**Stacey Strenge, Ph.D.**

8065 157th Ave SE

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Objective: To obtain the position of Insect Collection Manager at the prestigious Field Museum of

Natural History.

Experience: Earthwatch Expedition, Mercantour, France July-August 2014

Expedition Volunteer: Duties included helping researchers with measuring, tagging, and assisting in the discovery of a new species of spider, Troglocheles lanai.

University of Minnesota Insect Collection (UMSP) September 2010-2014

Responsible for curation, identification, and specimen data management of Trichoptera and other insect orders, supervision of undergraduate student workers, and specimen database management. Additional duties include writing and developing grants which fund the Entomology Department.

Education: University of Minnesota, Minneapolis, MN

MBA Business Management GPA 4.0 September 2008-August 2010

Relevant coursework: Accounting, Finance, Marketing, Computer Science, Applied Economics, Information and Decision Sciences, Sociology, Strategic Management, Domestic and International Law.

University of Minnesota, Falcon Heights, MN

MA Biology and PhD Entomology GPA 4.0 September 2002-August 2009

Relevant coursework: Ecology and Evolution, Plant and Animal Physiology, Biology Seminar, Chemistry, Organic Chemistry I, Organic Chemistry II, Genetics, The Galapagos Islands and Ecuador in Transition, Animal Behavior, Invertebrate Biology.

University of Minnesota Itasca Biological Field Station June-July 2008 Relevant coursework: Aquatic Entomology, Animal Telemetry, Field Ornithology, Entomology Photography.

University of Oregon: Oregon Institute of Marine Biology August 2007 Relevant coursework: Coastal Ecology.

Skills: Field collection expertise: Canopy fogging, light-traps, Malaise traps, flight interception, pan traps, aspiration, Berlese funnels, emergence traps, aerial nets, surber sampler, kick net, aquatic nets, drift nets; field data recording, pinning, and labeling.

Processing of specimens (sorting, spreading, double-mounting, pointing, alcohol preservation, data labeling, specimen bar-coding), micro-dissection techniques (removal of genitalia, lactic acid/KOH clearing, staining), preparing specimens for shipping, accessions.

Specimen database management: Responsible for maintaining the UMSP Trichoptera Holdings Online Biota Database with over 500,000 specimens, authored online database tutorial, geo-referencing, iMap mapping software.

Specimen imaging & illustration: Scientific illustration using camera lucida, optical grid, Adobe Illustrator & Photoshop, Leica microscopic photography, Auto-montage 3D imaging and SEM.

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References

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