



## Recent Developments in Arthropod Ecology and Evolution

### Fifth Symposium in Memory of Merav Ziv Mitrani Department of Desert Ecology, Blaustein Institute for Desert Research Ben Gurion University, Sede Boqer Campus & The Israel Society of Zoologists & The Israel Entomological Society

29 April, 2004

Seminar room, Blaustein Institute for Desert Research, Ben Gurion University, Sede Boqer Campus

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09:45 Introduction and opening remarks

10:00 Ecology student award in memory of Merav Ziv

#### Scientific Program

- 10:15-10:45 **Dr. Sharoni Shafir** (Dept. of Entomology, Hebrew Univ.) Caste-specific differences in risk-sensitivity.
- 10:45-11:15 **Dr. Nadav Shashar** (Inter-university Inst., Eilat) Artificial coral reefs, what can they do and how to build them.
- 11:15-11:45 **Prof. Zvika Mendel** (Dept. of Entomology, Volcani Center) Structure-activity relationships of natural and designed analogs of the sex pheromone of the Israeli pine bast scale: biological and sylvicultural significance.
- 11:45-12:00 **Refreshments**
- 12:00-12:20 **Dubi Ofer** (Dept. of Entomology, Volcani Center) The role of kiromones in the biology of the bug *Elatophilus hebraicus*, a predator of *Matsucoccus josephi*.
- 12:20-12:40 **Dr. Tamar Keasar** (Achva College) Reproductive conflicts in a polyembryonic parasitoid wasp.
- 12:40-13:00 **Einat Ben-Binyamin** (Dept. of Entomology, Hebrew Univ.) Intraguild predation between a predator and a parasitoid: Should it be avoided?
- 13:00-14:10 **Lunch**
- 14:10-14:30 **Moran Segoli** (Mitrani Dept. of Desert Ecology, BGU) Predation of the desert isopod *Hemilepistus reaumuri* as a control factor in the wadi.
- 14:30- 14:50 **Dr. Victoria Soroker** (Dept. of Entomology, Volcani Center) Characterization of broad mite-plant interaction.
- 14:50-15:10 **Refreshments**
- 15:10-15:30 **Efrat Gavish** (Mitrani Dept. of Desert Ecology, BGU) Assemblages of spiders in desert agroecosystems.
- 15:30-15:50 **Mor Salomon** (Mitrani Dept. of Desert Ecology, BGU) Maternal investment in a spider with suicidal maternal care.
- 15:50-16:10 **Michal Segoli** (Mitrani Dept. of Desert Ecology, BGU) What a male has to suffer: costs of mating in a widow spider.
- 16:10-16:30 **Eran Gefen** (Dept of Zoology, Tel Aviv University) Water relations of scorpions- are xeric species better osmoregulators?
- 16:30-16:40 **Closing remarks**