

CURRICULUM VITAE

Name: Ori Segev

Address (Home): Ein Aiala, P.O. Box 9148; 30825, ISRAEL

(Work): Community Ecology Lab, Institute of Evolution and Department of
Evolutionary and Environmental Biology, University of Haifa,
Haifa 31905, ISRAEL

Phone: 00-972-4-9541484 (home)

00-972-545-260323 (mobile)

00-972-4-8288328 (lab)

00-972-4-8222613 (fax)

E-Mail: segevo@research.haifa.ac.il

Education

1992-1995

Ben-Gurion University of the Negev, Beer-Sheva, Department of
Life Sciences. B.Sc. degree, March 1995.

1995-1998

Ben-Gurion University of the Negev, Beer-Sheva, Department of
Life Sciences. M.Sc. Ecology degree, May 1998.

Thesis: Sperm competition and mating strategies in male desert widow
spider *Latrodectus revivensis* (Araneae: Theridiidae).

Advisor: Prof. Lubin, Y.

2003-2009

University of Haifa, Faculty of science, Institute of Evolution and the
Department of Evolutionary and Environmental Biology,
Community Ecology Laboratory, Ph.D. degree

Thesis: Conservation and ecology of the endangered fire salamander
(*Salamandra infraimmaculata*)

Advisor: Prof. Blaustein, L.

2009-present

Post Doctoral Fellow

University of Haifa, Faculty of science, Institute of Evolution and the
Department of Evolutionary and Environmental Biology,
Community Ecology Laboratory

Relevant Work Experience

- 1994-1995** **Research Assistant**, Mitrani Center for Desert Ecology, Sede-Boker Campus, Ben Gurion University.
- 1995-1998** **Teaching Assistant**, Courses: Botany and Faunistics, Ben-Gurion University of the Negev, Beer-Sheva, Department of Life Sciences.
- 1999-2000** **Field Technician and Research Assistant**, Ramon Science Center, Mitzpe-Ramon.
- 2000-2001** **Teaching Assistant**, Courses: Entomology and Biology of the Honey Bee, The Hebrew University of Jerusalem, Faculty of Agriculture, Rehovot, Department of Entomology.
- 2002-Present** **Guide**, Nahal Mea'rot Ecological Education Center, Israeli Nature and National Park Protection Authority (INPA).
- 2008-Present** **Aquatic freshwater Invertebrate Surveys**, Society for the Protection of Nature in Israel (SPNI), Open Landscape Institute (OLI).

Personal Status: Married

Languages: fluent in Hebrew and English

Computer Skills

Office programs (Word, Excel, Power-Point)

Statistics (Systat, SPSS, JMP, Biometry, Sigma-Plot, Resample, MARK)

Geographic Information System (Arc-View)

Graphics (Sigma-Plot, Photoshop)

Publications

1. Segev, O., Ziv, M., and Lubin, Y. (2003). Sperm precedence and the male mating system in a desert widow spider, *Journal of Arachnology*. 31: 379-393.
2. Segev, O., and Blaustein, L., (2007). Priority effects of the early breeding Fire Salamander on the late breeding Banded Newt, *Hydrobiologia*. 583: 275-283.

3. Bar-David, S., Segev, O., Peleg, N., Hill, N., Templeton, A.R., Schultz, C.B., and Blaustein, L., (2007). Long distance movements by Fire Salamanders (*Salamandra infraimmaculata*) and implications for habitat fragmentation. *Israel Journal of Ecology and Evolution*, 53: 143-159.
4. Segev, O., Mangel, M., and Blaustein, L., (2009). Deleterious effects by mosquitofish (*Gambusia affinis*) on the endangered fire salamander (*Salamandra infraimmaculata*). *Animal Conservation*, 12: 29-37.
5. Segev, O., Hill, N., Templeton, A.R., and Blaustein, L. (2010). Population size, structure and phenology of an endangered salamander at temporary and permanent breeding sites. *Journal for Nature Conservation*, 18: 189-195.
6. Segev, O. (2009). Background and predation induced color-change in Fire Salamander larvae. *Israel Journal of Ecology and Evolution*, 55: 359-369.
7. Segev, O., Mangel, M., Wolf, N., Sadeh, A., Kershenbaum, A., and Blaustein, L. Fire Salamander larval deposition strategies: a model and empirical test. Paper in Review.
8. Peleg N, Templeton, AR, Segev O, and Blaustein, L Genetic diversity of the endangered fire salamander (*Salamandra infraimmaculata*) among breeding sites on northern Israel. Manuscript in Preparation.
9. Segev O and Blaustein L Larval drift by the fire salamander (*Salamandra infraimmaculata*) in intermittent streams: influence of discharge rate and predation risk. Manuscript in Preparation.

Popular Science:

1. Segev, O. and Hill, N. (2008). Madagascar on three wheels (In Hebrew). *Bicycle Magazine*, May, 84-91. Based on a three month cycling trip around the Island of Madagascar.
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Presentations in Scientific Conferences and Workshops

Segev, O. and Lubin Y. Mating strategies and sperm precedence in a desert widow spider *Latrodectus revisensis*. (Oral Presentation). The 7th Jyvaskyla International Summer Workshop, Finland, August 4-22nd 1997.

Segev, O. Sperm precedence and mating strategies in a desert spider. (Oral Presentation). The XXV International Ethological Conference, Vienna, Austria, August 20-27th 1997.

Segev, O. Sperm precedence and male mating strategies in the widow spider *Latrodectus revivensis*. (Oral Presentation). The 34th Conference of the Zoological Society of Israel, Tel-Aviv, Israel, December 28th 1997.

Segev O. Sperm competition and male mating strategies in the widow spider, *Latrodectus revivensis*. (Poster Presentation). The XIV International Congress of Arachnology, Chicago, USA, June 27th-July 3rd 1998.

Segev O. Sperm competition and male mating strategies in the widow spider, *Latrodectus revivensis*. (Oral Presentation). The 18th Conference of the Entomological Society of Israel, Volcani Center, Bet Dagan, Israel, May 18th 2000.

Segev, O. Mating behavior of Mediterranean fruit fly (Oral Presentation). The 2nd Biennial Postgraduate Student Workshop, Sydney, Australia, August 18th 2001.

Segev O. and Blaustein L. Priority effects of the early breeding fire salamander on the late breeding banded newt. (Oral Presentation). The 39th Conference of the Zoological Society of Israel, Tel-Aviv, Israel, December 1st 2002.

Segev O., Hill N. and Blaustein L. Local genetic adaptation and phenotypic plasticity in fire Salamanders. (Oral Presentation). The 40th Conference of the Zoological Society of Israel, Sede Boqer, Israel, December 21st 2003. Abstract Published in: *Israel Journal of Zoology*, 2004. Vol. 50, pp. 119-120.

Segev O., Blaustein L., Mangel M., and Wolf N. Larviposition strategies of the fire salamander: A dynamic state variable model and empirical evidence. (Oral

Presentation). The 90th Annual Meeting of the Ecological Society of America (ESA), Montréal, Canada, August 8-12th 2005.

Segev O., Hill N. and Blaustein L. Larviposition strategies of the fire salamander: A dynamic state variable model and empirical evidence. (Oral Presentation). The 42nd Conference of the Zoological Society of Israel, Rehovot, Israel, January 1st 2006. Abstract published in: *Israel Journal of Ecology and Evolution*, 2006, Vol. 52, pp. 79-80.

Segev O., Hill N. and Blaustein L., Deleterious effects of the mosquitofish, *Gambusia affinis*, on larval fire salamander, *Salamandra infraimmaculata*. (Poster Presentation). The 34th Annual Meeting of the Israel Ecology Society, Haifa, Israel, June 26-27th 2006. Abstract published in: *Israel Journal of Ecology and Evolution*, 2006, Vol. 52, pp.190-191.

Segev O., Silberbush A., Peleg N., Templeton A.R. and Blaustein. L. Population size and breeding-site threats of the fire salamander (*Salamandra infraimmaculata*) at selected breeding sites on Mt. Carmel and Lower Galilee (Oral Presentation). The 37th Annual Meeting of the Israel Ecology Society & Environmental Studies, Rehovot, Israel, May 12-13th 2009. Abstract published in: *Israel Journal of Zoology*, 2009. Vol. 55, pp. 300.

Segev O. and Blaustein L., Larval drift by the fire salamander in intermittent streams: influence of discharge rate and predation risk (Poster Presentation). The 38th Annual Meeting of the Israel Ecology Society & Environmental Studies, Beer-Sheva, Israel, June 21-23rd 2010.

Grants and Awards

The Israeli Ecological Society Fund.....	10,000 \$	1997-1998
The American Arachnological Society Fund.....	500 \$	1997
Bona Terra Foundation, Switzerland.....	16,000 NS	2001
Fraenkel Fellowship, University of Haifa, Israel.....	5,000 NS	2004
VATAT Doctoral Fellowship.....	144,000 NS	2003-2006
Honorary mention for PhD student presentation, The 42 nd Meeting of the Zoological Society of Israel, The Hebrew University, Rehovot, Israel.....		2005
VATAT Post Doctoral Fellowship.....	65,000 NS	2009-2010