

## Publications

The Steinhardt Museum of Natural History is an important research infrastructure, used by scientists within and outside of the university. Here we list the 2013/2014 publications, that includes all publications of TAU members affiliated with the collections (whether they are directly collections-based or not). It under-represents publications of individuals from other institutions, since our follow-up is far from complete.

## Refereed articles

1. Ahmadzadeh, F., Flecks, M., Carretero, M. A., Bohme, W., Ilgaz, C., Engler, J. O., Harris, D. J., Uzum, N. and Rodder, D. 2013. Rapid lizard radiation lacking niche conservatism: ecological diversification within a complex landscape. Journal of Biogeography 40: 1807-1818.
2. Alcalay Y, Barkae ED, Ovadia O, Scharf I 2014. Consequences of the instar stage for behavior in a pit-building antlion. Behavioural Processes 103:105-111.
3. Alcalay Y, Ovadia O, Scharf I 2014. Behavioral repeatability and personality in pit-building antlion larvae under differing environmental contexts. Behavioral Ecology & Sociobiology 68:1985-1993.
4. Armoza- Zvuloni R., E. Kramarsky-Winter, Y. Loya, A. Schlesinger & H. Rosenfeld 2014. A unique sexual system in a sea anemone provides first evidence of trioecy in the animal kingdom Biology of Reproduction.
5. Barmann, E. V., Borner, S., Erpenbeck, D., Rossner, G. E., Hebel, C. and Worheide, G. 2013. The curious case of *Gazella arabica*. Mammalian Biology 78: 220-225.
6. Bar-Yosef Mayer D.E. and Porat N. 2013. Beads at Peqi'in. In Shalem D., Gal Z., Smithline H. (eds.), Peqi'in: A Late Chalcolithic Burial Site, Upper Galilee, Isarel. Kinneret Academic College and Ostracon. pp. 337-349.
7. Bar-Yosef Mayer D.E., 2013. Shell Beads. In Shalem D., Gal Z., Smithline H. (eds.), Peqi'in: A Late Chalcolithic Burial Site, Upper Galilee, Isarel. Kinneret Academic College and Ostracon. pp. 365-369.
8. Bar-Yosef Mayer, D. E. 2013. Marine Resources in the Early Neolithic of the Levant: Their Relevance to Early Seafaring. Eurasian Prehistory 10: 83-97.
9. Bar-Yosef Mayer, D. E., Leng, M. J., Aldridge, D.C., Arrowsmith, C., Gümüş, B.A., Sloane, H.J. 2013. *Unio* shells from Çatalhöyük: Preliminary palaeoclimatic data from incremental isotopic analyses along the growth axis of the shells. in: I. Hodder (ed.) Humans and landscapes of Çatalhöyük: reports from the 2000-2008 seasons. Çatalhöyük research project Volume 8. Cotsen Institute of Archaeology Press, Los Angeles, CA. 85-89.
10. Bar-Yosef Mayer, D.E. 2013, Mollusc Exploitation at Çatalhöyük. in: I. Hodder (ed.) Humans and landscapes of Çatalhöyük: reports from the 2000-2008

- seasons. Çatalhöyük research project Volume 8. Cotsen Institute of Archaeology Press, Los Angeles, CA. 329- 338.
11. Bar-Yosef Mayer, D.E. and A. Beyin, 2013, Mid-Holocene Shell Middens in Eritrea. In G.N. Bailey, K. Hardy and A. Camara (eds) Shell Energy: Mollusc shells as coastal resources. Oxbow Books: Oxford. pp. 229-239.
  12. Bar-Yosef Mayer, D.E., N. Porat and M. Weinstein-Evron, 2013, Natufian Green Stone Pendants from el-Wad: Characteristics and Cultural Implications. In: Natufian Foragers in the Levant: Terminal Pleistocene Social Changes in Western Asia, eds O. Bar-Yosef & F. R. Valla. Ann Arbor: International Monographs in Prehistory. pp. 139-145.
  13. Boonman, A., Y. Bar-On and Y. Yovel 2013. It's not black or white – on the range of vision an echolocation in echolocating bats, Front. Physiol. 2: 248.
  14. Botero C. A., R. Dor, C. M. McCain, R. J. Safran. 2014. Environmental harshness is positively correlated with intraspecific divergence in mammals and birds. Molecular Ecology. 23: 259-268.
  15. Bronstein O. & Y. Loya. 2013. The taxonomy and phylogeny of *Echinometra* from the Red Sea and Western Indian Ocean. PLoS ONE 8(10): e77374.
  16. Bronstein O. & Y. Loya. 2014. Echinoid community structure and rates of herbivory and bioerosion on exposed and sheltered reefs. JEMBE 456:8-17.
  17. Burçin A. Gümüş & Bar-Yosef Mayer, D.E., 2013, Micro-Freshwater Gastropods at Çatalhöyük as Environmental Indicators. in: I. Hodder (ed.) Humans and landscapes of Çatalhöyük: reports from the 2000-2008 seasons. Çatalhöyük research project Volume 8. Cotsen Institute of Archaeology Press, Los Angeles, CA. 79-84.
  18. China, V and R. Holzman\*.2014. Hydrodynamic starvation in first feeding larval fishes. Proceedings of the National Academy of Sciences USA 111, 8083–8088.
  19. Cohen-Shacham, E., T. Dayan, R.S. de Groot, C. Beltrame, F. Guillet, and E. Feitelson. 2014. Using the ecosystem services concept to analyse stakeholder involvement in wetland management. Wetlands Ecology and Management DOI 10/1007/s11273-014-9375-1.
  20. Страхова И.С., Ефремова З.А. Определительная таблица видов подсем. Eulophinae стр. 671-675. В кн: Определитель насекомых юга России. Учебное пособие. Том 1. коллектив авторов. Составитель К.С. Артохин. Ростов-на-Дону, Изд-во "Foundation". 2014. 1-866 с.
  21. Страхова И.С., Кошелева О.В., Наконечная И.В., Егоренкова Е.Н., Ефремова З.А., Костюков В.В. Семейство Eulophidae – Эвлофиды. Определительные таблицы подсемейств стр. 655-671.
  22. Danwei Huang, Francesca Benzoni, Hironobu Fukami, Nancy Knowlton, Nathan D. Smith & Ann F. Budd. 2014. Taxonomic classification of the reef coral families Merulinidae, Montastraeidae, and Diploastraeidae (Cnidaria: Anthozoa: Scleractinia). Zoological Journal of the Linnean Society 171(2): 277–355.
  23. Darroch S, Amelinda E. Webb AE, Longrich N and Belmaker J. 2014. Paleocene-Eocene evolution of beta-diversity among ungulate mammals in North America. Global Ecology and Biogeography, 23, pp. 757-768.

24. Diamant A, Rothman B-S.S., Goren M., Galil B.S. Yokes B., Szitenberg A. & Huchon D. 2014. A new xenoma-forming gonadotropic microsporidium (Microsporidia: Enterocytozoonidae) parasitic on the invasive blotchfin dragonet, *Callionymus filamentosus* (Teleostei: Callionymidae): development, pathogenesis and epizootiology. Diseases of Aquatic Organisms 109: 35-54.
25. Dohm, P., Kovac, D., Freidberg, A., Rull, J., and Aluja, M. 2014. Basic biology and host use patterns of tephritid flies (Phytalmiinae: Acanthonevrini, Dacinae: Gastrozonini) breeding in Bamboo (Poaceae: Bambusoidea). Annals of the Entomological Society of America 107 (1): 184-203.
26. Dor R., S. Rosenstein, I. Scharf. 2014. Foraging behaviour of a neglected pit-building predator: The wormlion. Animal Behaviour. 93: 69-76.
27. Dorchin N., Mifsud D. and Askew R. 2014. Saltbush-associated *Asphondylia* species (Diptera: Cecidomyiidae) in the Mediterranean Basin and their chalcidoid parasitoids (Hymenoptera: Chalcidoidea). Zootaxa 3869: 383–396.
28. Downs C.A., Kramarsky-Winter E., Fauth J.E., Segal R., Bronstein O., Jeger R., Lichtenfeld Y., Woodley C.M., Pennington P., Kushmaro A. & Y. Loya. 2013. Toxicological effects of the sunscreen UV filter, benzophenone-2, on planulae and in vitro cells of the coral, *Stylophora pistillata*. Ecotoxicology DOI 10.1007/s10646-013-1161-y.
29. Ehrlich, H., O. Kaluzhnaya, E. Brunner, M. Tsurkan, A. Ereskovsky, M. Ilan, K. R. Tabachnick, et al. 2013. Identification and first insights into the structure and biosynthesis of chitin from the freshwater sponge *Spongilla lacustris* (Linnaeus, 1759). Journal of Structural Biology 183: 474-483.
30. Ehrlich, H., O. V. Kaluzhnaya, M. Tsurkan, A. Ereskovsky, K. R. Tabachnick, M. Ilan, A. Stelling, R. et al. 2013. First Report on Chitinous Holdfast in Sponges (Porifera). Proceedings of the Royal Society B Lond. 280: 20130339 DOI: 10.1098/rspb.2013.0339
31. Ehrlich, H., P. Simon, M. Motylenko, M. Wysokowski, V.V. Bazhenov, R. Galli, A.L. Stelling, D. Stawski, M. Ilan, et al. 2013. Extreme Biomimetics: Formation of zirconium dioxide nanophase using chitinous scaffolds under hydrothermal conditions. Journal of Materials Chemistry B 1: 5092-5099 DOI: 10.1039/C3TB20676A
32. Ermolaev I.V., Yefremova Z. A., Trubitsyn A. V. 2014. Parasitoids of *Phyllonorycter populifoliella* Tr. (Lepidoptera, Gracillariidae). Proceedings of the St. Petersburg Forestry Academy. Issue 207. St. Petersburg. P. 20-28 (In Russian).
33. Feldman, A. and Meiri, S. 2013. Length-mass allometry in snakes. Biological Journal of the Linnean Society, 108: 161-182.
34. Finkelstein I. Langgut D. 2014. Dry Climate in the Middle Bronze I and its Impact on Settlement Patterns in the Levant and Beyond: New Pollen Evidence. Journal of Near Eastern Studies 73: 219-234.
35. Freedman A, Gronau I, Han E, Schweizer R, Ortega-Del Vecchyo D, Silva P, Galaverni M, Fan Z, Marx P, Lorente-Galdos B, Beale H, Ramirez O, Alkan C, Vilà C, Squire K, Geffen E, Kusak J, Boyko A, Parker H, Lee C, Tadisotla V, Siepe A, Bustamante C, Harkins T, Nelson S, Ostrander E, Marques-Bonet T,

- Wayne RK, Novembre J. 2014. Genome sequencing highlights the dynamic early history of dogs. PLoS Genetics, 10:e1004016.
36. Fuchs, I., Y. Aluma, M. Ilan, Y. Mastai 2014. Induced Crystallization of Amorphous Biosilica to Cristobalite by Silicatein. The Journal of Physical Chemistry B 118: 2104-2111 DOI: 10.1021/jp4114317
  37. Galil BS, A. Marchini, A. Occhipinti-Ambrogi, H., Minchin D, Naršćius A., Ojaveer H, Olenin S. 2014. International arrivals: widespread bioinvasions in European seas. Ethology Ecology & Evolution 26(2-3):152–171
  38. Galil BS, Boero F, Campbell ML, Carlton JT, Cook E, Frascetti S, Gollasch S, Hewitt CL, Jelmert A, Macpherson E, Marchini A, McKenzie C, Minchin D, Occhipinti-Ambrogi A, Ojaveer H, Olenin S, Piraino S, Ruiz G 2014. 'Double trouble': The expansion of the Suez Canal and marine bioinvasions in the Mediterranean Sea. Biological Invasions. (online).
  39. Galil BS, Gevili R. 2014. *Zoobotryon verticillatum* (Delle Chiaje,) (1822 Bryozoa, Ctenostomatida, Vesiculariidae), a new occurrence in the Mediterranean coast of Israel. Marine Biodiversity Records. 7: e17
  40. Galil BS, Rothman S, Gevili R, Shiganova T. 2014. First record of *Leucothea multicornis* (Quoy & Gaimard, 1825) (Ctenophora; Lobata; Leucothidae) in the Eastern Mediterranean. Marine Biodiversity Records 7; e89.
  41. Gewing M, Rhotman SBS, Raijman Nagar L, Shenkar N. 2014. Early stages of establishment of the non-indigenous ascidian *Herdmania momus* (Savigny, 1816) in shallow and deep water environments on natural substrates in the Mediterranean Sea. BioInv Rec 3: 77-81
  42. Gokhman V.E, Yefremova Z.A., Yegorenkova E.N. 2014. Karyotypes of parasitic wasps of the family Eulophidae (Hymenoptera) attacking some leaf-mining Lepidoptera (Gracillariidae, Gelechiidae). Comparative Cytogenetics. 8(1): 31-41.
  43. Goldberg, S. R. 2013. *Eirenis rothii* (Roth's Dwarf Racer). Reproduction. Herpetological Review 44: 153.
  44. Goldberg, S. R. 2013. *Mesalina olivieri* (Olivier's sand lizard). Reproduction. Herpetological Review 44: 676-677.
  45. Goldberg, S. R. 2013. *Pseudotrapelus sinaitus* (Sinai agama). Reproduction. Herpetological Review 44: 681-682.
  46. Goldberg, S. R. 2013. Reproduction in Bosk's Fringe-fingered Lizard, *Acanthodactylus boskianus* from Israel (Squamata: Lacertidae). Zoology in the Middle East, 59: 16-19.
  47. Goldberg, S. R. 2013. *Trapelus mutabilis* (Desert Agama). Reproduction. Herpetological Review 44: 149-150.
  48. Goldberg, S. R. 2013. *Trapelus savignii* (Egyptian sand agama). Reproduction. Herpetological Review 44: 685-686.
  49. Goldberg, S. R. 2014. *Echis coloratus* (Palestine saw-scaled Viper). Reproduction. Herpetological Review 45: 515-516.
  50. Goldberg, S. R. 2014. *Platyceps collaris* (collared dwarf racer). Reproduction. Herpetological review 45: 342-343.

51. Goldberg, S. R. 2014. Reproduction in the Beerr Sheva fringe-fingered lizard, *Acanthodactylus beershebensis* (Squamata: Lacertidae) from Israel. *Herpetological Bulletin* 128: 20-21.
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54. Goldberg, S. R. and Bursey, C. R. 2013. *Mesalina olivieri* (Olivier's sand lizard). *Cestode endoparasites*. *Herpetological Review* 44: 676.
55. Goldberg, S. R. and Bursey, C. R. 2014. *Stenodactylus sthenodactylus* (elegant gecko). *Cestode endoparasites*. *Herpetological Review* 45: 135-136.
56. Goren M., Ganga U. and Jinesh T.P. 2014. *Champsodon vorax* and *Champsodon nudivittis*, two new records from the north eastern Arabian Sea (Perciformes, Champsodontidae). *Marine biodiversity records*. 7; e45:1-4
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58. Greif, S., I. Borissov, Y. Yovel and R.A. Holland 2014. A functional role of the sky's polarization pattern for orientation in the greater mouse-eared bat. *Nat. Commun.* 5:4488.
59. Gul S, Moazzam M, Galil BS 2014. First record of *Marivagia stellata* (Scyphozoa: Rhizostomeae: Cepheidae) from the coast of Pakistan. *Marine Biodiversity Records* 7, e112
60. Gutiérrez-Rodríguez J, Salvi D, Geffen E, Gafny S, Martínez-Solano I. 2014. Isolation and characterization of novel polymorphic microsatellite loci in Iberian painted frogs (*Discoglossus galganoi* and *D. jeanneae*), with data on cross-species amplification in *Discoglossus* and *Latonia* (Alytidae). *Herpetological Journal*, 24: 261-265.
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62. Haber, M. & M. Ilan 2013. Diversity and antibacterial activity of bacteria cultured from Mediterranean *Axinella* spp. sponges. *Journal of Applied Microbiology* 116: 519-532.
63. Haber, M., A. Gur, D. Blihoghe, & M. Ilan. 2013. Barnacle fouling in the Mediterranean sponges *Axinella polypoides* and *A. verrucosa*. *Marine Ecology - An Evolutionary Perspective* 34: 467-473 DOI: 10.1111/maec.12047
64. Haber, M., S. Shefer, A. Giordano, P. Orlando, A. Gambacorta, & M. Ilan. 2013. *Fulvitalia axinellae* gen. nov., sp. nov., a novel member of the family *Flammeovirgaceae* isolated from the Mediterranean sponge *Axinella verrucosa*. *International Journal of Systematic and Evolutionary Microbiology* 63: 1678-1983.
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- the Mediterranean sponge *Axinella verrucosa*. International Journal of Systematic and Evolutionary Microbiology 63: 1089–1095.
66. Haber, M., S. Shefer, A. Giordano, P. Orlando, A. Gambacorta, & M. Ilan. 2013. *Luteivirga sdotyamensis* gen. nov., sp. nov., a novel bacterium of the phylum *Bacteroidetes* isolated from the Mediterranean sponge *Axinella polypoides*. International Journal of Systematic and Evolutionary Microbiology 63: 939–945.
  67. Heiman, E.L., Holtzer, E., Mienis, H.K. & Singer, B.S., 2013. Shells of East Sinai: Buccinidae. Triton, 28: 4-5.
  68. Heiman, E.L., Holtzer, E., Mienis, H.K. & Yerenburg, Y., 2013. Populations of *Purpuradusta gracilis* in the Israeli waters of the Mediterranean Sea. Triton, 28: 16-18.
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  73. Khallaayoune Khalid, Whitney A Qualls, Edita E Revay, Sandra A Allan, Kristopher L Arheart, Kravchenko Vasiliy D., Rui-De Xue, Yosef Schlein, John C Beier, Günter C Müller, 2013. Attractive Toxic Sugar Baits: Control of Mosquitoes with the Low-Risk Active Ingredient Dinotefuran and Potential Impacts on Nontarget Organisms in Morocco. Environmental entomology 42(5): 1040-1045.
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  75. Koch, L., A. Lodin, I. Herold, M. Ilan, S. Carmeli, O. Yarden 2014. Sensitivity of *Neurospora crassa* to two marine-derived *Aspergillus tubingensis* anhydrides exhibiting antifungal activity that is mediated by the MAS1 protein. Marine Drugs 12: 4713-4731.
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2. Ben-Zvi O., Eyal G., & Y.Loya (2014). Depth-dependent fluorescence in the coral *Galaxea fascicularis* Hydrobiology
3. Boonman, A., S. bumrungsri and Y. Yovel 2014. Non-echolocating fruit-bats produce bio-sonar clicks with their wings. Current Biology
4. Bronstein O. & Y. Loya. 2014. Photoperiod, temperature, and food availability as drivers of the annual reproductive cycle of the sea urchin *Echinometra* sp. from the Gulf of Aqaba (Red Sea). Coral Reefs.
5. Burckhard, D., Zoya Yefremova, E. Yegorenkova. The jumping plant-louse *Diaphorina teucarii* sp. nov. (Hemiptera, Liviidae) associated with *Teucrium* (Lamiaceae) and its parasitoid *Tamarixia dorchini* sp. nov. (Hymenoptera, Eulophidae) from the Negev desert, Israel. Zootaxa.

6. Cvikel, N. E. Levin, E. Hurme, I. Borissov, A. Boonman, E. Amichai and Y. Yovel 2014. On-board recordings reveal no jamming avoidance in wild bat. Proc. R. Soc. B.
7. Cvikel, N., K. E. Berg, E. Levin, E. Hurme, I. Borissov, A. Boonman, E. Amichai and Y. Yovel 2014. Bats aggregate to improve prey search but might be impaired when their density becomes too high. Current Biology
8. Demartsev V, Kershenbaum A, Ilany A, Barocas A, Bar Ziv E, Koren L, Geffen E. 2014. Male hyraxes increase song complexity and duration in the presence of alert individuals. Behavioral Ecology.
9. Dorchin N., Joy JB, Hilke LK, Wise MJ & Abrahamson WG. Taxonomy and phylogeny of the *Asphondylia* species (Diptera: Cecidomyiidae) on North American goldenrods: challenging morphology, complex host-associations, and cryptic speciation. Zoological Journal of the Linnean Society.
10. Dray L., Neuhof M., Diamant A. & Huchon D. The complete mitochondrial genome of the gilthead seabream *Sparus aurata* L. (Sparidae). Mitochondrial DNA.
11. Dray L., Neuhof M., Diamant A. & Huchon D. The complete mitochondrial genome of the devil firefish *Pterois miles* (Bennett, 1828) (Scorpaenidae). Mitochondrial DNA.
12. Ermolaev I.V., Yefremova Z.A., Trubitsyn A.V. Parasitoids (Hymenoptera: Eulophidae) of *Phyllonorycter populifoliella* (Lepidoptera: Gracillariidae) on *Populus balsamifera* L. (Salicaceae) in western European Russia. SHILAP.
13. Langgut D. Gleason K. Burrell B. Pollen Analysis as Evidence for Herod's Royal Garden at the Promontory Palace, Caesarea. Israel Journal of Plant Sciences.
14. Langgut D. Prestigious fruit trees in ancient Israel: First palynological evidence for growing. Juglans regia and Citrus medica. Israel Journal of Plant Sciences.
15. Mayzel, B., M. Haber, M. Ilan 2014. Chemical defense against fouling in the solitary ascidian *Phallusia nigra*. Biological Bulletin .
16. Maza, E., Feldman, A., Fishelson, L. and Meiri, S. *Platyceps largeni* (Schatti, 2001) – sixths specimen and distribution extension. Check List.
17. Parravicini V, Azzuro E, Kulbicki M, Belmaker J. Niche shift impairs our ability to predict invasion risk in the marine realm. Ecology Letter.
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26. Yefremova, Z. A, Kravchenko, V. D. Interactions among host plants, Lepidoptera leaf miners and their parasitoids in the forest-steppe zone of Russia (Insecta: Lepidoptera, Hymenoptera) . SHILAP Revta. lepid., 42 (168), diciembre 2014: 10 eISSN: 2340-4078 ISSN: 0300-5267.
27. Yefremova, Z. A. New species and new record of *Euplectromorpha* Girault (Hymenoptera, Eulophidae) from Southeast Asia. Oriental Insects.
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## Chapters in books

1. Hoffman, R. 2013. Alien benthic algae and seagrasses in the Mediterranean Sea and their connection to global warming. In: Goffredo, S. and Dubinsky, Z. (eds.). The Mediterranean Sea: Its History and Present Challenges. Springer Publishers, Netherlands. pp. 159-181
2. Kurzawska, A., Bar-Yosef Mayer, D.E. & Mienis, H.K., 2014. Scaphopod shells in the Natufian Culture. In O. Bar-Yosef & F.R. Valla (Eds.): Natufian Foragers in the Levant. Terminal Pleistocene Social Changes in Western Asia. International Monographs in Prehistory, Archaeological Series, 19: 611-621 + 4 p. (dated 2013, but published February 2014).
3. Mienis, H.K., 2014. Shells from Areas Z. In H. Geva (Ed.): Jewish Quarter Excavations in the Old City of Jerusalem conducted by Nahman Avigad, 1969-1982. Vol. 6: Areas J, N, Z and other studies. Final Report, 373-376. Israel Exploration Society & Institute of Archaeology, Hebrew University of Jerusalem, Jerusalem.

4. Ostrovsky I., Goren M., Shapiro J., Snovsky G., Rynskiy A. 2014. Fish biology and ecology. In Lake Kinneret: Ecology and Management (Eds T. Zohary, A. Sukenik, T. Berman, A. Nishri). Springer, Dordrecht, 683 pp.

### **Accepted for publication**

1. Dorchin N., Harris K.M., and Jaschhof M. Cecidomyiidae (chapter 22) In: Kirk-Spriggs A. & Sinclair B. (eds.) Manual of Afrotropical Diptera. South African National Biodiversity Institute (SANBI) publications.
2. Geffen E, Peters G. 2013. In press. *Vulpes cana*. In The Mammals of Africa, Vol. 4., Kingdon J, Butynski T. (eds.). Academic Press, New York.
3. Hawlena, H., F. Ben-Ami. A community perspective on the evolution of virulence. In Morand, S., Krasnov, B., Littlewood, T. (eds), Parasite Diversity and Diversification: Evolutionary Ecology meets Phylogenetics. Cambridge University Press, Cambridge, UK, 41 pp.

### **Books**

1. Bar, A. & Haimovitch, G., 2014. Reptiles and Amphibians of Israel. Herzliya, Israel, 245pp.
2. Goren M., Shults, D., and Gafni A. 2013. The Current State of Fish and Israel's Fisheries in the Mediterranean Sea. A special report to the Society for the Protection of Nature in Israel (SPNI). English version. 1-80pp. Tel Aviv.
3. Yom-Toy, Y. 2014. Faunistics of terrestrial vertebrates: an Israeli view: Vol. 4: Mammals. Open Universityo Israel.

### **Papers presented in scientific meetings**

- 2013 Ascidiars of the Red Sea: an overlooked hotspot of biodiversity. The 7<sup>th</sup> Tunicata Meeting, Naples, Italy (Shenkar N.).
- 2013 A biogeographic perspective on species invasion: Red Sea fish introduction into the Mediterranean. The International Biogeographic Society biennial Meeting (Miami, Florida) (Belmaker J, Parravicini V, Kulbicki M).
- 2013 Frontiers in Marine Ecology. The Israeli association for aquatic sciences annual meeting (Michmoret, Israel) (Belmaker J.).
- 2013 Global Change and the Future of Biodiversity. The Kavli Frontiers of Science Symposium (Irvine, CA) (Belmaker J.).
- 2013 Updat of the sponge species along the Mediterranean coasts of Israel. 50th Annual Meeting of the Zoological Society of Israel, Tel Aviv University. (S. Shefer, T. Feldstein, R. Yahel, D. Huchon, M. Ilan).
- 2013 Plenary Lecture: Reproductive Strategies of Fungiid Corals in the Coral Reefs of Okinawa, Eilat and Aqaba Eighth International Conference on Coelenterate Biology (ICCB8), Dec 1-7 Eilat, Israel (Loya, Y.)

- 2013 ASOR (American Schools of Oriental Research) meeting, Baltimore, Maryland. Paper presented: Personal Ornaments at Peqi'in Cave (Bar-Yosef Mayer, D. E).
- 2013 Changes in Natural and Cultural Landscape at the beginning of Urbanization Process, the case of Tel Beth Yerah and Lake Kinneret. The Annual Conference of Israel National Parks Designing - "Landscape Design and Archaeology", Tel-Aviv, Israel (D. Langgut, R. Greenberg).
- 2013 Climate Changes during the Bronze and Iron Ages in the Southern Levantine Region. Society of Biblical Literature (SBL). Annual Meeting, Baltimore, USA (D. Langgut).
- 2013 Food and Culture in Smelting Sites: a view from Timna. In: Mining for Copper: Environment, Culture and Copper in Antiquity International Conference. Timna, Israel (Sapir-Hen, L. and Ben-Yosef, E.).
- 2013 Geoarchaeological Investigations at Megiddo and in the Negev Highlands. New Discoveries and Innovations, summer: Excavations of the Sonia and Marco Nadler Institute of Archaeology, Tel Aviv University, Tel Aviv, Israel (I. Finkelstein, R. Shachk-Gross, Z. Danset, D. Langgut).
- 2013 Jerusalem and its Hinterland during the Iron Age: Economic, Social and Cultic Aspects. In: The American Schools of Oriental Research Annual Meeting. Baltimore, USA (Gadot, Y. and Sapir-Hen, L.).
- 2013 Marine Life in the Flow: Physical-Biological Interactions from the Individual Organism to the Global Scale", Eilat, Israel (Holzman R.).
- 2013 New record of parasitoids (Hymenoptera: Braconidae, Eulophidae) of the moth *Phyllonorycter quercifoliella* (Lepidoptera: Gracillariidae) on *Quercus ithaburensis* in Israel. The 32th Conference of the Entomological Society of Israel. (Yefremova, Z., W. Kuslitzky and V. Kravchenko.).
- 2013 Patricians and Plebeians Reflected in the Material Culture of Iron I Megiddo. In: The American Schools of Oriental Research Annual Meeting. Baltimore, USA (Sapir-Hen, L. and Arie, E.).
- 2013 Pig Husbandry in Iron Age Israel and Judah: The Origin of the Pig Taboo. In: The 11th Meeting of International Council of Archaeozoologists - Archaeology of South West Asia Working Group. Haifa, Israel (Sapir-Hen, L., Bar-Oz, G., Gadot, Y., Finkelstein, I.).
- 2013 Pigs from the Near-East: Identification and Morphological Change through Time. In: The 11th Meeting of International Council of Archaeozoologists - Archaeology of South West Asia Working Group. Haifa, Israel (Evin, A., Flink, L.G., Cucchi, T., Bar-Oz, G., Sapir-Hen, L., Meiri, M., Larson, G., and Dobney, K.).
- 2013 The 8<sup>th</sup> International Conference on Marine Bioinvasions, Vancouver, Canada  
Title of lecture: Early detection of sessile invertebrates in the Eastern Mediterranean (Shenkar N.).

- 2013 The Fall of Canaan and the Rise of the Israeli Entity in Light of Climate Changes. The Fifty fourth Annual Conference of the Israel Geographical Association, Bar-Ilan, Israel (D. Langgut).
- 2013 The Late Bronze Age Collapse: Paleoenvironmental, Archaeological and Textual Evidence. Annual Meeting of the American Schools of Oriental Research (ASOR), Baltimore, USA (D. Langgut).
- 2013 The Mediterranean is Red – new biota in an ancient sea. The 54<sup>th</sup> Conference of the Israeli Geographical Association. Ramat Gan, Israel. 1-2 December, (Goren M).
- 2013 The Origin of the Pig Taboo: Pig Husbandry in Iron Age Israel and Judah. In: Society of Biblical Literature Annual Meeting. Baltimore, USA (Sapir-Hen, L.).
- 2014 International Invasive Sea Squirt Conference V, Woods Hole, USA. Title of lecture: Exit the Suez Canal and take a right- Early detection of non-indigenous ascidians along the Mediterranean coast of Israel (Shenkar N.).
- 2014 CT-Enhanced anatomy course using enterprise visualisation. The 18<sup>th</sup> congress of the International Federation of Associations of Anatomists. Annals of Anatomy, 196(S1), pp. 222, IFAA, Beijing, China (H May, H Cohen, B Medlej, D Stein, N Peled, I Hershkovitz).
- 2014 Evolutionary medicine: How and why people get sick? Schweizer Medizinstudentenkongress. Zurich, Switzerland (May H.).
- 2014 German Society of Zoology – annual meeting, University of Göttingen, Germany (Scharf I.).
- 2014 Integrating Geometric-morphometrics analysis to human long bones studies. The 18<sup>th</sup> congress of the International Federation of Associations of Anatomists. Annals of Anatomy, 196(S1), pp. 163, IFAA, Beijing, China (H May, F Ruhli).
- 2014 Parafacets in Middle Paleolithic dentitions: questioning their usefulness for behavior reconstruction. The 16th International Symposium on Dental Morphology and 1st Congress of the International Association for Paleodontology, Zagreb, Croatia. (Sarig, R.)
- 2014 Pattern of maxillary and mandibular proximal enamel thickness at the contact area of the permanent dentition The Israeli Dental Association, Tel Aviv, Israel. (Sarig, R.).
- 2014 What femoral mid-shaft morphology tells us about early farmers at the advent of agriculture? The 18<sup>th</sup> congress of the International Federation of Associations of Anatomists. Annals of Anatomy, 196(S1), pp. 88, IFAA, Beijing, China (H May, T Sella-Tunis, H Cohen, D Stein, B Medlej, I Hershkovitz).
- 2014 Second International Mesopotamic Coral Reef Workshop (MCEIsrael), Oct.26-31, Inter-University Institute (IUI), Eilat, Israel (Chairman and organizer of workshop) Israel (Loya, Y.)
- 2014 33<sup>rd</sup> annual meeting of the Entomological Society of Israel, Volcani Center, Bet Dagan, Israel (Dorchin, N.).

- 2014 8<sup>th</sup> International Congress of Dipterology, Potsdam, Germany (Dorchin, N.).
- 2014 Archaeobotanical remains in Ramat Beit Shemesh: Methodology and Concept. A Symposium on Advanced Methods in Salvage Excavations at Ramat Beit Shemesh: Tel Aviv University and Israel Antiquity Authority, Tel-Aviv, Israel (D. Langgut).
- 2014 Diet and Status of Ancient Metal Workers: the early Iron Age at Timna, Israel. In: The American Schools of Oriental Research Annual Meeting. San-Diego, USA (Sapir-Hen, L.).
- 2014 Dietary Habits and Identity in Early Roman Jerusalem as Reflected in Faunal Remains of the Kidron Garbage Dump. In: The American Schools of Oriental Research Annual Meeting. San-Diego, USA (Spiciarich, A. and Sapir-Hen, L.).
- 2014 EAA (European Association of Archaeologists), Istanbul. Paper presented: Neolithic voyages to Cyprus: Wind patterns, routes and mechanisms (Bar-Yosef Mayer, D. E).
- 2014 Evaluating species delineation in *Sardinella* and *Spratelloides* genera (Clupeidae) by aligning DNA barcoding markers with traditional morphological parameters. Second International Fish Barcode of Life Conference. Chetumal, Mexico. September 24-26. (Stern N., Rinkevich B., Goren M).
- 2014 First appearance of *Citrus medica* in the southern Levant. The History and Archaeology of Citrus fruits in the Mediterranean: introductions, diversifications, uses. Pompeii, Italy (D. Langgut).
- 2014 Fuel Use at Iron Age Timna Site 34: The Anthracological Perspective. Annual Meeting of the American Schools of Oriental Research (ASOR), San-Diego, USA (M. Cavanagh, D. Langgut, E. Ben-Yosef).
- 2014 Host age modulates parasite infectivity, virulence and reproduction. CNRS Conférences Jacques-Monod – Infectious diseases as driver of evolution: the challenges ahead, (F. Ben-Ami)
- 2014 How Did the Qesem People Use their Teeth? The Union Internationale des Sciences Préhistoriques et Protohistoriques – UISPP, Burgos, Spain. (Sarig, R.).
- 2014 ICAZ (International Council for Archaeo-Zoology), San Rafael, Argentina. Paper presented: Shell Midden to Shell artifact: *Unio* shells as a multi-purpose resource (Bar-Yosef Mayer, D. E).
- 2014 ILANIT/FISEB 2014. Eilat, Israel (Holzman R.).
- 2014 Is total castration optimal? Empirical evidence from a crustacean-bacterium host-parasite system. 10<sup>th</sup> Symposium on Cladocera, (L. Goren, M. Reisler, F. Ben-Ami).
- 2014 Old Fish-New parasite. 11<sup>th</sup> Annual Congress of the Israel Association for Aquatic Sciences May 22, 2014. Peres Center for Peace, Tel Aviv-Jaffa, Israel. (Rothman, S., M. Goren and A. Diamant).

- 2014 Parasitoids of housefly in Israel. The 33th Conference of the Entomological Society of Israel. (Chiel, E., W. Kuslitzky).
- 2014 Prolonged droughts (~1250-1100 BCE) and their link to the "crisis years": new palynological evidence from the southern Levant (*Invited lecture: economy travel costs and board are reimbursed*). International conference on Climate and Environment in the late 2nd Millennium B.C. Aegean and Mediterranean: "Too Cold for this P(a)lace?" Leuven, Belgium (D. Langgut).
- 2014 Social Status, Ethnicity and Animal Economy at the Late Bronze/Iron Age Copper Smelting Sites at Timna, Israel. In: 9th International Congress on the Archaeology of the Ancient Near East. Basel, Swiss (Sapir-Hen, L. and Ben-Yosef, E.).
- 2014 Society for Integrative and comparative Biology (SICB) annual meeting, Austin, Texas (Holzman R.).
- 2014 The biodiversity of testate amoebae within the Mediterranean region of Israel. 7<sup>th</sup> International Symposium on Testate Amoebae 8-12 September 2014, Poznań, Poland, (Bobrov A., Kravchenko Vasiliy D., Müller Günter C.).
- 2014 The coastal system of the eastern Mediterranean sea is becoming a province of the Red Sea. International conference: ECSA 54 - Coastal systems under change: tuning assessment and management tools. Sesimbra, Portugal. 12-16, May, 2014. (Goren M., Galil B.S., Diamant A.).
- 2014 The environmental parameters affect Cichlids reproduction in Lake Kinneret. 11<sup>th</sup> Annual Congress of the Israel Association for Aquatic Sciences May 22, 2014. Peres Center for Peace, Tel Aviv-Jaffa, Israel. (Canings D., A. Gasith T. Zohary and M. Goren).