

## 2007

1. **Ainsworth, T.D., Kramarsky-Winter, E., Loya, Y., Hoegh-Guldberg, O. & M. Fine.**  
Coral disease diagnostics: What's between a plague and a band? [Appl. Environ. Micro]; 2007; 73(981-992).
2. **Ainsworth, T.D., Kvennefors, E.C., Blackall, L.L., Fine, M. & O. Hoegh-Guldberg.**  
Disease and cell death in white syndrome of Acroporid corals on the Great Barrier Reef. [Mar. Biol.]; 2007; 151(19-29).
3. **Alvers, C., Darmaillacq, A.S., Shashar, N. & L. Dickel.**  
Field and laboratory observations of *Sepia elongate* (*Doratoseption*), *d'Orbigny, 1845*. [Veliger]; 2007; 48(313-316).
4. **Amar, K.O. & R. Rinkevich.**  
A floating mid-water coral nursery as larval dispersion hub: testing an idea. [Mar. Biol.]; 2007; 151(713-718).
5. **Amar, K.O., Chadwick, N.E. & B. Rinkevich.**  
Coral planulae as dispersion vehicles: biological properties of larvae released early and late in the season. [Mar. Ecol. Prog. Ser.]; 2007; 350(71-78).
6. **Bachar, A., Achituv, Y., Pasternak, Z. & Z. Dubinsky.**  
Autotrophy versus heterotrophy: The origin of carbon determines its fate in a symbiotic sea anemone. [J. Exp. Mar. Biol. Ecol.]; 2007; 349(295-298).
7. **Bardavid, R.E., Ionescu, D., Oren, A., Rainey, F.A., Hollen, B.J., Bagaley, D.R., Small, A.M. & C. McKay.**  
Selective enrichment, isolation and molecular detection of *Salinibacter* and related extremely halophilic *Bacteria* from hypersaline environments. [Hydrobiologia]; 2007; 576(3-13).
8. **Barneah, O., Ben-Dov, E., Kramarsky-Winter, E. & A. Kushmaro.**  
Characterization of black band disease in Red Sea stony corals. [Environ. Micro]; 2007; 9(1995-2006).
9. **Barneah, O., Brickner, I., Hooge, M., Weis, V.M., LaJeunesse, T.C. & Y. Benayahu.**  
Three party symbiosis: acoelomorph worms, corals and unicellular algal symbionts in Eilat (Red Sea). [Mar. Biol.]; 2007; 151(1215-1223).
10. **Barneah, O., Brickner, I., Hooge, M., Weis, V.M. & Y. Benayahu.**  
First evidence of maternal transmission of algal endosymbionts at an oocyte stage in a triploblastic host, with observations on reproduction in *Waminoa brickneri* (Acoelomorpha). [Invert. Biol.]; 2007; 126(113-119).
11. **Belmaker, J., Ben-Moshe, N., Ziv, Y & N. Shashar.**  
Determinants of the steep species-area relationship of coral reef fishes. [Coral Reefs]; 2007; 26(103-112).
12. **Belmaker, J., Polak, O., Shashar, N. & Y. Ziv**  
Geographic divergence in the relationship between *Paragobiodon echinocephalus* and its obligate coral host. [J. Fish Biol.]; 2007; 71(1555-1561).
13. **Ben-Tzvi, O., Abelson, A., Gaines, S.D., Sheehy, M.S., Paradis, G.L. & M. Kiflawi.**

The inclusion of sub-detection limit LA-ICPMS data, in the analysis of otolith microchemistry, by use of a palindrome sequence analysis (PaSA). [Limnol. Oceanogr. Methods]; 2007; 5(97-105).

14. **Ben-Tzvi, O., Kiflawi, M., Gildor, H. & A. Abelson**  
Possible effects of downwelling on the recruitment of coral reef fishes to the Eilat (Red Sea) coral reefs. [Limnol. Oceanogr.]; 2007; 52(2618-2628).
15. **Brokovich, E., Einbinder, S., Kark, S., Shashar, N. & M. Kiflawi.**  
A deep nursery for juveniles of the zebra angelfish. [Environ. Biol. Fish.]; 2007; 80(1-6).
16. **Castruita, M., Elmegreen, L.A., Shaked, Y., Stiefel, E.I. & F.M.M. Morel.**  
Comparison of the kinetics of iron release from a marine (*Trichodesmium erythraeum*) Dps protein and mammalian ferritin in the presence and absence of ligands. [J. Inor. Bio.]; 2007; 101(1686-1691).
17. **Chen, Y., Mills, S., Street, J., Golan, D., Post, A.J., Jacobson, M. & A. Paytan**  
Estimates of atmospheric dry deposition and associated input of nutrients to Gulf of Aqaba seawater. [J. Geophys. Res. Atmospheres]; 2007; 112(D4309).
18. **Diamant, A., Lipshitz, A. & M. Ucko.**  
Phylogeny of *Coccomyxa* (Myxosporea: Myxidiidae) spp. from littoral fish in Eilat, northern Red Sea, with the description of a new species. [Folia Parasitologica]; 2007; 54(109-116).
19. **Efrony, R., Loya, Y., Bacharach, E. & E. Rosenberg.**  
Phage therapy of coral disease. [Coral Reefs]; 2007; 26(7-13).
20. **Field, S.N., Glassom, D. & J. Blythell.**  
Effects of artificial settlement plate materials and methods of deployment on the sessile epibenthic community development in a tropical environment. [Coral Reefs]; 2007; 26(279-289).
21. **Fine, M. & D. Tchernov.**  
Scleractinian coral species survive and recover from decalcification. [Science]; 2007; 315(1811).
22. **Fine, M. & D. Tchernov.**  
Response to "Scleractinian coral species survive and recover from decalcification". [Science]; 2007; 317(1032-1033).
23. **Fine, M. & L. Franklin.**  
Climate change in marine ecosystems. [In: Marine Ecosystems, Connell S. & B. Gillanders; Oxford University Press, New York]
24. **Gagnon, Y.L., Shashar, N., Warrant, E.J. & S.J. Johnsen**  
Light scattering by selected zooplankton from the Gulf of Aqaba. [J. Exp. Biol.]; 2007; 210(3728-3735).
25. **Garczarek, L., Dufresne, A., Rousvoal, S., West, N.J., Mazard, S., Marie, D., Claustre, H., Raimbault, P., Post, A.F., Scanlan, D.J. & F. Partensky.**  
High vertical and low horizontal diversity of *Prochlorococcus* ecotypes in the Mediterranean Sea in summer. [FEMS Microbiol. Ecol.]; 2007; 60(189-206).
26. **Gektidis, M., Dubinsky, Z. & S. Goffredo.**  
Microendoliths of the shallow euphotic zone in open and shaded habitats at 30° degree N - Eilat, Israel - paleocological implications. [Facies]; 2007; 53(43-55).
27. **Golani, D. & A. Lerner.**

A long-term study of the sandy shore ichthyofauna in the northern Red Sea (Gulf of Aqaba) with reference to adjacent mariculture activity. [The Raffles Bulletin of Zoology]; 2007; 14(255-265).

28. **Golani, D., Reef-Motro, R., Ekshtein, S., Baranes, A & A. Diamant.**  
Ichthyofauna of the rocky coastal littoral of the Israeli Mediterranean, with reference to the paucity of Red Sea (Lessepsian) migrants in this habitat. [Mar. Biol. Res.]; 2007; 3(333-341).
29. **Guzner, B., Novoplansky, A. & N.E. Chadwick.**  
Population dynamics of the reef-building coral *Acropora hemprichii* as an indicator of reef condition. [Mar. Ecol. Prog. Ser.]; 2007; 133(143-150).
30. **Hizi-Degany, N., Meroz-Fine, E., Shefer, S. & M. Ilan.**  
Tale of two colors: *Cladopsammia gracilis* (Dendrophyllidae) color morphs distinguished also by their genetics and ecology. [Mar. Biol.]; 2007; 151(2195-2206).
31. **Holzman, R., Ohavia, M., Vaknin, R. & A. Genin.**  
Abundance and distribution of nocturnal fishes over a coral reef during the night. [Mar. Ecol. Prog. Ser.]; 2007; 342(205-215).
32. **Ionescu, D., Lipski, A., Altendorf, K. & A. Oren.**  
Characterization of the endoevaporitic microbial communities in a hypersaline gypsum crust by fatty acid analysis. [Hydrobiologia]; 2007; 576(15-26).
33. **Karpestam, B., Gustafsson, J., Shashar, N., Katzir, G. & R.H.H. Kroger.**  
Multifocal lenses in coral reef fishes. [J. Exp. Biol.]; 2007; 210(2923-2931).
34. **Kiflawi, M., Belmaker, J., Brokovich, E., Einbinder, S. & R. Holzman.**  
Species diversity can drive speciation: Comment. [Ecology]; 2007; 88(2132-2135).
35. **Kooperman, N., Ben-Dov., E., Kramarsky-Winter, E., Barak, Z. & A. Kushmaro.**  
Coral mucus-associated bacterial communities from natural and aquarium environments. [FEMS Microbiol. Letts.]; 2007; 276(106-113).
36. **Kuguru, B., Winters, G., Beer, S., Santos, S.R. & N.E. Chadwick.**  
Adaptation strategies of the corallimorpharian *Rhodactis rhodostoma* to irradiance and temperature. [Mar. Biol.]; 2007; 151(1287-1298).
37. **Loya, Y.**  
How to influence environmental decision makers? The case of Eilat (Red Sea) coral reefs. [J. Exp. Mar. Biol. Ecol.]; 2007; 344(35-53).
38. **Mackey, K.R.M., Labiosa, R.G., Calhoun, M., Street, J.H., Post, A.H. & A. Paytan.**  
Phosphorus availability, phytoplankton community dynamics, and taxon-specific phosphorus status in the Gulf of Aqaba, Red Sea. [Limnol. Oceanogr.]; 2007; 52(873-885).
39. **Magnusson, S.H., Fine, M. & M. Kuhl.**  
Light microclimate of endolithic phototrophs in the scleractinian corals *Montipora monasteriata* and *Porites cylindrical*. [Mar. Ecol. Prog. Ser.]; 2007; 332(119-128).
40. **Marco, S.**  
Temporal variation in the geometry of a strike-slip fault zone: examples from the Dead Sea Transform. [Tectonophysics]; 2007; 445(186-199).
41. **Mass, T., Einbinder, S., Brokovich, E., Shashar, N., Vago, R., Erez, J. & Z. Dubinsky.**  
Photoacclimation of *Stylophora pistillata* to light extremes: metabolism and calcification. [Mar. Ecol. Prog. Ser.]; 2007; 334(93-102).

42. **Pasternak, Z. & Y. Achituv.**  
Feeding behavior of shallow-water barnacles from the Mediterranean and Red Seas. [J. Crust. Biol.]; 2007; 27(543-547).
43. **Pasternak Z., Diamant A. & A. Abelson.**  
Co-invasion of a Red Sea fish and its ectoparasitic monogenean *Polylabris* cf. *mamaevi* into the Mediterranean: oncomiracidium behavior and parasite abundance. [Parasitology Res.] 2007; 100(721-727).
44. **Perkol-Finkel, S. & Y. Benayahu.**  
Differential recruitment of benthic communities on neighboring artificial and natural reefs. [J. Exp. Mar. Biol. Ecol.]; 2007; 340(25-39).
45. **Portman, M.E.**  
Zoning design for cross-border marine protected areas: The Red Sea Marine Peace Park case study. [Ocean Coast. Manage.]; 2007; 50(499-522).
46. **Rinkevich. B.**  
Separating the wheat from the chaff: The interplay of science and environmental management decision through a critical examination of the literature. [J. Exp. Mar. Biol. Ecol.]; 2007; 344(229-237).
47. **Rotem, N., Sestieri, E., Cohen, D., Paulin, M., Meiri, H. & Y. Yarom.**  
The functional architecture of the shark's dorsal-octavolateral nucleus: an *in vitro* study. [J. Exp. Biol.]; 2007; 210(2730-2742).
48. **Sabbah, S. & N. Shashar.**  
Light under water polarization near sunrise, [J. Opt. Soc. Am. A.]; 2007; 24(2049-2056).
49. **Shaish, L., Abelson, A. & B. Rinkevich.**  
How plastic can phenotypic plasticity be? The branching coral *Stylophora pistillata* as a model system. [PLoS One]; 2007; 2(7): e644.
50. **Siboni, N., Lidor, M., Kramarsky-Winter, E. & A. Kushmaro.**  
Conditioning film and initial biofilm formation on ceramics tiles in the marine environment. [FEMS Microbiol. Letts.]; 2007; 274(24-29).
51. **Silverman, J., Lazar, B. & J. Erez.**  
Effect of aragonite saturation, temperature, and nutrients on the community calcification rate of a coral reef. [J. Geophys. Res.]; 2007; 112(C05004).
52. **Silverman, J., Lazar, B. & J. Erez.**  
Community metabolism of a coral reef exposed to naturally varying dissolved inorganic nutrient loads. [Biogeochem.]; 2007; 84(67-82).
53. **Simon-Blecher, N., Huchon, D. & Y. Achituv.**  
Phylogeny of coral-inhabiting barnacles (Cirripedia: Thoracica; Pygomatidae) based on 12S, 16S and 18S rDNA analysis. [Mol. Phylo. Evol.]; 2007; 44(1333-1341).
54. **Stambler, N. & N. Shashar.**  
Variation in spectral reflectance of the hermatypic corals *Stylophora pistillata* and *Pocillopora damicornis*. [J. Exp. Mar. Biol. Ecol.]; 2007; 351(143-149).
55. **Stambler, N. & Z. Dubinsky.**

[In: Algae and Cyanobacteria in Extreme Environments: Cellular Origin, Life in Extreme Habitats and A; J. Seckbach (Ed.); Springer; 2007]. pp. 79-97.

56. **Xu, Y., Tang, D., Shaked, Y. & F.M.M. Morel.**  
Zinc, cadmium, and cobalt interreplacement and relative use efficiencies in the coccolithophore *Emiliana huxleyi*. [Limnol. Oceanogr.]; 2007; 52(2294-2305).
57. **Yarden, O., Ainsworth, T.D., Roff, G., Leggat, W., Fine, M. & O. Hoegh-Guldberg.**  
Increased prevalence of ubiquitous ascomycetes in an acropoid coral (*Acropora formosa*) exhibiting symptoms of brown band syndrome and skeletal eroding band disease. [Appl. Environ. Microbiol.]; 2007; 78(2755-2757).
58. **Zeevi Ben-Yosef, D., Kashman, Y. & Y. Benayahu**  
Response of the soft coral *Heteroxenia fuscescens* to UVR regimes as reflected by MAA biosynthesis. [Mar. Biol.]; 2007; 27(219-228).
59. **Zundelevich, A., Lazar, B. & M. Ilan.**  
Chemical versus mechanical bioerosion of coral reefs by boring sponges – lessons from *Pione cf. vastifica*. [J. Exp. Biol.]; 2007; 210(91-96).