

CURRICULUM VITAE

Boaz Shacham

Department of Evolution, Systematics and Ecology, The Edmond J. Safra Campus, The Hebrew University of Jerusalem, Givat Ram 91904 Jerusalem, Israel.

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Education:

1993-95: B. Med. Sc. in Dentistry School Alpha Omega, Hadassah, The Hebrew University of Jerusalem.

1996-97: prerequisite courses for M. Sc. in Evolution, Systematics and Ecology Dept., The Hebrew University of Jerusalem.

1997-2004: M. Sc. in snake ecology, "Polymorphism in the schokari sand snake (*Psammophis schokari*) in the coastal sand dunes of Israel" Professor Yehudah L. Werner, Dept of ESE, The Hebrew University of Jerusalem.

2004-09: Ph.D. in ecology, "Dune management and reptiles: Implications for habitat reconstruction and conservation strategies" Dr Amos Bouskila, Life Sciences Dept, Ben-Gurion University of the Negev.

Main research interests:

- (a) Animal and behavioral ecology.
- (b) Conservation of reptiles and their habitats.
- (c) Reptile systematics & taxonomy.

Appointments at the Hebrew University:

1997-1999: curatorial assistant to Prof. Yehudah L. Werner in the Herpetological Collection at the Zoological Museum, Department ESE, The Hebrew University of Jerusalem.

2001-present: Collection manager and technician, Herpetological Collection, Zoological Museum, Department ESE, The Hebrew University of Jerusalem, Israel.

Appointments at Ben-Gurion University:

2004: Part-time field research technician of Amos Bouskila, Behavioral Ecology laboratory, Dept. of Life Sciences, Ben Gurion University of the Negev, Israel.

2005-2006: Teaching assistant in undergraduate course "Desert Plants and Animals".

2005, 2007: Teaching assistant in graduate course "Ecological Methodology Exemplified Through Reptile Studies".

2005-2006: Teaching assistant in undergraduate course "Conservation Ecology".

2006-2008: Teaching assistant in undergraduate course "Faunistics".

Other appointments:

1996-present: field guide with SPNI, including advising high school biology majors' ecology projects and herpetology seminars within the SPNI. Through Shiqmim Field Study School, Nizzanim, Israel

2000-2001: External lecturer in ecology, "Hemdat Hadarom" college & teachers' seminar, Netivot, Israel.

2000-2001: External lecturer in ecology & zoology, "Achva" college & teachers' seminar, Israel.

1999-2004: Ecology guidance coordinator, SPNI Shiqmim Field Study School, Nizzanim, Israel.

2000-2003: field research coordinator, SPNI Nizzanim-Ashdod Sand Dune Park, Nizzanim, Israel.

Awards:

1997: "Intel"-Science Faculty Dean's Award for highest achieving graduate students (2000 US \$), HUJ.

2004: Shulov foundation for study of animals in captivity at the Biblical Zoo grant (4500 US \$).

2007: scholarship bonus for high achievement as teaching assistant (ca 750 US \$), BGU.

Languages: Hebrew, English.

Other interests: Conservation of nature, nature photography.

Publications, peer reviewed

1. Babocsay G., Talbi R., Shacham B., Seligmann H. 2009. Nocturnal or diurnal? Notes on the daily activity pattern and life history of the Middle Eastern Elegant Racer *Coluber elegantissimus* (Günther, 1878) (Squamata: Serpentes: Colubridae). Herpetozoa 22: in press.
2. **Shacham B.** & Nemptzov S.C. 2008. Records of feral Green Iguana, *Iguana iguana*, in Israel. Applied Herpetology 5: 99.
3. **Shacham B.** & Hatzofe O. 2008. The Red-Eared Slider, *Trachemys scripta elegans*, in Israel. Applied Herpetology 5: 199-200.
4. **Shacham B.** 2008. Effects of Defoliation and Grazing in Adullam Woodland Nature Reserve on Reptile Assemblages. In: E. Sheffer and Y. Shkedy, eds. Long Term Ecological Research (LTER) at Adullam Woodland Nature Reserve: Information and Conclusions from the Three First Years of Research. Jerusalem. Pp. 169–180 (Hebrew, with English abstract).
5. Rato C., Brito J.C., Carretero M.A., Larbes S., **Shacham B.** & Harris D.J. 2007. Phylogeography and genetic diversity of *Psammophis schokari* (Serpentes) in North Africa based on mitochondrial DNA sequences". African Zoology 42: 112-117.
6. **Shacham B.** & Werner N. 2007. Negev tortoise (*Testudo wernerii*) survey in the Negev sands. Hardun 7: 69-86 (in Hebrew, English abstract pp 99-100).
7. Babocsay G., **Shacham B.** & Werner Y.L. 2006. Importance of collections in describing biodiversity: Four new reptiles and their conservational and medical implications. Magyar Biológiai Társaság, XXVI. Vándorgyűlés, 2006, pp. 193-203 (Hungarian with English abstract).
8. **Shacham B.** 2004. Polymorphism in the schokari sand snake (*Psammophis schokari*) in the coastal sand dunes of Israel. M.Sc. thesis, Dept. of Evolution, Systematics & Ecology, The Hebrew University of Jerusalem. Advisor: Prof. Yehudah L. Werner.
9. Perälä J. & **Shacham B.** 2004. *Testudo [graeca] floweri*, Bodenheimer, 1935. Manouria 7: 15-16.
10. **Shacham B.** 2004. *Testudo wernerii* Perälä, 2001. Manouria 7: 44-45.
11. **Shacham B.** 2001. Polymorphism in the schokari sand snake, *Psammophis schokari* (Ophidia: Boiginae): an interim report on shelter use in the Palmahim sands, Israel. Pp 139-144 in: Lymberakis, P., Valakos, E., Pafilis, P., and M. Mylonas (eds). Herpetologia Candiana. S.E.H. Irakleio 2001.
12. Shifman S., **Shacham B.** & Werner Y.L. 1998. *Tropiocolotes nattereri* (Reptilia: Gekkonidae): comments on validity, variation and distribution. Zoology in the Middle East 17: 51-56

Proceedings:

1. **Shacham B.**, Federman R., Lahav-Ginnot S. & Werner Y.L. 2009. Snakes outrace lizards: The northward penetration of desert reptiles along the Jordan Valley (Israel). Proceedings of the 45th Meeting of the Zoological Society of Israel, Michmoret, Israel (December 2008). Israel Journal of Ecology & Evolution 55: 173.
2. **Shacham B.** & Sheffer E. 2008. Effects of management on reptiles in Adulam reserve. Proceedings of the 44th Meeting of the Zoological Society of Israel, Achva College, Israel (December 2007). Israel Journal of Ecology & Evolution 54: 249-250.
3. **Shacham B.** & Bouskila A. 2007. Vegetation removal as a management tool in Nizzanim dunes (Israel): preliminary assessment of effects on reptile and mammal populations. International Conference on

- Management and Restoration of Coastal Dunes (ICCD-2007), Santander, Spain, 3-5 October 2007. Proceedings, pp: 144-145.
4. Perelberg A., **Shacham B.**, Dolev A., Berger H. & Kronfeld-Schor N. 2007. Israel's coast sandy habitats sustainable management: mammals and reptiles survey. International Conference on Management and Restoration of Coastal Dunes (ICCD-2007), Santander, Spain, 3-5 October 2007. Proceedings, pp: 113-114.
 5. Werner Y.L., **Shacham B.** & Babocsay G. 2007. Novelty in the herpetofauna of Israel and immediate vicinity since 2002. Proceedings of the 43rd Meeting of the Zoological Society of Israel, Ra'anana, Israel (December 2006). Israel Journal of Ecology & Evolution 53: 112.
 6. Perelberg A., **Shacham B.**, Dolev A., Berger H. & Kronfeld-Schor N. 2007. Mammal and reptile survey of sandy habitats along Israeli Mediterranean coastal plain, as means for the assessment of their current condition, their importance for conservation and policy recommendations for their sustenance. Proceedings of the 43rd Meeting of the Zoological Society of Israel, Ra'anana, Israel (December 2006). Israel Journal of Ecology & Evolution 53: 104.
 7. **Shacham B.** & Werner N. 2006. Negev tortoise (*Testudo wernerii*) survey in the Negev sands". Proceedings of the 42nd Meeting of the Zoological Society of Israel, Rehovot, Israel (January 2006). Israel Journal of Ecology & Evolution 52: 81.
 8. **Shacham B.**, Ben-David E., Angel N., Yohanan A. & Bouskila A. 2006. Effects of partial vegetation removal in Nizzanim dunes on reptile and rodent populations: Preliminary results. Proceedings of the 34th Meeting of the Israel Society of Ecology and Environmental Sciences (ISEEQS), Haifa, Israel (June 2006). Israel Journal of Ecology & Evolution 52: 191-192.
 9. **Shacham B.**, Yohanan A. & Bouskila A. 2006. Effects of partial vegetation removal in Nizzanim dunes on reptile populations: Preliminary results. Proceedings of the 42nd Meeting of the Zoological Society of Israel, Rehovot, Israel (January 2006). Israel Journal of Ecology & Evolution 52: 81.
 10. **Shacham B.** 2005. Tail injury linked to asymmetry in a polymorphic snake. Proceedings of the 41st Meeting of the Zoological Society of Israel, Haifa, Israel (December 2004). Israel Journal of Zoology 51: 77-78. .
 11. **Shacham B.** 2004. Individual pattern as a method for identifying individual reptiles in field studies. Proceedings of the 40th Meeting of the Zoological Society of Israel, Sede Boqer, Israel (December 2003). Israel Journal of Zoology 50: 121-122.
 12. **Shacham B.** 2003. Supplementation of *Lacerta media israelica* populations of Mt. Carmel, Israel: Can we "re-right" our wrongs?. Proceedings of the 39th Meeting of the Zoological Society of Israel, Tel Aviv, Israel (December 2002). Israel Journal of Zoology 49: 87.
 13. **Shacham B.** 2002. Thermal biology in the polymorphic snake *Psammophis schokari* (Ophidia: Boiginae): results of field work in coastal sands of Israel. Proceedings of the 38th Meeting of the Zoological Society of Israel, Haifa, Israel (December 2001). Israel Journal of Zoology 48: 181.
 14. **Shacham B.** 1999. Polymorphism in *Psammophis schokari* (Ophidia: Boiginae) in the coastal plain of Israel: interim report from field study. Proceedings of the 35th Meeting of the Zoological Society of Israel, Haifa, Israel (December 1998). Israel Journal of Zoology 45: 321.
 15. Shifman S. & **Shacham B.** 1998. *Tropicolotes nattereri* (Reptilia: Gekkonidae): comments on validity, variation and distribution". Ecology and Environment 5: 52 (in Hebrew).
 16. **Shacham B.** & Shifman S. 1997: The *Tropicolotes* of Israel is *T. nattereri*. Proceedings of the 34th Meeting of the Zoological Society of Israel, Tel Aviv, Israel (December 1997). Israel Journal of Zoology 44: 88.

Abstracts:

1. Babocsay G., Talbi R., **Shacham B.** & Seligmann H. 2008. Nocturnal or diurnal? Notes on the daily activity pattern and life history of the Middle Eastern racer *Coluber elegantissimus* (Colubridae),

- Serpentes). Abstracts, First International Congress Documenting, Analysing and Managing Biodiversity in the Middle East, 20-23 October 2008, Aqaba, Jordan, p. 134.
2. Bouskila A. & **Shacham B.** 2008. Dune management and biodiversity: Effects of vegetation removal on reptile and rodent populations in Nizzanim sands (southern coastal plain, Israel). Abstracts, First International Congress Documenting, Analysing and Managing Biodiversity in the Middle East, 20-23 October 2008, Aqaba, Jordan, p. 54.
 3. **Shacham B.** & Sheffer E. 2008. Reptiles, goats and hacksaws: Effects of management on herpetofauna in Adulam reserve (Judean lowlands, Israel). Abstracts, First International Congress Documenting, Analysing and Managing Biodiversity in the Middle East, 20-23 October 2008, Aqaba, Jordan, p. 112.
 4. **Shacham B.** & Bouskila A. 2008. Dunes, shrubs and lizards: Short-term effects of vegetation management on reptile communities in Nizzanim sands (Israel). Abstracts, 6th World Congress of Herpetology (6WCH), Manaus, Brazil (August 2008).
 5. **Shacham B.** 2005. Tail injury linked to asymmetry in a polymorphic snake. Abstracts, 5th World Congress of Herpetology (5WCH), Stellenbosch, South Africa (June 2005).
 6. **Shacham B.** 2001. Thermal biology in the polymorphic snake *Psammophis schokari* (Ophidia: Boiginae): comments on results of field study in coastal sands of Israel. Abstracts, 4th World Congress of Herpetology (4WCH), Bentota, Sri Lanka (December 2001).
 7. **Shacham B.** 1998. Polymorphism in *Psammophis schokari* (Ophidia: Boiginae) in the coastal plain of Israel: interim report from field study. Abstracts, 3rd Asian Herpetological Meeting, Almaty, Kazakhstan (September 1998).
 8. **Shacham B.** & Shifman S. 1997. The *Tropicolotes* of Israel is *T. nattereri*. Abstracts, 3rd World Congress of Herpetology, Prague, Czech Republic (August 1997).