

Razy Hoffman Curriculum Vitae and List of Publications

Personal Data

Identity Number: 022401061

Place of Birth: Tel-Aviv, Israel

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Educational Background

01.10.1995 B.Sc. in Life Sciences, Tel-Aviv University, Tel-Aviv.

27.12.95 Teaching license, in the Kibbutzim teacher's seminar, Tel-Aviv.

29.09.2004 M.Sc. in Plant Sciences, Tel-Aviv University, Tel-Aviv.

1.5.2012 Ph.D. in Life Sciences, Bar-Ilan University, Ramat-Gan.

List of Publications

M.Sc. Thesis

Hoffman, R. Intertidal vegetation at Mikhmoret coast in comparison with the vegetation which hosted the place 40 years ago. 2004. M.Sc. thesis, Dept. of Plant Sciences, Tel-Aviv University, Tel-Aviv, Israel, 87 pp. (Published as PDF file in the algaebase site:
http://www.algaebase.org/search/bibliography/detail/?biblio_id=41754).

Ph.D. Thesis

Hoffman, R. The effects of Nutrient and Heavy Metal on the Intertidal Algae Along Israeli Mediterranean Sea. Ph.D. thesis by publication (This article thesis is a collection of eight research articles). Dept. of Life Sciences, Bar-Ilan University, Ramat-Gan, Israel, 188pp.

Published and in press papers

Hoffman, R., Dubinsky, Z., Israel, A. and Iluz, D. 2007. A new Lessepsian macroalga, *Galaxaura rugosa*, Gain control on underwater rocks in the western edges of Haifa bay infralittoral zone. *Israel Journal of Ecology and Evolution*. 53: 208-209

- Hoffman, R.**, Israel, A., Lipkin, Y., Dubinsky, Z. and Iluz, D. 2008. First record of two seaweeds from the Israeli Mediterranean *Galaxaura rugosa* (J Ellis & Solander) J.V. Lamouroux (Rhodophyta) and *Codium adhaerens* C. Agardh (Chlorophyta). *Israel Journal of Plant Sciences*. 56: 123-126
- Hoffman, R.**, Dubinsky, Z., Israel, A. and Iluz, D. 2008. The mysterious disappearance of *Halimeda Tuna* from the Intertidal zone along the Israeli Mediterranean. *Israel Journal of Ecology and Evolution*. 54: 267-268
- Iluz, D., Vago, R., Chadwick, N.E., **Hoffman, R.** and Dubinsky, Z. 2008. Seychelles lagoon provides corals with a refuge from bleaching. *Research Letters in Ecology*. Article ID 281038, 4 pages. DOI:10.1155/2008/281038
- Hoffman, R.** and Dubinsky, Z. 2010. Invasive and Alien Rhodophyta in the Mediterranean and along the Israeli shores, **In:** Seckbach, J. and Chapman, D.J. (eds.). *Red Algae in Genome Age. Cellular origin, life in extreme habitats and astrobiology*. Vol.13. Springer Publishers, Netherlands. pp. 47-60
- Pinchasov-Grinblat, Y., **Hoffman, R.** And Dubinsky, Z. 2011. The effect of photoacclimation on photosynthetic energy storage efficiency, determined by photoacoustics. *Open journal of marine science*. 1: 43-49
- Hoffman, R.**, Shemesh, E., Ramot, M., Dubinsky, Z., Pinchasov-Grinblat, Y. and Iluz, D. 2011. First record of *Codium arabicum* Küt (Bryopsidales, Chlorophyta) in the Mediterranean Sea. *Botanica Marina*. 54: 487-495
- Hoffman, R.** Alien benthic algae and seagrasses in the Mediterranean Sea and their connection to global warming. **In:** Goffredo, S., Baader, H. and Dubinsky, Z. (eds.). *The Mediterranean Sea: Its History and Present Challenges*. Springer Publishers, Netherlands. (in press)

Papers under review or submitted

- Hoffman, R.**, Iluz, D., Kamenir, Y. Dubinsky, Z. and Israel, A. Pollution effects on benthic intertidal algal diversity, along the Israeli Mediterranean. (under review in *Marine pollution bulletin*)
- Hoffman, R.**, Israel, A., Kamenir, Y. Dubinsky, Z. and Iluz, D. The red seaweed *Hypnea musciformis* as a biomonitor of heavy metals (Cu, Pb, Cd, Mn, Ba, and Ni) along the Israeli Mediterranean (under review in *Environmental Monitoring and Assessment*)
- Hoffman, R.**, Israel, A., Kamenir, Y. Dubinsky, Z. and Iluz, D. *Palisada perforata* (Rhodomelaceae, Rhodophyta), as a bioindicator of the seawater quality along the Mediterranean Israeli shore. (under review in the *Journal of Applied Phycology*)
- Pinchasov-Grinblat, Y., **Hoffman, R.**, Goffredo, S., Falini, G. and Dubinsky, Z. The effect of nutrient enrichment on three species of macroalgae as determined by photoacoustics. (under review in *Limnology and Oceanography: Methods*)

Papers in preparation

Hoffman, R. and Lipkin, Y. Long term changes of intertidal vegetation at Mikhmoret, Israeli Mediterranean (In preparation)

Oral presentation in Conferences with abstracts published in supplements and books of abstracts

Razy Hoffman, Alvaro Israel, Yury Kamenir, Zvy Dubinsky, and David Iluz. Pollution effects on the benthic intertidal algal flora along the Israeli Mediterranean shores. Oral presentation at The Israeli association of aquatic sciences eighth annual conference. Abstract published in the eighth conference's book of abstracts. P. 38.

http://d-web.co.il/new_system/back_office/site_edit/Editor/assets/dwebco_pr8/110405%20IAAS%20abstract%20book%202011.pdf

Razy Hoffman, Alvaro Israel, Yury Kamenir, Zvy Dubinsky, and David Iluz. Pollution effects on the benthic intertidal algal flora along the Israeli Mediterranean shores. Oral presentation at The 39th annual conference of the Israel society of ecology and environmental sciences.

Posters presentation in Conferences with abstracts published in supplements and books of abstracts

Razy Hoffman, Zvy Dubinsky and David Iluz. (2011). Four alien seaweeds species from Indo-Pacific origin (including two new records for the Mediterranean) threatening the local algal flora at the Haifa-Bay in Israel. Poster presented at the 18th symposium on cryptogamic botany in Barcelona, Spain. Abstract published in the conference book of abstracts. p. 61.

http://www.ub.edu/sbcn2011/docs/abstracts_book_sbcn2011.pdf

Razy Hoffman, Zvy Dubinsky, Alvaro Israel and David Iluz. (2009). A new red Lessepsian macroalga, *Galaxaura rugosa* overtakes the infralittoral zone at the western edges of Haifa Bay (Northern Israeli Mediterranean). Poster presented at the CERF 20th Biennial Conference in Portland, Oregon (USA).

Razy Hoffman, Zvy Dubinsky, Alvaro Israel and David Iluz. (2008). The mysterious disappearance of *Halimeda tuna* from the Intertidal zone along the Israeli Mediterranean. Poster presented at the Israeli association of aquatic sciences fifth annual conference. Abstract published in the fifth conference's book of abstracts. pp. 40-41 (pp. 7-8 in the book of abstracts PDF file).

Razy Hoffman, Zvy Dubinsky, Alvaro Israel and David Iluz (2007). A new Lessepsian macroalga, *Galaxaura rugosa*, Gain control on underwater rocks in the western edges of Haifa bay infralittoral zone. Poster presented at the Israeli association of aquatic sciences fourth annual conference. Abstract published in the conference fourth book of abstracts pp. 14-15 (in Hebrew). {Cited by: Galil, B. 2007. Seeing Red: Alien species along the Mediterranean coast of Israel. Aquatic Invasions 2(4): 281-312}.

http://dweb.co.il/new_system/back_office/site_edit/Editor/assets/dwebco_pr8/booklet2007.pdf

Razy Hoffman, Zvy Dubinsky, Alvaro Israel and David Iluz (2006). The effects of Nutrients and Heavy metals on the intertidal macroalgal vegetation, along Israel's Mediterranean shores. Poster presented at the Israeli association of aquatic sciences third annual conference. Abstract published in the conference third book of abstracts. pp. 30-31 (in Hebrew).