

NATHAN P. LORD

Curriculum Vitae

25 November, 2013

Department of Biology, 401 Widtsoe Building, Brigham Young University
Provo, UT 84602, Bothriderid@gmail.com
www.ColeopteraSystematics.com

EDUCATION

- Ph.D. Dept. of Biology, University of New Mexico. 2013. Major Advisor: Kelly B. Miller. Dissertation Title: Systematics within the Zopheridae Complex (Coleoptera: Tenebrionoidea).
M.S. Dept. of Entomology. University of Georgia. 2008. Major Advisor: Joseph V. McHugh.
B.S. Dept. of Entomology, University of Georgia. 2006.

PROFESSIONAL APPOINTMENTS

- August, 2013–current
Post-Doctoral Fellow, Seth Bybee Lab, Department of Biology, Brigham Young University, Provo, UT.

PUBLICATIONS

Book Chapters

2010. Ślipiński, A.S., N.P. Lord and J.F. Lawrence. 10.28. Bothrideridae Erichson, 1845. Pp.411–422 *in*: Handbook of Zoology. Band/Volume IV Arthropoda: Insecta Teilband/Part 38. Coleoptera, Beetles. Volume 2. Morphology and Systematics (Polyphaga partim). (Eds RG Beutel, RAB Leschen and JF Lawrence). W. DeGruyter, Berlin.

Refereed Journal Articles

2013. Lord, N.P. and J.V. McHugh. A Monographic Revision of the Genus *Deretaphrus* Newman (Coleoptera: Bothrideridae). Selected as the 2013 *Vaurie Monograph* (Series published annually by *The Coleopterists Bulletin*). Accepted 20 Oct. 2013, publication date 20 Dec. 2013. 107 pgs.
2010. Lord, N.P., C.S. Hartley, K.B. Miller, J.V. McHugh, M.F. Whiting. Phylogenetic Analysis of the Minute Brown Scavenger Beetles (Coleoptera: Latridiidae), and Recognition of a New Beetle Family, Akalyptoischionidae, fam. n. (Coleoptera: Cucujoidea). *Systematic Entomology*, 35: 753–763.
2010. Bousquet, Y., P. Bouchard, and N.P. Lord. Case 3517. LATRIDIIDAE Erichson, 1842 (Insecta, Coleoptera): proposed precedence over CORTICARIIDAE Curtis, 1829; and *Corticaria* Marsham, 1802: proposed conservation of usage by designation of *Corticaria ferruginea* Marsham, 1802 as the type species. *Bulletin of Zoological Nomenclature*, 67(2). June, 2010.
2008. Shockley, F.W., M.D. Ulyshen, and N.P. Lord. New state records and natural history notes for *Micropsephodes lundgreni* Leschen and Carlton (Coleoptera: Endomychidae). *The Coleopterists Bulletin*, 62(3): 350–352.

Refereed Electronic Publications

2012. Nearn, E.H., Lord, N.P., Lingafelter, S.W., Santos-Silva, A., and K.B. Miller. Longicorn ID: Tool for Diagnosing Cerambycoid Families, Subfamilies, and Tribes. The University of New Mexico and Center for Plant Health Science and Technology, USDA, APHIS, PPQ. <http://cerambycids.com/longicornid/>
2011. Lord, N.P., Nearn, E.H., & K.B. Miller. Ironclad ID, Tool for diagnosing ironclad and cylindrical bark beetles (Coleoptera: Zopheridae) of North America north of Mexico. The University of New

- Mexico and Center for Plant Health Science and Technology, USDA, APHIS, PPQ. <http://coleopterasystematics.com/ironcladid/>
2011. Nearn, E.H., Lord, N.P., & K.B. Miller. Oncid ID, Tool for diagnosing adult twig girdlers(Cerambycidae: Lamiinae: Onciderini). The University of New Mexico and Center for Plant Health Science and Technology, USDA, APHIS, PPQ. <http://cerambycids.com/oncidid/>

In Review or Submitted Articles (manuscripts available upon request)

2013. Lord, N.P., C.E. Carlton and R.A.B. Leschen. A New Species of *Leptochromus* Motschulsky from Costa Rica (Coleoptera: Staphylinidae: Scydmaeninae: Mastigitae: Clidicini) with Notes on Morphology and Natural History. Accepted by *The Coleopterists Bulletin*.
2013. Lord, N.P. and R.A.B. Leschen. Catalog and Type Designations of the New Zealand Zopheridae. Accepted by *Zootaxa*.

Articles in Preparation (manuscripts available upon request)

- Lord, N.P., J.V. McHugh, J.S. Shields, and K.B. Miller. Novel Microscopy Techniques Reveal Multiple Evolutionary Origins of Metal Incorporation into Mandibles of the Megadiverse Beetles (Coleoptera) (planned submission to *Nature*).
- Lord, N.P., R.A.B. Leschen, E. Nearn, & K.B. Miller. NZ Zopherid ID, Tool for diagnosing Genera of New Zealand Zopheridae. The University of New Mexico and Center for Plant Health Science and Technology, USDA, APHIS, PPQ. (planned submission to USDA/APHIS).
- Lord, N.P., K.B. Miller, et al. A Phylogeny of the Zopheridae of the World (Coleoptera: Tenebrionoidea) (planned submission to *Systematic Entomology*).
- Alekseev, V.I. and N.P. Lord. A New Species of *Xylolaemus* (Coleoptera: Zopheridae: Colydiinae) from Baltic Amber (planned submission to *Zootaxa*).
- Lord, N.P. and M.A. Ivie. Several new genera and species of New World Zopheridae (Coleoptera: Tenebrionoidea) (planned submission to *Coleopterists Bulletin*).
- Ivie, M.A., N.P. Lord, I.A. Foley, and S.A. Slipinski. A Review of the New World Colydiinae (Coleoptera: Zopheridae) (planned submission to *Annales Zoologica*).

Electronic Resources

2009. Lord, N.P. Bothrideridae. Cocoon-forming beetles. <http://tolweb.org/Bothrideridae/9165> in The Tree of Life Web Project.
2009. Shockley, F.W., C.S. Hartley, N.P. Lord. Latridiidae. Minute brown scavenger beetles. <http://tolweb.org/Latridiidae/9172> in The Tree of Life Web Project.

Published Abstracts and Proceedings

2007. Lord, N.P., K.B. Miller, J.V. McHugh, M.F. Whiting and C.S. Hartley. A molecular phylogeny of the Minute Brown Scavenger Beetles (Coleoptera: Latridiidae) with implications on family classification. Program for the PEET VI Biennial Conference, Athens, GA. March 26-29, 2007. 87 pp.

GRANTS AND FUNDING (Total awarded: \$214,159; Pending: \$321,500)

2014. NSF DEB Small Grant – Buprestidae Phylogenetics (\$ 195,000, **Pending**)
2014. USDA/APHIS Farm Bill proposal – Buprestid ID Interactive Key (\$126,500, **Pending**)
2012. NSF Doctoral Dissertation Improvement Grant (\$19,570)
2012. Society of Systematic Biologists Mini-ARTS Grant (\$3,000)
2012. USDA/APHIS Supplemental Funds (\$2,000)
2012. UNM Office of Grad. Studies Graduate Research Supplement Grant (\$2,000)
2012. Ernst Mayr Travel Grant, Museum of Comparative Zoology, Harvard (\$1,500)
2012. UNM Office of Grad. Studies Research Project and Travel Grant (\$620)
2012. Grad. Research Allocations Committee, UNM Dept. of Biology (\$304)
2012. Grad. Research Allocations Committee, UNM Dept. of Biology (\$150)

- 2012. Sigma Xi Grants-in-Aid of Research (GIAR) (\$669)
- 2012. American Museum of Natural History Weevil Course Stipend (\$500)
- 2012. Lynn A. Hertel Graduate Research Scholarship, UNM Dept. of Biology (\$2,000)
- 2012. Grove Summer Research Scholarship, UNM Dept. of Biology (\$3,000)
- 2012. Entomological Soc. Of America SysEB Section Student Travel Award (\$1,000)
- 2012. Grad. Research Allocations Committee, UNM Dept. of Biology (\$400)
- 2010. USDA-CPHST: Lucid Key to Wood Boring Beetles (Cerambycidae & Zopheridae), awarded to K.B. Miller (P.I.), N.P. Lord, and E.H. Nearn (Co-P.I.s) (\$173,000)
- 2010. Student Fellowship, North American Workshop in Cladistics Methods, The Ohio State University & The Willi Hennig Society, Columbus, OH (\$600)
- 2009. Grad. Research Allocations Committee, UNM Dept. of Biology (\$400)
- 2009. Grad. Research Allocations Committee, UNM Dept. of Biology (\$150)
- 2009. Grad. Research Allocations Committee, UNM Dept. of Biology (\$396)
- 2007. H.H. Ross Memorial Foundation, UGA Dept. of Entomology (\$750)
- 2005. H.H. Ross Memorial Foundation, UGA Dept. of Entomology (\$1500)
- 2005. Joshua Laerm Academic Support Grant, GA Museum of Natural History (\$650)

AWARDS AND HONORS (*Selected*)

- 2013. Patricia Vaurie Monograph Award, given by the Coleopterists Society.
- 2008. Kirby L. Hays Memorial Award, given by the Southeastern Branch of the Entomological Society of America
- 2008. E. Broadus Browne Outstanding Research Award, M.S. Division, College of Agriculture and Environmental Sciences, University of Georgia.
- 2008. Outstanding M.S. Student Award, Georgia Entomological Society.
- 2008. Outstanding Teaching Assistant Award, Dept. of Biology, University of Georgia.
- 2008. First Place, M.S. Student Paper Competition, Southeastern Branch Meeting of the Entomological Society of America.
- 2008. H.O. Lund Outstanding Master's Student Award, Dept. of Entomology, University of Georgia, Athens, Ga.
- 2008. Runner-Up, T.L. Bissell Award in the M.S. Student Paper Competition, Georgia Entomological Society.
- 2007. Outstanding M.S. Student Award, Georgia Entomological Society.
- 2005. First Place, President's Prize, poster presentation, Entomological Society of America Annual Meeting.

PRESENTATIONS

Invited Presentations

- 2014. Michigan State University, East Lansing, Mi. (*Invited Seminar, scheduled for February, 2014*)
- 2013. Lord, N.P., R.A.B. Leschen, and T.R. Buckley. NZ ZopherID: a comprehensive electronic tool to a taxonomically difficult group of New Zealand beetles. SysEB Section Symposium: Interactive Keys Transforming Identification: Melding Traditional Methods with New Technologies. Annual Meeting of the Entomological Society of America, Austin, Tx. November 10–13.
- 2013. Lord, N.P. and K.B. Miller. An Ironclad family? The first phylogeny of Zopheridae (Coleoptera: Tenebrionoidea) based on molecular data. SysEB Member Symposium: Taxonomy and Systematics within the Tenebrionoidea (Coleoptera). Annual Meeting of the Entomological Society of America, Austin, Tx. November 10–13.
- 2013. Ivie, M.A., I.A. Foley, and N.P. Lord. *Phreatus* - What is it? SysEB Member Symposium: Taxonomy and Systematics within the Tenebrionoidea (Coleoptera). Annual Meeting of the Entomological Society of America, Austin, Tx. November 10–13.
- 2013. Nearn, E.H., N.P. Lord, S.W. Lingafelter, and A. Santos-Silva. Developing Longicorn ID: Tool for Diagnosing Cerambycid Families, Subfamilies, and Tribes. SysEB Section Symposium: Interactive Keys Transforming Identification: Melding Traditional Methods with New Technologies. Annual Meeting of the Entomological Society of America, Austin, Tx. November 10–13.

2012. Lord, N.P. The trials and tribulations of hunting Bothrideridae and Zopheridae. SysEB Section Symposia: Ecology and Conservation of Saproxyllic Insects. Annual Meeting of the Entomological Society of America, Knoxville, Tn. November 11–14.
2011. Lord, N.P., R.A.B. Leschen, and Buckley, T. From Broun to Bayesian: morphological and molecular investigations of the Zopheridae of New Zealand. SysEB Section Symposia: Taxonomy and Systematics of the Tenebrionoidea (Coleoptera). Annual Meeting of the Entomological Society of America, Reno, Nv. November 12–16.
2010. Lord, N.P., K.B. Miller, and J.V. McHugh. Bothrideridae: The Ectoparasitic, Cocoon-Forming Beetles. SysEB Section Symposium: Systematics of the Cerylonid Series of Cucujoidea (Coleoptera). Annual Meeting of the Entomological Society of America, San Diego, Ca. December 12–15.
2008. Lord, N.P. Systematics within the Cerylonid Series. CSIRO Divisional Seminar Series 2008, Division of Entomology, Canberra, Australia. October 2.
2007. Lord, N.P. Patronymy for Sale: A Schema for the Potential Benefit and Assistance to Taxonomic Research. Graduate Student Committee Student Symposium: NSF PEET VI Meeting, Athens, Ga. March 26–29.

Contributed Papers at Scientific Meetings (Selected)

2013. Lord, N.P., J.V. McHugh, J.P. Shields, and K.B. Miller. Heavy metals in beetle mandibles: the first comprehensive analysis of incorporation, with evolutionary origins and implications. 10-minute Student Paper Competition at the Annual Meeting of the Entomological Society of America, Austin, Tx. November 10–13.
2012. Lord, N.P. and K.B. Miller. Not So Ironclad (Beetles): The First Large-Scale Phylogeny of the Family Zopheridae (Coleoptera: Tenebrionoidea). 10-minute Student Paper Competition at the Annual Meeting of the Entomological Society of America, Knoxville, Tn. November 11–14.
2012. Leschen, R., T. Buckley, K. Marske, and N.P. Lord. Local variation, species, and biogeography of New Zealand beetles. International Congress of Entomology (ICE) Meeting, Daegu, Korea, August 19–24.
2010. Lord, N.P., E.H. Nearns, and K.B. Miller. Systematics in the 21st Century: Developing LUCID Keys to Enhance Taxonomy. Entomological Collections Network Annual Meeting, San Diego, Ca. December 11–12.
2009. Lord, N.P., J.V. McHugh, and K.B. Miller. Analytical microscopy methods reveal new morphological characters and physiological properties in beetle mandibles. 10-minute Student Paper Competition at the Annual Meeting of the Entomological Society of America, Indianapolis, In. December 13–16.
2008. Lord, N.P. A taxonomic revision of the genus *Deretaphrus* Newman (Coleoptera: Bothrideridae). E. Broadus Browne Research Award Competition for the College of Agriculture and Environmental Sciences, University of Georgia, Athens, Ga. April 17.
2008. Lord, N.P. Bothrideridae: Some of the coolest beetles you've never heard of, with a revision of the genus *Deretaphrus* Newman. M.S. Student Paper Competition at the Southeastern Branch of the Entomological Society of America Annual Meeting, Jacksonville, Fl. March 2–5.
2005. Lord, N.P. Molecular Phylogeny of Minute Scavenger Beetles (Coleoptera: Latridiidae): Specks at the bottom of the bag. NSF Research Presentation: Integrative Biology Dept., Brigham Young University, Provo, Ut. July.

Contributed Posters at National Scientific Meetings (Selected)

2008. Lord, N.P., J.P. Shields, and J.V. McHugh. Analytical microscopy methods reveal new morphological characters and physiological properties in beetle mandibles. Annual Meeting of the Entomological Society of America, Reno, Nv. November 16–19.
2007. Lord, N.P. and J.V. McHugh. A preliminary morphological study of the genus *Deretaphrus* Newman (Coleoptera: Bothrideridae). Student Poster Competition at the Annual Meeting of the Entomological Society of America, San Diego, Ca. December 9–13.

2005. Lord, N.P., C. Hartley, J.V. McHugh, K.B. Miller, and M.F. Whiting. Molecular Phylogeny of Minute Scavenger Beetles (Coleoptera: Latridiidae): Specks at the bottom of the bag. Annual Meeting of the Entomological Society of America, Ft. Lauderdale, Fl. December.

TEACHING EXPERIENCE

University of New Mexico

2013. Graduate Teaching Assistant, On-Line laboratory for Biology for Non-Majors, Dept. of Biology.
2012. Graduate Teaching Assistant, On-Line laboratory for Human Anatomy & Physiology I, Dept. of Biology.
2010. Graduate Teaching Assistant, Entomology Field and Lab Techniques – Costa Rica, Dept. of Biology.
2009. Graduate Teaching Assistant, Genetics, Dept. of Biology.

University of Georgia

2008. Graduate Teaching Assistant, General Entomology, Dept. of Entomology.
2007. Graduate Teaching Assistant, Insect Taxonomy, Dept. of Entomology.
2007. Co-Instructor, Insect Natural History in Costa Rica, Dept. of Entomology.
2007. Graduate Laboratory Assistant, Honors Organismal Biology, Dept. of Biology.
2006. Graduate Laboratory Assistant, Organismal Biology, Dept. of Biology.

GRADUATE MENTORSHIP

Anton Suvorov, Ph.D. Student, Department of Biology, Brigham Young University
Haley Wightman, Ph.D. Student, Department of Biology, Brigham Young University
Gavin Martin, M.S. Student, Department of Biology, Brigham Young University

UNDERGRADUATE MENTORSHIP

Preston Arnold, Department of Biochemistry, Brigham Young University
Martha Lara, Department of Biology, University of New Mexico
Larisa Crippen y Chavez, Department of Biology, University of New Mexico

RESEARCH EXPERIENCE

Lab Research

- 2013–present Post-Doctoral Fellow, Seth Bybee Lab, Department of Biology, Brigham Young University.
2008–2013. Research Assistant, Invertebrate Systematics Lab (Kelly Miller), Dept. of Biology, University of New Mexico.
2005. National Science Foundation REU, Systematics and Bioinformatics, Brigham Young University, REU grant DBI-013950 (to D.S. Rogers, D. McClellan and L. Johnson).
2005. National Science Foundation REU, NSF PEET Grant #DEB-0329115 (to J.V. McHugh, K.B. Miller and M.F. Whiting).

Field Work

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| 2013. Vietnam. | 2008. Madagascar. |
| 2012. Costa Rica, Panama. | 2007. Costa Rica. |
| 2011. New Zealand. | 2006. Panama. |
| 2010. Costa Rica. | 2005. Bolivia. |
| 2009. Bolivia, Panama. | |

Museum Research

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| 2013. ANIC, Canberra, Australia. | 2011. MSUC/MAIC, Bozeman, MT, USA |
| 2013. NZAC, Auckland, New Zealand | 2011. MRAC, Tervuren, Belgium |
| 2012. AMNH, New York City, NY, USA | 2011. IRSNB, Brussels, Belgium |
| 2012. USNM, Washington D.C., USA | 2011. SEMC, Lawrence, KS, USA |
| 2011. BMNH, London, United Kingdom | 2011. MZSP, São Paulo, Brazil |
| 2011. MNHN, Paris, France | 2011. MNRJ, Rio de Janeiro, Brazil |

2011. NZAC, Auckland, New Zealand
2011. USNM, Washington D.C., USA
2011. FSCA, Gainesville, FL, USA
2010. BMNH, London, United Kingdom
2010. MNHN, Paris, France
2010. USNM, Washington D.C., USA
2010. QMBA, Queensland, Australia
2010. ANIC, Canberra, Australia
2010. NZAC, Auckland, New Zealand

2009. UASC, Santa Cruz, Bolivia
2009. STRI, Gamboa, Panama
2008. BPBM, Honolulu, HI
2008. ANIC, Canberra, Australia
2007. INBio, San Jose, Costa Rica
2007. FSCA, Gainesville, FL, USA.
2006. STRI, Gamboa, Panama
2005. UASC, Santa Cruz, Bolivia.

PROFESSIONAL MEETINGS/WORKSHOPS

2013. Entomological Society of America Annual meeting. Austin, TX.
2012. Entomological Society of America Annual meeting. Knoxville, TN.
2012. American Museum of Natural History Weevil Course. Southwestern Research Station, Portal, AZ.
2012. Organization for Tropical Studies (OTS) Specialty Course: Diversity and Systematics of Coleoptera (Beetles). La Selva Biological Station, Costa Rica.
2011. Entomological Society of America Annual meeting. Reno, NV.
2010. North American Workshop in Cladistics Methods, The Ohio State University & The Willi Hennig Society. Ohio State University, Columbus, Ohio.
2010. Entomological Society of America Annual meeting. San Diego, CA.
2009. Entomological Society of America Annual meeting. Indianapolis, IN.
2007. Beetles of the World Workshop presented by John Lawrence (CSIRO, Australia), S.A. Ślipiński (CSIRO, Australia), and Michael Ivie (Montana State University). Montana State University, Bozeman, MT.
2007. Entomological Society of America Annual meeting. San Diego, CA.
2007. PEET VI Conference: Reaching Out. University of Georgia, Athens, GA.
2006. Taxonomy and Classification of the Cucujoidea, presented by S.A. Ślipiński, CSIRO, Australia. University of Georgia, Athens, GA.
2006. Biodiversity Informatics Workshop, presented by Norman F. Johnson and Luciana Musetti. University of Georgia, Athens, GA.
2006. Entomological Society of America Annual meeting. Indianapolis, IN.
2005. Entomological Society of America Annual meeting. Ft. Lauderdale, FL.
2004. Entomological Society of America Annual meeting. Salt Lake City, UT.

PROFESSIONAL SERVICE

Review Editor: Frontiers in Phylogenetics, Phylogenomics, and Systematics. 2013–current.
Subject Editor: Zootaxa (Cucujiformia, incl. Cucujoidea and Tenebrionoidea). 2012–current.
Journal Referee: Systematic Entomology, Proceedings of the Entomological Society of Washington, Deutsche Entomologische Zeitschrift, Acta Entomologica Musei Nationalis Pragae, Japanese Journal of Systematic Entomology, Banisteria. 2012–current.
Co-Organizer: Member Symposium during the Entomological Society of America Annual Meeting, 2013 in Austin, TX. Title: Taxonomy and Systematics within the Tenebrionoidea (Coleoptera).
Society Officer: Student Councilor for the Coleopterists Society. 2011–2012.
Committees: Graduate Student Committee, NSF PEET grant meeting VI. 2007.

DEPARTMENTAL / UNIVERSITY SERVICE

Faculty Search Committee Representative, University of New Mexico Biology Graduate Student Association. 2012–2013.
Ambassador for the College of Agricultural and Environmental Sciences at the University of Georgia. 2005–2006.
Vice President, Head of Curation, H.O. Lund Entomology Club at the University of Georgia. 2005–2006.

PROFESSIONAL MEMBERSHIPS

American Association for the Advancement of Science, American Entomological Society, Center for Systematic Entomology, The Coleopterists Society, Entomological Society of America, The Explorers Club, Georgia Entomological Society, Sigma Xi, Society of Systematic Biologists, Willi Hennig Society.

RELATED PROFESSIONAL SKILLS

- NGS molecular methods (RNA/DNA extraction, Illumina library prep., transcriptome generation, pipeline utilization)
- Sanger molecular methods (Sanger Extraction, Amplification/PCR, Sequencing)
- Phylogenetic Analyses (Sequence Management and Alignment, Phylogenetic Tree Building, Parsimony, ML and Bayesian Methods, Dating/Biogeographic/Lineage Divergence Time calculations)
- Comparative Morphology (digital illustrations/Adobe Illustrator, dissection, slide mounting, morphological scoring, Cladistic analyses, character evolution, and ancestral state reconstruction methods)
- Museum Collections Experience (identification, curation, databasing, management)
- Digital Imaging Specialization (composite stacking, image editing)
- Microscopy Methods (SEM, VP-SEM, X-Ray EDS)
- Interactive/Electronic Keys (LUCID v.3.5)
- Field Collecting Experience (Expedition logistics/planning, various collecting techniques)
- Experience with Blackboard Collaborate / LEARN content management system for on-line/ distance learning instruction.

PROFESSIONAL REFERENCES

Seth M. Bybee, Ph.D. (Post-Doctoral Advisor)
Brigham Young University, Department of Biology, 401 WIDB, Provo, UT 84602, USA. Email- seth.bybee@gmail.com Office- (801) 422-5363.

Kelly B. Miller, Ph.D. (Ph.D. Advisor)
University of New Mexico, Department of Biology, 167 Castetter Hall, MSC03 2020, Albuquerque, NM 87131, USA. Email- kbmiller@unm.edu Office- (505) 277-8168.

Joseph V. McHugh, Ph.D. (M.S. and Undergraduate Advisor)
University of Georgia, Department of Entomology, 413 Biological Sciences Building, Athens, GA 30602, USA. Email- mchugh.jv@gmail.com Office- (706) 542-3574.

Richard A.B. Leschen, Ph.D. (Collaborator, Research Mentor)
New Zealand Arthropod Collection, Landcare Research, Private Bag 92170, Auckland Mail Centre, Auckland 1142, New Zealand. Email- LeschenR@landcareresearch.co.nz Office- +64 9 574 4100.

Adam S. Ślipiński, Ph.D. (Collaborator, Research Mentor)
CSIRO Entomology, Black Mountain Laboratories, Clunies Ross St. Black Mountain ACT 2601, Australia. Email- Adam.Slipinski@csiro.au Office- +61 2 6246 4268.