

# CURRICULUM VITAE

## PERSONAL DETAILS

Full Name

**Nir Stern**

Tel

036409042

## EDUCATION

**University**

**Dates attended**

**Subjects taken and qualifications obtained**

Tel Aviv University

Faculty of Life Science

Department of Zoology

2010 - Present

PhD in Zoology, under the supervision of Dr Menachem Goren and Prof Buki Rinkevich.

Dissertation focuses on the systematics and taxonomy of marine sardines (Pisces: Clupeidae).

2007 - 2010

MSc in ecology and environmental quality, under the supervision of Dr Menachem Goren.

My thesis investigated the impact of invasive species on the soft bottom fish communities in the eastern Mediterranean.

2004 - 2007

BSc in Biology.

## PUBLICATIONS

1. Goren, M., Galil, B.S., Diamant, A., Gayer, K., **Stern, N.** (2009). First record of the Indo-Pacific cardinal fish *Apogon fasciatus* (White, 1790) in the Mediterranean Sea. [\*Aquatic Invasions\*, \*\*4\*\*\(2\), 409-411](#)
2. Goren, M., **Stern, N.**, Galil, B.S., Diamant, A. (2010). First record of the Indo-Pacific Arrow bulleye *Priacanthus sagittarius* Starnes, 1988 in the Mediterranean Sea. [\*Aquatic Invasions\*, \*\*5\*\*\(2\), S45-S47](#)
3. Goren, M., **Stern, N.**, Galil, B.S., Diamant, A. (2011). First record of the Indo-pacific *Champsodon nudivittis* (Ogilby 1895) (Perciformes, Champsodontidae) from the Mediterranean coast of Israel, and the presence of the species in the Red Sea. [\*Aquatic Invasions\*, \*\*6\*\*, Supplement 1: S115-S117](#)
4. Mienis H.K., **Stern, N.**, Levitt, Y., Rittner O., Goren M., Galil, B.S., Diamant, A. (2011) First records of *Eledone cirrhosa* from the Eastern Mediterranean off Israel (Mollusca, Gastropoda, Octopodidae). *Triton*, **24**: 1-4
5. Goren, M., **Stern, N.**, Galil, B.S. (2013). Bridging the gap: first record of Mertens' prawn-goby *Vanderhorstia mertensi* in Israel. [\*Marine Biodiversity Records\*, \*\*6\*\*:1-3](#)
6. **Stern, N.**, Goren, M. (2013). First record of the moray eel *Gymnothorax reticularis* Bloch, 1795 in the Mediterranean Sea, with a note on its taxonomy and distribution. [\*Zootaxa\* \*\*3641\*\*, 197-200](#)
7. **Stern, N.**, Levitt, Y., Galil, B.S., Diamant, A., Yokeş, M.B., Goren, M. (2014). Distribution and population structure of the alien Indo-Pacific Randall's threadfin bream *Nemipterus randalli* in the eastern Mediterranean Sea. [\*Journal of Fish Biology\*, \*\*85\*\*: 394-406](#)
8. Lee Shaish, Henk K. Mienis, **Nir Stern**, Hadas Lubinevski, Bella Galil, Menachem Goren, Buki Rinkevich (2014). *Chiroteuthis veranii* (Férussac, 1835): the 36<sup>th</sup> cephalopod species from the Eastern Mediterranean of Israel. *Triton*, **30**: 3-4.
9. **Stern, N.**, Rinkevich, B., Goren, M. (2015, in press) First record of the Goldstripe sardinella - *Sardinella gibbosa* (Bleeker, 1849) in the Mediterranean Sea and confirmation for its presence in the Red Sea. [\*BioInvasion Records\*, \*\*4\*\*](#)

## CONFERENCES PARTICIPATION

1. Goren, M., Yokes, M.B., Galil, B.S., Diamant, A., **Stern, N.** (2010). The Indo-Mediterranean: The emergence of a man-made biogeographical province. 39<sup>th</sup> Congress of the CIESM (The Mediterranean Science Commission). 10-14 May. Venice, **Italy**.
2. **Stern, N.**, Goren, M. (2010). The contribution of invasive species to the soft bottom fish communities in the eastern Mediterranean. 47<sup>th</sup> Conference of the Zoology Society of Israel. 5 December. Jerusalem, **Israel**.
3. **Stern, N.**, Goren, M. (2011). Spatial distribution of Red Sea migrant fishes along the Eastern Mediterranean. 8<sup>th</sup> Conference of the Israeli Association of Aquatic Sciences. 11-12 April. Hadera, **Israel**.
4. **Stern, N.**, Goren, M., Yokeş, M.B., Galil, B.S., Diamant, A. (2012). What makes a successful invasion? Case study of the Indo-Pacific threadfin bream, *Nemipterus randalli*, Russel 1987 in the Eastern Mediterranean. XIV European Congress of Ichthyology. 3-8 July. Liege, **Belgium**.
5. **Stern, N.**, Rinkevich, B., Goren, M. (2014). The benefits and drawbacks of integrating DNA barcoding markers into the taxonomic realm of sardines. 1<sup>st</sup> Young Natural History Scientists Meeting. 12-14 February. Muséum national d'Histoire naturelle, Paris, **France**.
6. **Stern, N.**, Rinkevich, B., Goren, M. (2014). Evaluating species delineation in *Sardinella* and *Spratelloides* genera (Clupeidae) by aligning DNA barcoding markers with traditional morphological parameters. 2<sup>nd</sup> Fish Barcode of Life World Conference. 24-26 September. El Colegio de la Frontera Sur (ECOSUR), Chetumal, **Mexico**.

## RESEARCH EXPERIENCE

- Participation in a variety of ichthyological researches in marine and freshwater biodiversity expeditions in Israel. The field work has required complex SCUBA diving techniques with NITROX certification, operating fish electro-shocking equipments, fishing nets and handling live biota in-situ.
- Phylogenetic and molecular protocols - operating relevant laboratory equipment and analysing results with the adequate software.

## RESEARCH EXPEDITIONS

### MSc

1. May 2008 – **Turkey** - marine bottom-trawling biodiversity campaigns, investigating the ichthyofauna in Antalya and Iskenderun bay.
2. July 2009 – **Turkey** - marine bottom-trawling biodiversity campaigns, investigating the ichthyofauna in Antalya and Iskenderun bay.

### PhD

1. March 2013 – **Kenya** – sardines sampling campaigns along the Kenyan coasts. Analysing the samples at the Kenyan Marine and Fisheries Research Institute (KMFRI) in Mombasa.
2. April 2013 – **South Africa** – sardines sampling campaigns in South Africa. Analysing the samples and investigating the sardines from the fish collection at the South African Institute for Aquatic Biodiversity (SAIAB) in Grahamstown.
3. May 2013 – **Spain** – sardine sampling campaigns in Spain. Analysing the samples at the local branches of the Instituto Español de Oceanografía (IEO) in Fuengirola and Cádiz.
4. May 2013 – **Croatia** – sardine sampling campaigns in Croatia. Analysing the samples at the Institute for Marine and Coastal Research in Dubrovnik and at the Institute for Oceanography and Fisheries in Split.
5. August 2013 – **Israel** – bottom trawl biodiversity campaign investigating the deep-water fauna of the EEZ waters of Israel on board the R/V "Shikmona" of the Israeli Oceanographic and Limnological Research institute (IOLR) of Israel.
6. December 2013 – **Jordan** – sardine sampling in the fish market of Aqaba. Analysing the samples at the local Marine Science Station (MSS).
7. February 2014 – **France** – analysing the sardine vouchers from the fish collection at the Muséum national d'Histoire naturelle (MNHN) in Paris.
8. September 2014 – **Mexico** – sardine sampling from the eastern Atlantic coasts of Mexico and investigating the sardines from the fish collection at the Colegio de la Frontera Sur (ECOSUR) in Chetumal.

**EMPLOYMENT**

<b>Name of employer</b>	<b>Dates employed</b>	<b>Position held</b>
The Steinhardt Museum of Natural History and National Research Center, Tel Aviv University	2010 - Present	Technician and collector at the ichthyological collection of the museum.
Maritime graduate school, Michmoret	2010 - Present	Laboratory teaching assistance in Ichthyology course for BSc students.
Zoology educational services "Al HaTeva"	2007-2010	Zoology and ecology teacher for junior high school "Ze'ev" in Herzeliya.
Tel Aviv University Junior faculty staff association of Tel Aviv University	2007-2009	Teaching assistant in laboratory practical course "animal physiology" given to BSc biology students.

**VOLUNTARY ACTIVITIES**

<b>Date</b>	<b>Details</b>
2011 - Present	Student representative at the board of the <a href="#">Israel Association of Aquatic Sciences</a> .
2004-2009	An active member of the <a href="#">ISEF foundation for education</a> : 2008-2009 – Personal tutor for biology at Tel Aviv University preparatory program. 2007-2008 – Personal tutor for children in high risk at boarding school, "Hakfar HaYaroq", Ramat HaSharon. 2004-2007 – Personal tutor for children in high risk in Tel Aviv community centre at "Hatikva" neighborhood.