

טל לבנוני – קורות חיים

בשנת 2013 התחלתי בשמחה את תפקידי כאוצרת בגן הבוטני באוניברסיטת תל-אביב. במקביל, אני נמצאת בשלבי סיום מתקדמים של עבודת הדוקטורט במחלקה לזואולוגיה באוניברסיטת תל אביב.

נושאי מחקרי עוסקים במגוון ביולוגי ביערות אורנים נטועים, בדגש על צמחים, פרוקי רגליים ויונקים קטנים. בעבודת המאסטר התמקדתי באזור השפלה, ובעבודת הדוקטורט – בגליל העליון. בעבודתי בחנתי השפעה של נושאים ממשקיים שונים על המגוון הביולוגי ביער הנטוע – צפיפות הנטיעות והרכב מיני העצים הנטועים. תוצאות מעבודה זו הוצגו בכנסים מדעיים בארץ ובעולם.

במהלך לימודי הייתי מעורבת באופן פעיל בהנחיית סטודנטים ישראלים וזרים בעבודות פרויקט מחקריות לתואר הראשון והשני, וכן תרגלתי בקורס אוניברסיטאי.

עבודת הדוקטורט שלי מבוססת על שיתוף פעולה עם קבוצת מחקר מאוניברסיטת לונבורג בגרמניה. עבודה זו הניבה עד כה מספר פרסומים מדעיים, ונוספים צפויים לצאת בקרוב.

עסקתי במגוון עבודות שדה אקולוגיות, שאותן ביצעתי הן במהלך המחקר שלי והן במסגרות רבות אחרות, ביניהן סקרי צומח ואיסוף זרעים.

יש לי ניסיון רב שנים בהדרכה בנושאי טבע וסביבה לקהלים שונים ובמסגרות שונות, בעיקר במסגרת גופים ירוקים שונים. בשנים האחרונות התמקדתי בהדרכות מקצועיות בנושאי אקולוגיה, זואולוגיה, בוטניקה, מגוון ביולוגי, שמירת טבע וטבע עירוני, בעיקר לקהל של מורים, מדריכים ואנשי שטח, הן בשטח והן בגן הזואולוגי ובגן הבוטני באוניברסיטת ת"א. כמו כן כתבתי מסמך מידע למקבלי החלטות ומערכי הדרכה בנושאים אלה.

התגוררתי במשך שנתיים בארצות הברית, במדיסון, ויסקונסין, שם הייתי סטודנטית אורחת במעבדה במחלקה לבוטניקה, והייתי מעורבת בפעילויות התנדבותיות שונות בתחומי טיפול במינים פולשים ושיקום בתי גידול.

TAL LEVANONY - CURRICULUM VITAE

Email: talevanony at gmail.com
Date of birth: 19 September 1974
Place of birth: Holon, Israel
Military service: 1993-1995 (Israeli Nahal brigade, teacher of new immigrants)

Education:

- 1998-2001** B.Sc., Biology,
Faculty of Life Sciences, Tel Aviv University
- 2002-2005** M.Sc., Zoology,
(Department of Zoology), Tel Aviv University
Thesis entitled: Species diversity in pine plantation and natural maquis in the Judean Foothills (Under the supervision of Prof. Tamar Dayan, Tel Aviv University, fund by the JNF).
Magna cum laude
- 2005-** Ph.D., Zoology,
(Department of Zoology), Tel Aviv University
Thesis entitled: Species diversity in plantations of *Pinus halepensis* and *P. brutia* in comparison to the natural habitats they replaced (Under the supervision of Prof. Tamar Dayan, Tel Aviv University, fund by the GIF).

Teaching and working experience:

- 1992-** Guide, The Society for the Protection of Nature in Israel.
- 1998-2004** Guide, *Havaieda* – science museum for children, Holon.
- 2001-** Instructing guides in ecology, botany and zoology, The Society for the Protection of Nature in Israel.
- 2001-** Guide, Nature Campus, Tel Aviv University.
- 2003-2004** Teaching assistant (Vertebrates: comparative anatomy and functional morphology), Department of Zoology, Tel Aviv University.
- 2003** Developing teaching programs on Biodiversity. Nature Campus, I. Meier Segals Garden for Zoological Research, Department of Zoology, Tel Aviv University.
- 2003-2011** Supervising undergraduate students in research projects, Faculty of life sciences, Tel Aviv University:

- Species richness and community composition of vascular plants in the Judean foothills.
- Seasonal variation of the species diversity of reptiles, amphibians and small mammals in the Judean foothills.
- Species diversity of beetles in pine plantations vs. natural maquis during the winter.
- Species diversity of spiders in field margins, pine plantations and natural maquis.
- Temporal and spatial variation in the of beetles fauna in the Judean foothills.
- Species diversity of beetles in pine plantations vs. natural maquis during the summer.
- The millipedes' fauna in field margins, pine plantations and natural maquis.
- Seasonal variation in the species diversity of beetles and rodents in the Judean foothills.
- Species composition of beetles in pine plantations vs. natural maquis.
- The scorpions' fauna in field margins, pine plantations and natural maquis.
- Differences in mammal and reptile assemblages between ancient woodlands, recent woodlands and batha in the Upper Galilee zone (Israel).
- Rodent species diversity in plantations of *Pinus halepensis* and *P. brutia* in comparison to the natural habitats they replaced.
- The shrews (Insectivora: Soricidae) of Israel – Taxonomy and Zoogeography.
- Ecological differences in scorpion population of four different habitats in the Upper Galilee.
- Analysis of factors affecting species diversity and abundance of woody plants in Mt. Meron area.

- 2008-** Seed collecting for the Israel Plant Gene Bank, Institute of Plant Sciences, The Agricultural Research Organization, Volcani Center, Bet Dagan.
- 2010-2011** Vegetation surveys in non-herbicide treated city parks at Tel Aviv, Citizens Forum for City Nature and Environmental Quality at Tel-Aviv-Yafo.
- 2013-** Curator, The Botanical Garden, Tel Aviv University.

Volunteer:

- 2012-2013** Restoration ecology and invasive species treatment, Friends of the Lakeshore Nature Preserve, Madison, Wisconsin.
- 2013** Restoration ecology and office work, Arboretum, University of Wisconsin - Madison.

Membership in professional societies:

- 1992-** The Society for the Protection of Nature in Israel.
- 2003-** The Zoological Society of Israel.
- 2004-** Israel Society for Ecology and Environmental Quality Sciences.
- 2006-** The Entomological Society of Israel.
- 2007-** Adam Teva V'din – Israel Union for Environmental Defense.
- 2009-** The Israeli Association for Rangeland Sciences.
- 2012-** Friends of the Arboretum, University of Wisconsin, Madison.
- 2013-** Ecological Society of America.
- 2013-** Friends of the Lakeshore Nature Preserve, Madison, Wisconsin.

Fellowships and awards:

- 1998-2004** Perach scholarship (*Havaieda* - science museum guiding project).
- 2002-2004** M.Sc. fellowship, Department of Zoology, Tel Aviv University.
- 2005-2010** Ph.D. fellowship, Department of Zoology, Tel Aviv University.
- 2008** The Adessman travel grant for active participation in an international conference, Department of Zoology, Tel-Aviv University.
- 2010** Annual Prize of the Entomological Society of Israel, in memory of Dr. Cyril A. Blondheim, for the best presentation given by a Ph.D. student at the society's 29th meeting.

Invited talks

- 2004** JNF Forest Service – symposium of the Land Development Authority researches (lecture entitled: Biodiversity in natural maquis and in pine plantation) (the lecture was shared with Prof. Tamar Dayan).
- 2005** The Ramat Hanadiv park, workshop on active management of Mediterranean ecosystems: up-scaling lesson from Ramat Hanadiv (lecture entitled: Biodiversity of arthropods and plants in pine plantation vs. natural maquis in the Judean Foothills).
- 2005** The 1st Israel Arachnological Meeting, Sde Boker (lecture entitled: species diversity of spiders in the Judean Foothills).
- 2010** Jerusalem environment and nature conference – Biodiversity. The Society for the Protection of Nature in Israel. (Response to the lecture: Types of forests in Israel, By Dr. Omri Bone, JNF).
- 2011** Ecology of the forest - continuing education program for JNF foresters, Nature Campus, Tel Aviv University (lecture entitled: Biodiversity in planted forests, focusing on Israel).

Active Participation in Scientific Conferences:

- 2003** The 40th Annual Meeting of the Zoological Society of Israel, Sde Boker, Israel.
- 2004** The 33rd Annual Meeting of the Israel Society for Ecology and Environmental Quality Sciences, Tel-Aviv, Israel.
- 2004** The 41st Annual Meeting of the Zoological Society of Israel, Haifa, Israel.
- 2005** Living with global change: challenges in environmental sciences. International Conference of the Israel Society for Ecology and Environmental Quality Sciences, Rehovot, Israel.
- 2005** The 1st Diversitas open science conference - Integrating biodiversity science for human well-being, Oaxaca, Mexico.
- 2006** The 42nd Annual Meeting of the Zoological Society of Israel, Rehovot, Israel.
- 2006** The 1st European Congress of Conservation Biology “Diversity for Europe”, Eger, Hungary.
- 2007** The 6th Conference on Active Research by Environmental Science Students, Rehovot, Israel.

- 2007** The 13th European Carabidologists Meeting, Blagoevgrad, Bulgaria.
- 2007** The 11th International Mediterranean Ecosystems Conference, Perth, Western Australia, Australia.
- 2008** The 36th Annual Meeting of the Israel Society for Ecology and Environmental Quality Sciences, Haifa, Israel.
- 2008** 1st International Congress – Documenting, Analysing and Managing Biodiversity in the Middle East, Aqaba, Jordan.
- 2010** the 29th Annual Meeting of the Entomological Society of Israel, Volcani Center, Bet Dagan, Israel.

Abstracts:

- Levanony, T., Columbus, E., Mandelik, Y., Chikatunov, V. and Dayan, T. 2004. Species richness of plants and beetles in pine plantations *vs.* natural landscapes in the Judean foothills. *Israel Journal of Zoology* 50: 112.
- Levanony, T., Columbus, E., Mandelik, Y., Chikatunov, V., Zonstein, S. and Dayan, T. 2004. Species diversity in pine plantation: comparing the diversity of beetles, spiders and plants in the Judean foothills. *Proceedings of the 33rd Annual Meeting of the Israel society for Ecology and Environmental Quality Sciences* 33: 25-26 (in Hebrew).
- Levanony, T., Columbus, E., Mandelik, Y., Chikatunov, V., Zonstein, S. and Dayan, T. 2004. Species diversity in pine plantation: comparing the diversity of beetles, spiders and plants in the Judean foothills. *Proceedings of the Land Development Authority researches – the JNF Forest Service*: 59-60 (in Hebrew).
- Levanony, T., Columbus, E., Mandelik, Y., Chikatunov, V., Zonstein, S. and Dayan, T. 2005. Species diversity of spiders and beetles in pine plantations *vs.* natural landscapes in the Judean foothills. *Israel Journal of Zoology* 51: 69.
- Levanony, T., Columbus, E., Mandelik, Y., Chikatunov, V., Zonstein, S. and Dayan, T. 2005. Biodiversity of arthropods and plants in pine plantation *vs.* natural maquis in the Judean foothills. *Living with global change: challenges in environmental sciences - Proceedings of the Israel society for Ecology and Environmental Quality Sciences*: 114.
- Levanony, T., Chikatunov, V., Dayan, T., Mandelik, Y. and Zonstein, S. 2005. Afforestation in Mediterranean ecosystems: the role of semi-natural afforested habitats in supporting native plants and arthropods. *Proceedings of the 1st Diversitas open science conference*.

- Levanony, T., Columbus, E., Mandelik, Y., Chikatunov, V., Zonstein, S., Kravchenko, V. and Dayan, T. 2006. Arthropods in pine plantations vs. natural maquis – comparing the community composition of spiders, beetles and moths. *Israel Journal of Ecology and Evolution* 52 (1): 70.
- Levanony, T., Columbus, E., Mandelik, Y., Chikatunov, V., Zonstein, S., Kravchenko, V. and Dayan, T. 2006. Afforestation in Mediterranean ecosystems: native plants and arthropods in semi-natural afforested habitats. *Proceedings of the 1st European Congress of Conservation Biology “Diversity for Europe”*: 133.
- Levanony, T., Columbus, E., Mandelik, Y., Chikatunov, V. and Dayan, T. 2007. Afforestation in Mediterranean ecosystems: Carabidae and Tenebrionidae in semi-natural afforested habitats. *Proceedings of the 6th Conference on Active Research by Environmental Science Students*: 13.
- Levanony, T., Columbus, E., Mandelik, Y., Chikatunov, V. and Dayan, T. 2007. Afforestation in Mediterranean ecosystems: Carabidae and Tenebrionidae in semi-natural afforested habitats. *Proceedings of the 13th European Carabidologists Meeting*: 58.
- Timm, A., Dayan, T., Drees, C., Levanony, T. and Assmann, T. 2007. Habitat selection of ground beetles in woodlands and open fields in Upper Galilee, Israel. *Proceedings of the 13th European Carabidologists Meeting*: 54.
- Timm, A., Dayan, T., Drees, C., Levanony, T. and Assmann, T. 2007. Towards combined methods for recording ground beetles: pitfall traps, hand picking and sifting in open and woody habitats of Israel. *Proceedings of the 13th European Carabidologists Meeting*: 75.
- Assmann, T., Drees, C., Levanony, T., Matern, A., Timm, A. and Wrase, D. 2007. The *Carabus* fauna of Israel – faunistics, habitat selection, and identification key. *Proceedings of the 13th European Carabidologists Meeting*: 69.
- Levanony, T., Columbus, E., Mandelik, Y., Chikatunov, V., Zonstein, S., Kravchenko, V. and Dayan, T. 2007. Afforestation in Mediterranean ecosystems: native plants and arthropods in semi-natural pine plantation habitats. *Proceedings of the MEDECOS XI Conference*: 155-156.
- Levanony, T., Drescher, N., Maza, E., Timm, A., Assmann, T. and Dayan, T. 2008. Rodents in pine plantations in the Upper Galilee: preliminary results. *Israel Journal of Ecology and Evolution*: 54 (2): 268.
- Levanony, T., Maza, E., Drescher, N., Timm, A., Buse, J., Assmann, T. and Dayan, T. 2008. Patterns of rodent and reptile diversity in pine plantations, Mediterranean shrublands and Mediterranean maquis. *Proceedings of the 1st International Congress – Documenting, Analysing and Managing Biodiversity in the Middle East*: 88.

- Buse, J., Assmann, T., Dayan, T., Levanony T. and Timm, A. 2008. Impact of forest management and tree species composition on saproxylic beetle assemblages in a Mediterranean model ecosystem. Proceedings of the 1st International Congress – Documenting, Analysing and Managing Biodiversity in the Middle East: 55.
- Yanai, Z., Spivak, M., Levanony, T., Landsman, A., Huchon, D., Dayan T. and Meiri, S. 2010. Israeli *Crocidura* shrews need a revision. Proceedings of the 46th Annual Meeting of the Zoological Society of Israel. Israel Journal of Ecology and Evolution 55 (1):107.
- Itescu, Y., Levanony, T. and Dayan, T. 2010. Diversity of scorpion species in Mt. Meron area in natural habitats and planted forests. Proceedings of the 5th Israel Arachnological meeting, Ramat Hanadiv: 4.
- Drescher, N., Loos, J., Dayan, T., Levanony, T., Schuldt, A., Schäfer, K. and Assmann, T. 2010. Unexpected rich terrestrial subterranean fauna in Israel: first results from the inventory of 13 caves. Proceedings of the 20th International Conference on Subterranean Biology, Postojna, Slovenia: 131-132.
- Levanony, T., Timm, A., Assmann, T. and Dayan, T. 2010. Beetle species diversity in *Pinus halepensis* and *P. brutia* plantations in comparison to the natural habitats they replaced: preliminary results. Proceedings of the 29th Annual Meeting of the Entomological Society of Israel: 46.
- Werner, Y.L., Olek, Y., Bogaerts, S., Bouskila, A., Ben-zvi, G., Wilén, M. Talbi, R., Levanony, T., Naor, A., and Inbar, E. 2012. “Toes-up” in Sinai agamas: what for? Proceedings of the poster session of the 49th Annual Meeting of the Zoological Society of Israel: 5.

Scientific publications:

- Timm, A., Dayan, T., Levanony, T., Wrase, D. and Assmann, T. 2008. Towards combined methods for recording ground beetles: Pitfall traps, hand picking and sifting in Mediterranean habitats of Israel. In: Penev, L.D., Erwin, T. and Assmann, T. (Eds) Back to the roots and back to the future? Towards a new synthesis amongst taxonomic, ecological and biogeographical approaches in carabidology. Pensoft Publishers, Sofia-Moscow, 397-408.
- Assmann, T., Buse, J., Drees, C., Friedman, A.L.L., Levanony, T., Matern, A., Timm, A. and Wrase, D.W. 2008. The *Carabus* fauna of Israel – updated identification key, faunistics, and habitats (Coleoptera: Carabidae). ZooKeys 1: 9–22.
- Buse, J., Levanony, T., Timm, A. Dayan, T. and Assmann, T. 2008. Saproxylic beetle assemblages of three managed oak woodlands in the Eastern Mediterranean. Zoology in the Middle East 45: 55-66.
- Timm, A., Buse, J., Dayan, T., Härdtle, W., Levanony, T. and Assmann, T. 2009. At the interface of historical and present day ecology: Ground beetles in woodlands and

open habitats in Upper Galilee (Israel) (Coleoptera: Carabidae). *Zoology in the Middle East* 47: 93-104.

Westphal, C., von Oheimb G., Meyer-Grünefeld M., Tremer, N., Härdtle, W., Levanony, T., Dayan, T. and Assmann, T. 2009. Ya'ar Bar'am—An old *Quercus calliprinos* forest of high nature conservation value in the Mediterranean region of Israel. *Israel Journal of Plant Sciences* 57: 13-23.

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לבנוני ט' 2009. מגוון ביולוגי. אתר האגודה הישראלית לאקולוגיה ומדעי הסביבה. <http://www.isees.org.il/DMPage.aspx?menuid=15&mytabsmenu=1>

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לב ד', אלעזרי ר', לבנוני ט' ומנביץ כ' 2014-2015. עלוני "חדשות הגנים" – קמפוס טבע, אוניברסיטת תל-אביב.

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