

Sylvie Tissandier

Redpath Museum, McGill University, 859 Sherbrooke St. W., Montreal, Quebec, H3A 2K6
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EDUCATION

- Master of Science candidate, Biology**, McGill University **2004-present**
- Expected graduation February 2007
- Bachelor of Science, Honors in Palaeontology**, University of Alberta **2000-2004**
- First Class Standing
- High School Diploma**, Canmore Collegiate High School **1996-2000**
- French Immersion, with Honors

RESEARCH EXPERIENCE

- Master of Science** **2004-present**
- “Evolution of modular morphology of actinopterygian pectoral fins”
 - Supervisor Dr. Hans C.E. Larsson
- Bachelor of Science Honors Thesis** **2003-2004**
- “Review of *Keichousaurus hui* (Sauropterygia) and analysis of pachypleurosauro interrelationships”. Supervisors Dr. Michael W. Caldwell & Dr. Mark V.H. Wilson
- Bachelor of Science Independent Research Project** **2003**
- “Giant snake from the (?)Eocene of Mali: Revised diagnosis and geographic range extension of *Palaeophis colossaeus*”. Supervisor Dr. Michael W. Caldwell
- Participant in Society of Vertebrate Paleontology 65th Symposium** **2005**
- Morphology, Phylogeny and Biogeography of Fossil Fishes – A Symposium in Honor of Meemann Chang

FIELD EXPERIENCE

- High Arctic palaeontological exploration**, McGill University **07/2006**
- Sabine Peninsula, Melville Island, Nunavut; 3 weeks
 - Prospecting highly remote areas for new fossil-bearing localities
 - Responsible for assisting with organization, safety, planning, food preparation
- Vertebrate palaeontology field course (Biol 573)**, McGill University **07/2005**
- Dry Island Buffalo Jump Provincial Park, Alberta; 3 weeks
- Field Technician and Program Coordinator**, Day Digs Program **05-08/2004**

- Royal Tyrrell Museum of Palaeontology, Drumheller, Alberta

Field Technician, Day Digs Program **05-08/2003**

- Royal Tyrrell Museum of Palaeontology, Drumheller, Alberta

Geology field school (EAS 234), University of Alberta **05/2002**

- Jasper, Alberta, 2 weeks

TEACHING EXPERIENCE

Teaching Assistant, Biology of Organisms (Biol 205) **01-04/2006**

- McGill University, taught by Dr. R. Dhindsa & Dr. R. Krahe

Volunteer, Montreal Museums Day, Redpath Museum **2005, 2006**

Mentor, SCIBer Mentor, Science and Engineering Email Mentorship for Girls **2005-2006**

Volunteer, Let's Talk Science, McGill University chapter **2004-2006**

Teaching Assistant, Introduction to Ecology & Evolution (Biol 215) **09-12/2005**

- McGill University, taught by Dr. N. Price, Dr. E. Abouheif, & Dr. C. Potvin

Teaching Assistant, Biology of Organisms (Biol 205) **01-04/2005**

- McGill University, taught by Dr. R. Dhindsa & Dr. D. Kramer

Participant, Tomlinson University Science Teaching Project **2005**

Teaching Assistant, Introduction to Ecology & Evolution (Biol 215) **09-12/2004**

- McGill University, taught by Dr. N. Price, Dr. E. Abouheif, & Dr. C. Potvin

Educational Interpreter, **05-08/2002**

- Royal Tyrrell Museum of Palaeontology, Drumheller, Alberta

CONFERENCE PRESENTATIONS

REFEREED:

Tissandier, S.C. & H.C.E. Larsson. 2005. Insights from modular disparity of actinopterygian pectoral fins. *Journal of Vertebrate Paleontology*, 25 (3) suppl.: 122A.

Tissandier, S.C. & M.W. Caldwell. 2004. Comparative morphology and intracolumnar variation in *Palaeophis colossaeus*. *Journal of Vertebrate Paleontology*, 24 (3) suppl.: 121A.

NON-REFEREED:

Tissandier, S.C. & H.C.E. Larsson. 2006. Morphological changes in the pectoral fins of ray-finned fish. *Interdisciplinary Graduate Student Research Symposium Abstract Volume*: 67.

Tissandier, S.C. & H.C.E. Larsson. 2006. Modular disparity in actinopterygian pectoral fins. *Canadian Society for Ecology and Evolution Symposium*: 86.

Tissandier, S.C. 2005. Review of *Keichousaurus hui* and discussion of pachypleurosauro interrelationships. *Interdisciplinary Student Symposium*: 62.

Tissandier, S.C. 2004. Giant (?)Eocene snake from Mali: a range extension of *Palaeophis colossaeus* and paleobiological implications. *Alberta Paleontological Society Symposium*, Proceedings No.1: 66-68.

Tissandier, S.C. 2003. New material and geographic range extension of *Palaeophis colossaeus*: a giant snake from the (?)Eocene of Mali. *Canadian Paleontology Conference*, Proceedings No. 1: 40-42.

MEMBERSHIPS IN SCIENTIFIC ASSOCIATIONS

- Canadian Society for Ecology and Evolution since 2006
- Canadian Society of Zoologists since 2006
- Arctic Institute of North America since 2006
- Society of Vertebrate Paleontology since 2002
- Executive Member, University of Alberta Paleontological Association 2003-2004
- Alberta Paleontological Society 2002-2004

ACADEMIC AWARDS

- Northern Scientific Training Program 2006
- Visiting Scientist Scholarship, Field Museum of Natural History 2006
- Graduate Training Committee Travel Award, McGill University 2005
- Jason Lang Memorial Scholarship, University of Alberta 2002-2004
- Heather McKinlay Memorial Scholarship, University of Alberta 2000-2004
- Academic Excellence Entrance Scholarship, University of Alberta 2000-2001

RELEVANT SKILLS

- Fluent written and spoken French
- Familiar with Microsoft Word, Powerpoint, Excel and tps morphometrics software
- Sirius Wilderness First-Aid and CPR, 2005
- WHMIS certification
- Managerial and leadership skills
- Experience working independently and as part of a team

REFERENCES

- Available upon request