume 2: Sociocultural Situatedness*. Mouton de Gruyter.

Larson, B. M., J. L. Riley, E. A. Snell and H. G. Godschalk. 1999. *The Woodland Heritage of Southern Ontario: A Study of Ecological Change, Distribution and Significance*. Federation of Ontario Naturalists, Don Mills, Ontario. 262 pp.

Articles in refereed journals

Larson, B. M. H., B. Nerlich and P. Wallis. 2005. Metaphors and biorisks: The war on infectious diseases and invasive species. Accepted by *Science Communication*.

Larson, B. M. H., P. G. Kevan and D. W. Inouye. 2001. Flies and flowers: taxonomic diversity of anthophiles and pollinators. *Canadian Entomologist* 133: 439-465.

Larson, B. M. H. and S. C. H. Barrett. 2000. A comparative analysis of pollen limitation in flowering plants. *Biological Journal of the Linnean Society* 69: 503-520.

Larson, B. M. H. and G. Waldron. 2000. Catastrophic windthrow in Rondeau Provincial Park, Ontario. *Canadian Field-Naturalist* 114: 78-82.

- Larson, B. M. H. and S. C. H. Barrett. 1999. The ecology of pollen limitation in buzz-pollinated *Rhexia virginica* (Melastomataceae). *Journal of Ecology* 87: 371-381. (short-listed for John Harper Young Investigator's Prize 1999)
- Larson, B. M. H. and S. C. H. Barrett. 1999. The pollination ecology of buzz-pollinated *Rhexia virginica* (Melastomataceae). *American Journal of Botany* 86: 502-511. (highlighted in *Science News* 155: 215)
- Larson, B. M. H. and S. C. H. Barrett. 1999. Reproductive biology of island and mainland populations of *Primula mistassinica* (Primulaceae) on Lake Huron shorelines. *Canadian Journal of Botany* 76: 1819-1827.
- Larson, B. M. H. 1999. Bumblebees, *Bombus* spp., foraging on Red Oak, *Quercus rubra*, acorn galls in southern Ontario. *Canadian Field-Naturalist* 113: 285-286.
- Larson, B. M. H. 1998. Visitation of the endemic Dwarf Lake Iris, *Iris lacustris*, by halictid bees. *Canadian Field-Naturalist* 112: 524-526.
- Catling, P. M. and B. M. H. Larson. 1997. The decline and current status of the dune race of Dwarf Cherry, *Prunus pumila* var. *pumila*, on the Canadian shores of the lower Great Lakes. *Canadian Field-Naturalist* 111: 187-193.
- Catling, P. M., M. J. Oldham, D. A. Sutherland, V. R. Brownell and B. M. H. Larson. 1997. The recent spread of Autumn-Olive, *Eleagnus umbellata*, into southern Ontario. *Canadian Field-Naturalist* 111: 376-380.
- Larson, B. 1996. The Yellow-throated Warbler: Soon to breed in Ontario? *Ontario Birds* 14: 3-9.
- Larson, B. M. H. and P. M. Catling. 1996. The separation of *Eleocharis obtusa* and *Eleocharis ovata* (Cyperaceae) in eastern Canada. *Canadian Journal of Botany* 74: 238-242.
- Larson, B. M. H. and D. Henson. 1996. Noteworthy collection. *Eleocharis nitida* Fern. (Cyperaceae), Ontario and Michigan. *Michigan Botanist* 35: 38-39.
- Larson, B. M. H. and G. Waldron. 1994. American Chestnut infected with hypovirulent blight at Arner Point, Ontario. *Michigan Botanist* 33: 109-115.

Articles and book chapters submitted or in preparation

- Kevan, P. G., D. W. Inouye and B. M. H. Larson. Flies and flowers. III. The foraging of flies at flowers. In preparation for *Canadian Entomologist*.
- Larson, B. M. H., K. Baake, J. J. Bono, K. Cuddington, Y. Haila, S. H. Hurlbert, E. F. Keller, D. Lach, G. M. Mikkelsen, T. Rohrer, L. B. Slobodkin and C. S. Word. The character of ecological metaphors. In preparation.

Larson, B. M. H. The metaphorical war on invasive species. Submitted to *Environmental Ethics*.

Larson, B. M. H. Review of Mary Midgley, *The Myths we live by*. Submitted to *metaphorik.de*.

Larson, B. M. H, T. L. Brown and W. C. Aird. Perspective on biomedical metaphors. In preparation for W. C. Aird (ed.). *Comprehensive Treatise on Endothelial Biomedicine*. Cambridge University Press.

Larson, B. M. H., P. M. Catling and G. Waldron. The Biology of Canadian Weeds: *Lonicera japonica*. In preparation for *Canadian Journal of Plant Sciences*.

Larson, B. M. H., D. W. Inouye, K. Lunau and P. G. Kevan. Flies and flowers. II. Floral rewards and attractants. Submitted to *Canadian Entomologist*.

Non-refereed contributions

Stewart, L., Roze, D. and B. Larson. 2000. A survey of complex natural landforms in northern New Mexico. Unpublished student papers, Complex Systems Summer School, Santa Fe, New Mexico.

Larson, B. M. H. and S. C. H. Barrett. 1997. Buzzing on the edge: the reproductive ecology of Meadow-beauty (*Rhexia virginica* L., Melastomataceae) in Ontario. *American Journal of Botany* 84 (Supplement): 85-86.

Larson, B. 1997. Is extraterrestrial life possible? No. Debate in University of Toronto 'Varsity' Newspaper, Science and Technology Section, April 1997.

Brownell, V. R. and B. M. H. Larson. 1995. *An Evaluation Framework for Natural Areas in the Regional Municipality of Ottawa-Carleton*. Regional Municipality of Ottawa-Carleton, Planning and Property Services Department. Volume 1. 120 pp. Technical Appendices. 91 pp.

Brownell, V. R. and B. M. H. Larson. 1995. *A Biological Inventory and Evaluation of the Old-growth Features of the Perch Lake Pine Forest*. Ontario Ministry of Natural Resources, Kemptville, Ontario. 73 pp.

Larson, B. M. 1995. All about Arums. *Seasons* (magazine of the Federation of Ontario Naturalists), Spring 1995: 24-28.

Larson, B. M. H. 1995. An assortment of new county plant records for southern Ontario: Evidence for Murphy's Law. *Field Botanists of Ontario Newsletter*, Spring 1995: 9-15.

- Bowles, J. M., W. B. Draper, A. Heagy, M. Kanter and B. Larson. 1994. *City of London Subwatershed Studies Life Science Inventory*. Upper Thames River Conservation Authority and City of London. 114 pp.
- Jalava, J. V., B. Larson, C. A. Schaefer and S. Varga. 1994. *Biological Inventory and Evaluation of the Hope Bay Forest Provincial Nature Reserve and Area of Natural and Scientific Interest*. Ontario Ministry of Natural Resources, Southern Region, Aurora, Ontario. Open File Ecological Report 50523. 110 pp. + 2 folded maps.
- Jalava, J. V., B. Larson and S. Varga. 1994. *Biological Inventory and Evaluation of the Glen Management Area, including the Shouldice Forest and the Mud Creek Escarpment Areas of Natural and Scientific Interest*. Ontario Ministry of Natural Resources, Southern Region, Aurora, Ontario. Open File Ecological Report 50520. 114 pp. + 5 folded maps.
- Jalava, J. V., S. Varga and B. Larson. 1994. *Biological Inventory and Evaluation of the Skinner Bluff Area of Natural and Scientific Interest*. Ontario Ministry of Natural Resources, Southern Region, Aurora, Ontario. Open File Ecological Report 50521. 98 pp. + 3 folded maps.
- Larson, B. M. H., S. M. McLernon and P. G. Kevan. 1994. A review of Diptera as pollinators. *Abstracts of the Third International Congress of Dipterology*: 127.
- Schaefer, C. A., B. Larson, J. V. Jalava and S. Varga. 1994. *Biological Inventory and Evaluation of the Caledon Mountain Slope Forest Area of Natural and Scientific Interest*. Ontario Ministry of Natural Resources, Southern Region, Aurora, Ontario. Open File Ecological Report 4924. 98 pp. + 3 folded maps.
- Varga, S., J. V. Jalava and B. Larson. 1994. *Biological Inventory and Evaluation of the Smokey Head - White Bluff Provincial Nature Reserve and Area of Natural and Scientific Interest*. Ontario Ministry of Natural Resources, Southern Region, Aurora, Ontario. Open File Ecological Report 50522. 116 pp. + 2 folded maps.
- Varga, S., J. V. Jalava and B. Larson. 1994. *Biological Inventory and Evaluation of the Mount Nemo Escarpment Area of Natural and Scientific Interest*. Ontario Ministry of Natural Resources, Southern Region, Aurora, Ontario. Open File Ecological Report 50517. 84 pp. + 2 folded maps.
- Varga, S., J. V. Jalava and B. Larson. 1994. *Biological Inventory and Evaluation of the Silver Creek Valley Area of Natural and Scientific Interest*. Ontario Ministry of Natural Resources, Southern Region, Aurora, Ontario. Open File Ecological Report 50516. 84 pp. + 2 folded maps.
- Jalava, J., B. Larson, C. Schaefer and S. Varga. 1992. *Biological Inventory and Evaluation of the Beamsville Escarpment Area of Natural and Scientific Interest*. Ontario

Ministry of Natural Resources, Southern Region, Aurora, Ontario. Open File Ecological Report 9203. 80 pp + 3 folded maps.

Jalava, J., C. Schaefer, B. Larson and S. Varga. 1992. *Biological Inventory and Evaluation of the Fifteen-Sixteen Mile Creek Valleys Area of Natural and Scientific Interest*. Ontario Ministry of Natural Resources, Southern Region, Aurora, Ontario. Open File Ecological Report 9204. 102 pp + 3 folded maps.

Larson, B. 1992. Report on the *Salix* workshop. *Field Botanists of Ontario Newsletter*, Fall 1992: 6-8.

Schaefer, C.A., J. Jalava, S. Varga and B. Larson. 1992. *Biological Inventory and Evaluation of the Jordan Valley Area of Natural and Scientific Interest*. Ontario Ministry of Natural Resources, Southern Region, Aurora, Ontario. Open File Ecological Report 9201. 112 pp + 3 folded maps.

Larson, B. 1990. Status report on Shrubby St. John's-wort (*Hypericum prolificum* L.): A vulnerable species in Canada. Report submitted to the Ontario Ministry of Natural Resources and the Committee on the Status of Endangered Wildlife in Canada. 30 pp.

CONFERENCE PRESENTATIONS AND INVITED LECTURES

The language of invasion biology: Conceptual and rhetorical dimensions. Center for Population Biology, University of California – Davis, October 2004.

War, invasion and competition: Implications of biological and medical metaphors. Center for Bioethics and Health Law, University of Pittsburgh, February 2004.

Competition and progress in a survey of evolutionary metaphors. Center for Philosophy of Science Colloquium, University of Pittsburgh, February 2004.

Militaristic metaphors in biology: Social implications of the war on invasive species. Institute for the Study of Genetics, Biorisks & Society, University of Nottingham, U.K., November 2003.

Militaristic metaphors in biology: Social implications of the war on invasive species. ESRC Centre for Genomics in Society, Exeter University, U.K., November 2003.

The metaphorical war on invasive species. International Cognitive Linguistics Conference, University of La Rioja, Spain, July 2003.

Cognitive linguistics meets evolutionary biology. Invited respondent for a session at the International Cognitive Linguistics Conference, University of La Rioja, Spain, July 2003.

The war on invasive species. International Society for the History, Philosophy and Social Studies of Biology, University of Vienna, Austria, July 2003.

Evolutionary metaphors as messengers: The role of evolutionary biology in society. Poster at the Society for the Study of Evolution meetings, University of Illinois, Champaign-Urbana, July 2002.

The comparative biology of pollen limitation in angiosperms. Society for the Study of Evolution meetings, University of British Columbia, 1998.

The ecology of pollen limitation in buzz-pollinated *Rhexia virginica*. Ontario Ecology and Ethology Colloquium, Queen's University, 1998.

Buzzing on the edge: The reproductive ecology of Meadow-beauty (*Rhexia virginica* L., Melastomataceae) in Ontario. Ontario Ecology and Ethology Colloquium, University of Western Ontario, 1997.

Island and mainland reproductive biology of Bird's-eye Primrose (*Primula mistassinica* Michx., Primulaceae) on Lake Huron shorelines. Ontario Ecology and Ethology Colloquium, University of Western Ontario, 1997.

Pollen limitation in Angiosperms: Is prediction possible? Ontario Ecology and Ethology Colloquium, University of Ottawa, 1996.

Puna, rheas, peccaries and bottle trees: A survey of Argentinian biodiversity. Graduate Seminar Series, Department of Botany, University of Toronto, 1995.