

HANNA RAPUANO
nosponge@yahoo.com

EDUCATION

- 2018- **Ph.D. student** | School of Zoology | Faculty of Life Science | Tel Aviv University
- 2013-2016 **M.Sc. in Ecology and Environmental Studies** | School of Zoology | Faculty of Life Science | Tel Aviv University
Thesis: "Reproductive strategies of the coral *Turbinaria reniformis* in the northern Gulf of Eilat". Advisor: Prof. Yossi Loya
- 2011-2013 **B.Sc. in Marine sciences** | Ruppin Academic Center | Mikhmoret (Emek Hefer)
Research Project: Microbial Metabolism and the Nitrogen Cycle in the Levant Basin under Sediment Resuspension. Advisors: Prof. Gitai Yahel and Dr. Sharon Avrahami

EMPLOYMENT AND EXPERIENCE

- 2018 **Lab Technician** at Micha Ilan's lab | School of Zoology | Tel Aviv University
Primary responsibilities included research dives and cruises, organizing and logging sponge collection inventory, processing and drying of sponge samples, general upkeep of lab equipment and chemical waste management.
- 2017 Participated in surveys for the National Mediterranean Sea monitoring program (Israel Nature and Parks Authority). Surveys were conducted on the benthic community along the Israeli coast of the Mediterranean.
- 2016 - 2018 **Research assistant** at Yossi Loya's lab | School of Zoology | Tel Aviv University
Tasks included preparation of histological samples, coral tissue dissections, biochemical analysis of coral tissue samples, assisting graduate students with research dives and field work, aquaria maintenance, and general upkeep of lab equipment and materials.
- 2016 **Undergraduate student advising** - independent research projects under my mentorship (summer and fall semesters).

PUBLICATIONS

Hanna Rapuano, Itzhak Brickner, Tom Shlesinger, Efrat Meroz-Fine, Raz Tamir, Yossi Loya, Reproductive strategies of the coral *Turbinaria reniformis* in the northern Gulf of Aqaba (Red Sea). *Sci. Rep.* 7, 42670; doi: 10.1038/srep42670 (2017).

Shlesinger, Tom, Mila Grinblat, **Hanna Rapuano**, Tal Amit, and Yossi Loya. "Can mesophotic reefs replenish shallow reefs? Reduced coral reproductive performance casts a doubt." *Ecology* 99, no. 2 (2018): 421-437.

Baird, Andrew H., Alasdair J. Edwards, James R. Guest, Saki Harii, Masayuki Hatta, Liam Lachs, Hanaka Mera et al. "A coral spawning calendar for Sesoko Station, Okinawa, Japan." *Galaxea, Journal of Coral Reef Studies* (2021): G2021_S100.

ORAL PRESENTATIONS AND POSTERS

The 13th annual conference of the Israeli Association of Aquatic Sciences, 27 October 2016, Herzeliya, Israel-oral presentation

The Israeli Association of Aquatic Sciences virtual conference, 23 February 2021 -poster

The 49th Convention for Science and Environment (online), 7 July 2021, Israel, oral presentation

GRANTS

- PADI Foundation Grant (9000\$)
- Fellowship for doctoral students who are not residents of Eilat or Arava doing their research at the Interuniversity Institute in Eilat (7000 NIS)

FIELD EXPERIENCE AND CERTIFICATIONS

- 100+ Research Dives
- Dive Master (2009) CMAS. Eilat, Israel
- AAUS scientific diver (2014), Ruppin Academic Center, Israel
- Israel boating (skipper 30) license for sailboat and motorboat (2014), Israel

VOLUNTEER EXPERIENCE

2013

Wildlife Volunteer at Sea turtle rescue center (Israel nature and parks authority). Work included cleaning and monitoring development of green sea turtles (*Chelonia Mydas*) at the breeding facility Michmoret, Israel