

## Publications

The national collections of natural history are an important research infrastructure, used by scientists within and outside of the university. Here we list the 2012/2013 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. Abbas, J., Hamoud K, May H, Peled N, Sarig R, Stein D, Alperovitch-Najenson D, Hershkovitz I. 2013. Socioeconomic and physical characteristics of degenerative lumbar spinal stenosis individuals. Spine (Phila Pa 1976).
2. Appeltans et al. (+115 co-authors). 2012. Magnitude of global marine biodiversity: one third of sea creatures discovered. Curr Biol 22:1-14 Highlighted in "Nature Research Highlights" Nature 491:498.
3. Armoza-Zvuloni, R., E. Kramarsky-Winter, H. Rosenfeld, L.S Shore, D Sharon and Loya Y. 2012. Reproductive characteristics and steroid levels in the scleractinian coral *Oculina patagonica* inhabiting contaminated sites along the Israeli Mediterranean coast. Marine Pollution Bulletin 64:1556-1563.
4. Assmann, T., J. Buse, V. Chikatunov, C. Drees, A.-L.-L. Friedman, W. Härdtle, T. Levanony, I. Renan, A. Seyfferth and D. W. Wrase 2012. The ground beetle tribe Trechini in Israel and adjacent regions (Coleoptera, Carabidae). Spixiana 35(2): 193-208.
5. Bamber, R.N. 2012. A re-assessment of *Hexapleomera* Dudich, 1931 (Crustacea: Tanaidacea: Tanaidae), with designation of three new species. Zootaxa 3583:51-70.
6. Barkae, ED., Scharf, I., Abramsky, Z. and Ovadia, O. 2012. Jack of all trades, master of all: A positive association between habitat niche breadth and foraging performance in pit-building antlion larvae. PLoS One 7:e33506.
7. Bar-Yosef Mayer, D. E., 2013, Towards a Typology of Stone Beads in the Neolithic Levant. Journal of Field Archaeology 38(2):129-142. DOI 10.1179/0093469013Z.00000000043
8. Belmaker J, Parravicini V. and Kulbicki M. Ecological traits and environmental affinity explain Red Sea fish introduction into the Mediterranean. Global Change Biology 19:1373-1382.
9. Belmaker J. and Jetz W. 2012. Regional pools and environmental controls of vertebrate assemblages. The American Naturalist 179: 512-523.
10. Belmaker J. and Jetz W. 2012. Specialization and coexistence in species-rich bird assemblages. Journal of Biogeography 39:193-203.

11. Belmaker J. and Jetz W. 2013. Spatial scaling of functional structure in bird and mammal assemblages. The American Naturalist 181: 464-478.
12. Ben-Ami, F. and Routtu, J. 2013. The expression and evolution of virulence in multiple infections: The role of specificity, relative virulence and relative dose. BMC Evolutionary Biology 13:97 (11 pp.).
13. Benayahu Y. 2013. Notes on some tropical octocorals at the Zoological Museum, University of Copenhagen, Denmark (Cnidaria: Octocorallia). The Raffles Bulletin of Zoology 61:7-11.
14. Benayahu, Y. Leendert Pieter van Ofwegen, Chang-feng Dai, Ming-Shiou Jeng, Keryea Soong, Alex Shlagman, Henryi J. Hsieh, and Catherine S. McFadden. Diversity, Distribution, and Molecular Systematics of Octocorals (Coelenterata: Anthozoa) of the Penghu Archipelago, Taiwan. Zoological Studies. 51(8): 1529-1548 (2012)
15. Benayahu, Y. van Ofwegen, L.P. Dai, C.-F. Jeng, M.-S. Soong, K. Shlagman, A. Hsieh, H.J. and McFadden C.S. 2012. Diversity, distribution and molecular systematics of octocorals (Coelenterata: Anthozoa) on Penghu archipelago, Taiwan. Zoological Studies 51:1529-1548.
16. Benayahu, Y. and van Ofwegen L.P. 2012. Octocorals (Cnidaria: Anthozoa) from Reunion, with a description of two new species of the genus *Sinularia* and notes on the occurrence of other species. Zoosystema 34: 673-699.
17. Ben-Nun, A., Guershon, M. and Ayali, A. 2013. Self body-size perception in an insect. Naturwissenschaften 100: 479-484.
18. Biton, R., Geffen, E., Vences, M., Cohen, O., Bailon, S., Rabinovich, R., Malka, Y., Oron, T., Boistel, R., Brumfeld, V. and Gafny, S. 2013. The rediscovered Hula painted frog is a living fossil. Nature Communications, 4:1959.
19. Bogi, C. and Galil BS. 2013. *Monotygma watsoni*, a parasitic Erythraean alien pyramidellid (Mollusca, Gastropoda, Heterobranchia) newly recorded in the Mediterranean Sea. Marine Biodiversity Records 6, e80.
20. Bogi, C. and Galil, B. 2012. *Finella pupoides* Adams A., 1860 (Gastropoda, Scaliolidae) – a population explosion underway, Mediterranean Sea. BioInvasions Records 2(1): 43-45.
21. Bogi, C. and Galil, B. 2013. New molluscan records from the Eastern Mediterranean bathyal. Marine Biodiversity Records 6 e19.
22. Bogi, C. and Galil, B.S., 2012. First record of *Pseudorhaphitoma* cf. *iodolabiata* (Hornung and Mermod, 1928) (Mollusca; Gastropoda; Mangeliidae) off the Mediterranean coast of Israel, BioInvasions Records, 1(1), 33-35.
23. Bogi, C., Galil, B.S. 2013. *Cylichna villersii* (Audouin, 1826), an Erythraean cephalaspideid snail (Mollusca, Gastropoda, Opisthobranchia) in the Eastern Mediterranean. Marine Biodiversity Records 6, e92.
24. Bolte, S., Haslob, H., Huwer, B., Thibault-Botha, D., Fuentes, V., Angel, D., Galil, B.S., Javidpour, J., Moss, A.G. and Reusch, T.B.H. 2013. Population genetics of the invasive ctenophore *Mnemiopsis leidyi* in Europe reveal source-sink dynamics and secondary dispersal to the Mediterranean Sea Marine Ecology Progress Series 485: 25-36.

25. Brink, E.C.M. van den, Ruthgaizer, O., Gorin-Rosen, Y., Horwitz, L.K., Liphshitz, N. and Mienis, H.K., 2013. Two Roman-Byzantine subsurface features at Horbat Qastra (Castra), at the foot of Mount Carmel. 'Atiqot, 75: 71-127.
26. Bronstein O. and Loya Y. 2013. The taxonomy and phylogeny of echinometra (camarodonta: echinometridae) from the red sea and Western Indian ocean. PLOSone Volume: 8 Issue: 10 Pages: e77374 DOI: 10.1371/journal.pone.0077374 Published: 2013 Oct 08
27. Buijse, J.A., Dekker, H. and Verbinnen, G., 2013. On the identity of *Casmaria* species, with descriptions of two new species. Acta Conchyliorum Monographien, 14: 1-93.
28. Buse, J., Assmann, T., Friedman, A.L.L., Rittner, O. and Pavlicek, T. 2003. Wood-inhabiting beetles (Coleoptera) associated with oaks in a global biodiversity hotspot: a case study and checklist for Israel. Insect Conservation and Diversity. doi: 10.1111/icad.12023
29. Cerasale D. J., R. Dor, D. W. Winkler, I. J. Lovette. 2012. Phylogeny of the *Tachycineta* genus of New World swallows: Insights from complete mitochondrial genomes. Molecular Phylogenetics and Evolution. 63:64–71.
30. Chikatunov, V. In memory of Igor' Konstantinovich Lopatin. Caucasian Entomological Bulletin 9(1): 4-6.
31. Cohen, H. Sarie I, Medlej B, Bocquentin F, Toledano T, Hershkovitz I. and Slon, V. 2012. Trauma to the skull: A historical perspective from the Southern Levant (4300BCE–1917CE). Int. J. Osteoarchaeol, doi: 10.1002/oa.2258.
32. Cohen, H., V. Sloan, H. May, I. Hershkovitz, E. Peled, D. Norman. 2013. Musculoskeletal wounds characteristic of the Second Lebanon War. Forensic Medicine and Anatomy Research. pp.14-17.
33. Cohen, O., Barocas, A. and Geffen, E. 2013. Conflicting management policies for the Arabian wolf in the Negev Desert: Is this justified? Oryx, 47:228–236.
34. Cohen, H. Slon V, Barash A, May H, Medlej B. and Hershkovitz I. 2012. Assyrian attitude towards captive enemies: A 2700 Years Old Paleo-Forensic Study. Int. J. Osteoarchaeol, DOI: 10.1002/oa.2288 \_
35. Corbera, J, Galil B.S. and Sorbe J.C. 2012. First record of *Campylaspis laevigata* (Crustacea: Cumacea: Nannastacidae) in the Mediterranean Sea: redescription and ecological notes. Marine Biodiversity Records doi:10.1017/S1755267212000899; Vol. 5; e106
36. Crocetta, F. and Galil, B. 2012. The invasive spotted sea hare *Aplysia dactylomela* (Mollusca: Gastropoda: Aplysiidae) – new records and spread pattern in the Mediterranean. Vie and Milieu 62(1): 43-46.
37. David, K.J. Hancock, D.L. Freidberg A. and Goodger, K.F.M. 2012. New species and records of *Euphranta* Loew and other Adramini (Diptera: Tephritidae: Trypetinae) from south and southeast Asia. Zootaxa 3635 (4): 439-458.

38. De Grave, S, Einav R and Galil BS. 2012 Recent records of the Indo-Pacific species, *Lucifer hanseni* Nobili, 1905 (Crustacea; Decapoda; Luciferidae) from the Mediterranean coast of Israel. Bioinvasion Records 1(2): 105-108.
39. Dor R., C. B. Cooper, I. J. Lovette, V. Massoni, F. Bulit, M. Liljestrom, and D. W. Winkler. 2012. *Clock* gene variation in *Tachycineta* Swallows. Ecology and Evolution. 2:95-105.
40. Dor R., R. J. Safran, Y. Vortman, A. Lotem, A. McGowen, M. R. Evans and I. J. Lovette. 2012. Population genetics and morphological comparisons of migratory European (*Hirundo rustica rustica*) and sedentary East-Mediterranean (*H. r. transitiva*) Barn Swallows. Journal of Heredity. 103:55-63.
41. Ehrlich, H., O. Kaluzhnaya, E. Brunner, M. Tsurkan, A. Ereskovsky, M. Ilan, K. R. Tabachnick, V. V. Bazhenov, S. Paasch, M. Kammer, R. Born; A. Stelling, R. Galli; S. Belikov, O. V. Petrova, V. Sivkov, D. Vyalikh, S. Hunoldt, and Wörheide G. 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.
42. Ehrlich, H., O. V. Kaluzhnaya, M. Tsurkan, A. Ereskovsky, K. R. Tabachnick, M. Ilan, A. Stelling, R. R. Galli, O. V. Petrova, S. V. Nekipelov, V. N. Sivkov, D. Vyalikh, R. Born, T. Behm, A. Ehrlich, L. I. Chernogor, S. Belikov, D. Janussen, V.V. Bazhenov and Wörheide G. 2013. First Report on Chitinous Holdfast in Sponges (Porifera). Proceedings of the Royal Society B Lond. 280: 2013.0339.
43. Ehrlich, H., P. Simon, M. Motylenko, M. Wysokowski, V.V. Bazhenov, R. Galli, A.L. Stelling, D. Stawski, M. Ilan, H. Stöcker, B. Abendroth, R. Born, T. Jesionowski, and Meyer D.C. 2013. Extreme Biomimetics: Formation of zirconium dioxide nanophase using chitinous scaffolds under hydrothermal conditions. Journal of Materials Chemistry B 1:5092-5099.
44. Emeljanov, A.F., Stern, T. and A. Freidberg. 2012. The Dictyopharidae (Homoptera: Cicadina: Fulgoroidea) of Israel. Israel Journal of Entomology, 41-42:2011-2012 pp. 7-20.
45. Eppelbaum, L.V. and Katz, Y.I., 2012. Key Features of Seismo-Neotectonic Pattern of the Eastern Mediterranean. Izv. Acad. Sci. Azerb. Rep., Geology, Ser.: Earth Sciences 3:29-40.
46. Eppelbaum, L.V., Katz, Y.I. and Ben-Avraham, L., 2012. Israel - Petroleum Geology and Prospective Provinces. AAPG European Newsletter 4:4-9.
47. Feldman, A. and Meiri, S. 2013. Length-mass allometry in snakes. Biological Journal of the Linnean Society, 108: 161-182.
48. Fishelson L, Delarea Y. 2013. Comparison of oral cavity architecture in surgeonfishes (Acanthuridae, Teleostei), with emphasis on the taste buds and jaw "retention plats". Environmental Biology of Fishes DOI: 10.1007/s10641-013-0139-1
49. Fishelson L, Hastings Pa, Baldwin C. 2012. Comparison of the Orpharyngeal cavity in the Starksiini (Labrisomidae, Teleostei): Taste buds and teeth, including a comparison with closely- related genera, Journal of Morphology 273:618-628.

50. Fishelson L, Hastings Pa, Baldwin Cc. 2013. Gonad morphology, gametogenesis and reproductive mode in fishes of the tribe Starksiini (Teleostei, Blenniiformes). Journal of Morphology 274:496-511.
51. Fishelson, L., Golani, D., Russell, B., Galil, B. and Goren, M. 2012. Melanization of the alimentary tract in Lizardfishes (Teleostei, Aulopiformes, Synodontidae). Environmental Biology of Fishes 95(2): 195-200.
52. Fishelson, L., Golani, D., Russell, B., Galil, B. and Goren, M. 2012. Comparative Morphology and cytology of the alimentary Tract in lizardfishes (Aulopiformes, Synodontidae, Teleostei). Acta Zoologica (Stockholm) 93(3): 308-318.
53. Freidberg, A. and Carles-Tolra, M. 2012. A new species of *Phlebosotera* Duda (Diptera: Asteiidae) from the Mediterranean, with comments on its biology and a key to *Phlebosotera* species. Studia dipterologica 17(1/2) 2010: 91-102.
54. Friedman, A. L.L., 2013. A new genus and species of Malvapiini (Coleoptera: Curculionioidea: Apionidae) from Papua New Guinea. Caucasian Entomological Bulletin 9(1): 130-136.
55. Gabay Y., Benayahu, Y. and Fine M. 2012. Does elevated  $p\text{CO}_2$  affect reef octocorals? Ecology & Evolution 3:465-473.
56. Galil, B.S. 2012. Truth and consequences: the bioinvasion of the Mediterranean Sea. Integrative Zoology 7: 299-311.
57. Galil, B.S. 2013. Going going gone: the loss of a reef building gastropod (Mollusca: Caenogastropoda: Vermetidae) in the southeast Mediterranean Sea. Zoology in the Middle East 59(2): 179-182.
58. Galil, B.S. 2013. The deep water box crab *Calappa karenae* (Crustacea: Decapoda: Brachyura): a new record from Melanesia. Marine Biodiversity Records 6, e76.
59. Galil, B.S., Genovesi, P., Ojaveer, H., Quílez-Badia, G. and Occhipinti, A. 2013. Mislabeled: Eco Labeling an invasive alien shellfish fishery. Biological Invasions DOI 10.1007/s10530-013-0460-9.
60. Galil, B.S., Mendelson, M. 2012. A record of *Matuta victor* (Fabricius, 1781) (Crustacea; Decapoda; Matutidae) from the Mediterranean coast of Israel. BioInvasions Records 2(1): 69-71.
61. Galil, BS, Ashelby C. and Clark PF. 2012. New records of four leucosiid species (Crustacea: Decapoda: Brachyura: Leucosiidae) from Qatar, Persian Gulf. Marine Biodiversity Records doi:10.1017/S1755267212000498; Vol. 5; e84.
62. Gavish-Regev, E., Hormiga, G., and Scharff N. 2013. Pedipalp Sclerite homologies and phylogenetic placement of the spider genus *Stemonyphantes* (Linyphiidae, Araneae) and its implications for linyphiid phylogeny. Invertebrate Systematics 27: 38-52.
63. Gerling, D and Blackburn B. 2013. Immature development of *Eretmocerus mundus* (Hymenoptera: Aphelinidae). Arthropod Structure & Development 42: 309-314
64. Goldberg, S. R. 2013. *Trapelus mutabilis* (Desert Agama). Reproduction. Herpetological Review 44: 149-150.

65. Goldberg, S.R. 2013. *Eirenis rothii* (Roth's dwarf racer). Reproduction. Herpetological Review 44(1) p. 153.
66. Goren, L. and Ben-Ami F. 2013. Ecological correlates between cladocerans and their endoparasites from permanent and rain pools: Patterns in community composition and diversity. Hydrobiologia 701:13-23.
67. Goren, M., Stern, N. and Galil, B.S. 2013. Bridging the gap: Mertens' prawn-goby *Vanderhorstia mertensi* Klausewitz, 1974 found in Israel. Biodiversity records 6: e63.
68. Guershon, M., and Ionescu-Hirsch, A. 2012. Updated list of *Xylocopa* (Hymenoptera: Apidae) from Israel with a key to the Israeli species. Israel Journal of Entomology 41 – 42: 145-163
69. Haag, K., E. Sheikh-Jabbari, F. Ben-Ami and Ebert, D. 2013. Microsatellite and single nucleotide polymorphisms indicate recurrent transitions to asexuality in a microsporidian parasite. Journal of Evolutionary Biology 26:1117-1128.
70. Haber, M., A. Gur, D. Blihoghe and Ilan M. 2013. Barnacle fouling in the Mediterranean sponges *Axinella polypoides* and *A. verrucosa*. Marine Ecology - An Evolutionary Perspective ??: 1-7.
71. Haber, M., S. Shefer, A. Giordano, P. Orlando, A. Gambacorta and Ilan M. 2013. *Fulvitalea 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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73. Haber, M., S. Shefer, A. Giordano, P. Orlando, A. Gambacorta and Ilan M. 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.
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75. Haverkort-Yeh, R. D. McFadden, C. S. Halász, A. Berumen, M. Benayahu, Y. and Toonen R. J. A taxonomic survey of Saudi Arabian Red Sea octocorals (Cnidaria: Alcyonacea). Marine Biodiversity 2013 DOI 10.1007/s12526-013-0157-4
76. Heiman, E.L., Holtzer, E., Mienis, H.K. and Singer, B.S., 2013. Shells of East Sinai, an illustrated list: Nassariidae. Triton, 27: 1-3.
77. Holzman, R., D.C. Collar, R.S. Mehta and Wainwright P.C. 2012. An integrative modeling approach to elucidate suction feeding performance. Journal of Experimental Biology 215, 1-13.

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80. Horwitz, L.K., Cohen, S.L., Więckowski, W., Mienis, H.K., Baker, J. and Jastrzebska, E., 2012 [2013]. Recent Indian porcupine (*Hystrix indica*) burrows and their impact on ancient faunal and human remains: a case study from Tel Zahara (Israel). Journal of Taphonomy, 10 (2): 85-112. [dated 2012 but published about 20 April 2013]
81. Hut R. H., S. Paolucci, R. Dor, C. P. Kyriacou, S. Daan. 2013. Latitudinal clines: an evolutionary view on biological rhythms. Proceedings of the Royal Society B. 280:1471-2954.
82. Ilany, A., Barocas, A., Kam, M., Ilany, T. and Geffen, E. 2013. The energy cost of singing in wild rock hyrax males: evidence for an index signal. Animal Behaviour, 85:995-1001.
83. Ilany, A., Barocas, A., Koren, L., Kam, M. and Geffen, E. 2013. Structural balance in the social networks of a wild mammal. Animal Behaviour, 85:1397–1405.
84. Karhan, S.Ü., Yokeş, M.B., Clark, P.F. and Galil, B.S. 2013. First Mediterranean record of *Actaea savignii* (H. Milne Edwards, 1834) (Crustacea: Decapoda: Brachyura: Xanthidae), an additional alien Erythraean crab. BioInvasions Records 2(2): 145-148.
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86. Korngreen D., Orlov-Labkovsky O., Bialik O. and Benjamini C. 2013. The Permo – Triassic transition in the Central Coastal Plain of Israel (North Arabian plate margin) - David 1 borehole. PALAIOS 28: 491-508
87. Kovac, D., Freidberg, A. and Steck, G. J. 2013. Biology and description of the third instar larva and puparium of *Ichneumonopsis burmensis* Hardy (Diptera: Tephritidae: Dacinae: Gastrozonini), a bamboo-breeding fruit fly from the oriental region. The Raffles Bulletin of Zoology 61(1): 117–132.
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31. Shabtay, A. Tikochinski, Y. Benayahu, Y. and Rilov G. Preliminary data on the population genetic structure of a highly successful invading oyster suggests its establishment dynamics in the Levant. Marine Biology Reserch.
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40. Zerova, M. D., L. Y. Seryogina, W. S. Kuslitzky, and Y. Argov. Two new species of genus *Adontomerus* Nikolskaya (Hymenoptera, Torymidae) from Israel. Russian Entomological Journal.

## **Chapters in books**

1. Galil B.S. and Goren M. 2013 Metamorphoses: Bioinvasions in the Mediterranean Sea. *In:* Goffred S. and Dubinsky Z.(Eds), The Mediterranean Sea: Its History and Present Challenges. Springer Verlag publishing house.
2. Goren, M. 2013. The fishes of the Mediterranean - a biota under siege. *In:* Goffred S. and Dubinsky Z.(Eds), The Mediterranean Sea: Its History and Present Challenges. Springer Verlag publishing house.

3. Hershkovitz, I. 2012. Detection and Molecular Characterization of 9000-year-old *Mycobacterium tuberculosis* from a Neolithic settlement in the Eastern Mediterranean. *Tuberculosis Evolution "ICEP-2" Past and Present of Tuberculosis*, Szeged, Hungary 2012:298-299.
4. Mienis, H.K., 2012. Malacological remains. In V.W. Avrutis [E.C.M. van den Brink (Ed.)]: Late Chalcolithic and Early Bronze Age I remains at Neshor-Ramla Quarry: 251-254. The Zinman Institute of Archaeology, University of Haifa.
5. Mienis, H.K., 2012. Shells from Areas B and D. In D. Ben-Shlomo (Ed.): *The Azor Cemetery Moshe Dothan's Excavations, 1958 and 1960. Israel Antiquities Authority Reports*, 50: 199-202.
6. Safi, K., Meiri, S. and Jones, K.E. 2013. Body mass evolution in bats. Pages 95-115 in: Body Size: linking pattern and process across space, time and taxonomic group (eds. F. A. Smith and S. K. Lyons). University of Chicago Press, Chicago.

### **Accepted for publication**

1. Geffen, E. and Peters, G. 2013. *Vulpes cana*. In *The Mammals of Africa*, Vol. 4, Kingdon J, Butynski T. (eds.). Academic Press, New York.
2. Hawlena, H. and Ben-Ami, F. 2013. 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.
3. Yegorenkova, E.N. and Yefremova, Z.A. Order Hymenoptera, Family Eulophidae (United Arab Emirates). Vol.VI. Arthropoda of the UAE.

### **Books**

1. Eppelbaum, L.V. and Katz, Y.I., 2012. Mineral deposits in Israel: A contemporary view, In: (Eds. Ya'ari, A. and Zahavi, E.D.) *Israel: Social, Economic and Political Developments*, Nova Science Publishers, N.Y., USA, 1-41.
2. Yom-Tov, Y. 2012. *Biology of terrestrial vertebrates in a Israeli perspective: Introduction*. The Open University Press, Ra'anana, Israel. In Hebrew 194p.

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

- 2012 Ecological traits and environmental affinity explain Red Sea fish introduction into the Mediterranean. The fourth International Congress of Zoology (Haifa, Israel). (Belmaker J, Parravicini V. and Kulbicki M.).
- 2012 Regional pools and environmental controls of local vertebrate assemblages. The US – International Association for Landscape Ecology (Newport, RI). (Belmaker J and Jetz W.)
- 2012 A Royal Persian Garden Comes Alive: Pollen Analysis from Ramat Rahel Annual Meeting of the American Schools of Oriental Research (ASOR), Chicago, USA, November 2012 (D. Langgut Y. Gadot and O. Lipschits).

- 2012 New Evidence on the Collapse of the Egypto-Canaanite system in the Levant at the end of the Late Bronze Age and on the Recovery in the Iron I. Winter Academy international Conference - Analyzing Collapse: Destruction, Abandonment and Memory, Jerusalem, Israel, December 2012 (D. Langgut and I. Finkelstein).
- 2012 The Royal Persian Garden and the Answer to the ‘Riddle of Ramat Rahel. Society of Biblical Literature (SBL) Annual Meeting, Chicago, USA, November 2012 (D. Langgut O. Lipschits and Y. Gadot).
- 2012 Active vs. Passive Learning, Edulearn11: International Association of Technology, Education and Developmen, Barcelona Spain (H. May).
- 2012 Clonal diversity as a means to evade parasites in a freshwater snail? 1<sup>st</sup> Joint Congress on Evolutionary Biology, Ottawa, Canada (Ben-Ami, F.).
- 2012 Detection and Molecular Characterization of 9000-year-old *Mycobacterium tuberculosis* from a Neolithic settlement in the Eastern Mediterranean. Tuberculosis Evolution “ICEP-2” Past and Present of Tuberculosis, Szeged, Hungary (Hershkovitz, I.).
- 2012 Entomological society of Israel – annual meeting, The Hebrew University of Jerusalem, Rehovot, Israel (Scharf, I.).
- 2012 German Society of Zoology – annual meeting, University of Konstanz, Germany (Scharf, I.).
- 2012 Hyperostosis Frontalis Interna: Between Two Centuries, Israel Radiological Association Annual Meeting Elat, Israel (H. May).
- 2012 Late Pleistocene and Holocene beach deposits and archaeological features on Cyprus and Israeli coasts, markers of sea levels and vertical earth movements. In A. Rovere, S. Furlani, J. Benjamin, A. Fontana, M. Anzidei and F. Antonioli (Eds.): MEDFLOOD first meeting, abstract booklet: 13-14. Istituto Nazionale di Geofisica e Vulcanologia, Roma. (Galili, E., Sevketoglu, M., Salamon, A., Zviely, D., Mienis, H.K., Rosen, B. and Moshkovitz, S.)
- 2012 New record of parasitoids (Hymenoptera: Braconidae, Eulophidae) of the pest moth *Phyllonorycter quercifoliella* (Lepidoptera, Gracillariidae) on *Quercus ithaburensis* in Israel. The 32 Meeting of the Entomological Society of Israel. (Z. Yefremova, W. Kuslitzky and V. Kravchenko).
- 2012 Organized a symposium on reptile biogeography and delivered a talk in the 7th World Congress of Herpetology, Vancouver, British Columbia (Meiri, S.).
- 2012 Past Populations Predicting the Future of Human Health: the Case of Hyperostosis Frontalis Interna, The 19th European meeting of the Paleopathology association, Lille France (H. May).
- 2012 The 49th Annual Meeting of the Zoological Society of Israel, Beer Sheva, Israel (Meiri, S.).
- 2012 The diversity, evolution and mechanisms controlling activity patterns. An international workshop, Ein-Gedi, Israel (Dor R.).

- 2012 The fishery, the catch and the management – The status of the marine biota along the Israeli Mediterranean coast. Jerusalem Environment and Nature Conference. December, 5, Jerusalem (Goren, M.)
- 2012 What makes a successful invasion? Case study of the Indo-Pacific threadfin bream, *Nemipterus randalli*, Russel 1987 in the Eastern Mediterranean. The XIV European Congress of Ichthyology (ECI XIV). Liège, July, 3 –8, Belgium (Stern N., Goren M., Yokeş B.M., Galil S.B., Diamant A.).
- 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 and 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 Ascidians of the Red Sea: an overlooked hotspot of biodiversity The 7<sup>th</sup> Tunicata Meeting, Naples, Italy. (Shenkar, N.).
- 2013 Climate changes during the Bronze and Iron Ages in the Southern Levantine Region. Society of Biblical Literature (SBL) 2013 Annual Meeting, Baltimore, USA, November 2013 (D. Langgut).
- 2013 Early detection of sessile invertebrates in the Eastern Mediterranean The 8<sup>th</sup> International Conference on Marine Bioinvasions, Vancouver, Canada (Shenkar, N.).
- 2013 Geoarchaeological Investigations at Megiddo and in the Negev Highlands. New Discoveries and Innovations, summer 2013: Excavations of the Sonia and Marco Nadler Institute of Archaeology, Tel Aviv University, Tel Aviv, Israel, October 2013 (D. Langgut I. Finkelstein, R. Shachk-Gross and Z. Danset).
- 2013 Paleoenvironmental conditions during the Bronze and Iron Ages (~5,000-2,500 YBP) in Lake Kinneret area, based on pollen analysis. The Annual Conference of the Israel Geological Society, Akko, Israel, May 2013 (D. Langgut I. Finkelstein, M. Stein, V. Klinger and T. Litt).
- 2013 The eastern Mediterranean: new biota –new food web. Mediterranean Marine Biodiversity in view of climatic change and the invasion of alien species conference (MARBIGEN). Heraklion, Crete, Greece, from 7<sup>th</sup> – 9<sup>th</sup> October 2013 (Goren, M., Galil B.S., Diamant A.).
- 2013 The Late Bronze Age Collapse: Paleoenvironmental, Archaeological and Textual Evidence. Annual Meeting of the American Schools of Oriental Research (ASOR), Baltimore, USA, November 2013 (D. Langgut and I. Finkelstein).
- 2013 Utilization of the DNA barcoding tool for fish species from the Levantine basin. Mediterranean Marine Biodiversity in view of climatic change and the invasion of alien species conference (MARBIGEN). Heraklion, Crete, Greece, from 7<sup>th</sup> –

- 9th October 2013 (Karahan A., Douek J., Paz G., Stern N., Kideys A., Shaish L., Goren M., Rinkevich B.).
- 2013 8th symposium on the lacertids of the Mediterranean basin, Koper, Slovenia (Meiri, S.)
- 2013 Alien invasive serpulids in the Levant Mediterranean – an update. Program and Abstract Book 11th International Polychaete Conference, Sydney, Australia, 4-9 August 2013: 53 (Ben-Eliahu, M.N., Chipman, A., ten Hove, H.A., Mienis, H.K. and Rilov, G.)
- 2013 ASWA, Arhcaezoology of Southwest Asia, Haifa: Paper presented: Mollusc shell research at Çatalhöyük (D.E. Bar-Yosef Mayer).
- 2013 British Ecological Society Macroecology meeting, Sheffield University, Sheffield, UK. (Meiri, S.).
- 2013 German Society of Zoology – annual meeting, University of Munich, Germany (Scharf, I.).
- 2013 Indigenous and introduced gastropods, and their trematodes: Implications for biodiversity. World Congress of Malacology, Azores, Portugal (Ben-Ami, F.).
- 2013 Israel Geological Society, Annual meeting, Acco, Israel. Paper presented: Neolithic voyages to Cyprus: Possible routes and mechanisms (D.E. Bar-Yosef Mayer).
- 2013 Life history reconstruction from skeletal remains. European Society for Paediatric Endocrinology, Acco/Haifa, Israel (Hershkovitz, I.).
- 2013 New record of parasitoids (Hymenoptera: Braconidae, Eulophidae) of the moth *Phyllonorycter quercifoliella* (Lepidoptera: Gracillariidae) on *Quercus ithaburensis* in Israel. Poster. The conference of the Entomological Society of Israel (Yfremova, Z., W. Kuslitzky and V. Kravchenko).
- 2013 Querying oceanic acidification at the P-Tr transition on the Levant margin sector of the northwestern Gondwanan plate. World summit on p-tr mass extinction & extreme climate change, Wuhan, China (Korngreen D., Bialik O., Orlov-Labkovsky O. and Benjamini C.).
- 2013 Society for American Archaeology, Honolulu, HI. Paper presented: Mud beads: chronology, distribution, composition and symbolism (D.E. Bar-Yosef Mayer).
- 2013 Society for American Archaeology, Honolulu, HI. Symposium co-organizer: Not just for show: The archaeology of beads, beadwork, and personal ornaments (D.E. Bar-Yosef Mayer).
- 2102 Multiannual trends in fishery catch along the Mediterranean coast of Israel. The 49<sup>th</sup> Conference of the Zoological Society of Israel, Tel Aviv University. 9 December 2012 (Wisman, I., Meiri S. Goren, M.).