

Mohamed Najib Daly Yahia

Full Professor in Marine Biology and Plankton Ecology

Marine Plankton Specialist

EDUCATION

- Bachelor of Science in Biology, University of Tunis, Tunisia 1989.
- Master of Science in Biology with distinction, University of Tunis, Tunisia 1991.
- Master of Advances Study in Marine Biology and Oceanography, University of Tunis, Tunisia 1993.
- Ph.D in Biology, University of Tunis, Tunisia, Tunisia 1998.
- Graduate Faculty Membership in Marine Ecology, Carthage University, 2004.

PROFESSION

Full Professor in Marine Biology and Ecology

NATIONALITY

French, Tunisian

LANGUAGES

English, Arabic
French, Italian

CONTACT

Email: nejibdaly@qu.edu.qa

Phone: 00974-4403-6457

Mobile: 00974-31576274

SUMMARY

Mohamed Najib has 29 years experience in teaching and conducting fundamental and applied research on plankton taxonomy, ecology and ecotoxicology, developing monitoring programs and research to promote coastal applied ecology. He is currently working at Qatar University as Full Professor in Marine Biology and Ecology. He has a Research Master in Marine Biology and Oceanography and a Ph.D in Biology of Marine Plankton. He supervised several Ph.Ds, Bachelor Thesis and Research and Professional Masters at the Faculty of Sciences of Bizerte at Carthage University. In the framework of international cooperation between France and Tunisia, he supervised 1 Ph.D between Aix Marseille University and Carthage University (2013) and 1 Ph.D between Montpellier University and Carthage University (2021).

Mohamed Najib is also currently mentoring one Ph.Ds still in progress on zooplankton ecology under physical tidal forcing with Aix Marseille University.

Recently his main research topic focus on ecotoxicology using zooplankton models.

Between 2014 and 2018, he was appointed as co-director of a Joint Tunisia-French International Laboratory (LMI COSYS-MED) and was the principal investigator of several bilateral and European projects such as Eur-Oceans (2005-2008), JEAI-ECOBIZ (2012-2014), Med-Jellyrisk (2013-2015) and Medcot (2013-2016). He published more than 50 peer-reviewed research publications in several impacted journals.

Actually, he is developing new applied research at Qatar University on plankton numerical ecology and ecotoxicology focusing on the impact of urbanization and anthropization on coastal ecosystems. He also focus on Corals Endosymbiont Zooxanthellae such as *Symbiodinium* clades as an ecotoxicological model to test the effect of several natural factors and contaminants such as Salinity, PAHs Cadmium on cell growth and photosynthesis efficiency. In the framework of 2 QNRF UREP24 projects (2019-2020) he develops specific technics for *Symbiodinium* culture and cryopreservation and study the distribution, diversity and biochemical characterization of marine planktonic copepods of Qatar. More recently, he was granted a new QNRF UREP28 project (2021-2022) zooplankton diversity, distribution and valorization in Qatar's Pelagic Ecosystem.

Mohamed Najib Daly Yahia

Full Professor in Marine Biology and Ecology

Marine Plankton Specialist

PROFESSIONAL EXPERIENCE

📌 Qatar University/ College of Arts and Science/ Department of Biological and Environmental Science, Doha, Qatar

Full Professor in Marine Biology and Ecology, August 2018 - Present

Mohamed Najib is a full professor in Marine Biology and Ecology. Co-chair of the Curriculum Quality Assurance and Graduate Studies Committee, Member of the Academic Promotion Committee and Member of the Research Outreach and Enabling Committee at the Department of Biological and Environmental Sciences.

At the College level he is member of the Student Success and Activities Committee.

At Qatar University level he was appointed as a marine expert to attend the 53rd Session of the International Oceanographic Commission Executive Council.

📌 Carthage University/ Faculty of Sciences of Bizerte, Tunisia

Professor in Marine Ecology, 2011 - 2018

Co-Director of the International Joint Laboratory Cosys-Med (since 2016), Member of the Scientific Council of the Faculty of Sciences of Bizerte (since 2017), Member of the National Committee for Biology teaching reform (2015 - 2017), Coordinator of Applied Bachelor Science in Environmental Protection (2007 - 2014 and between 2017 and 2018).

Associate Professor in Animal Ecology, 2004 - 2011

Member of the Scientific Council of the Faculty of Sciences of Bizerte FSB (2006 – 2009).

Assistant Professor in Animal Ecology, 1999-2004

Lecturer in Animal Ecology, 1998-1999

📌 Tunis International Center of Environmental Technology, Tunis, Tunisia

Director of the Marine Laboratory, 1997-1998

Adjunct Faculty Member at Faculty of Sciences of Bizerte (Carthage University), 1993-1996

PROFESSIONAL DEVELOPMENT

- ✓ Organization of an oceanographic cruise on V.O. Janan in Qatar Exclusive Economic Zone with the undergraduate students of MARS 327 course between 11 and 12th October 2019.
- ✓ Participation to 3 multi-disciplinary oceanographic cruises in the framework of COZOMED and MERITE projects for physical oceanographic and contaminants measurements and plankton sampling and analysis in the Gulf of Gabès (South Eastern Mediterranean -Tunisia) in October 2016 and April and October 2017.
- ✓ Internships on Identification and Counting Methods for picoplankton and nanoplankton using Flow Cytometry on BD FacsCalibur at Montpellier 2 University - UMR 5119 (Grant BEST –IRD). Advisors: Professor BONNET D. and Engineer GOT P. July 7 to August 6, 2010; October 2010 and July 2011.

Mohamed Najib Daly Yahia

Full Professor in Marine Biology and Ecology

Marine Plankton Specialist

- ✓ Internship on zooplankton identification and counting using the Zooscan digital imaging system in France (Villefranche Oceanographic Laboratory). Advisor: Professor GORSKY G. From 15 to 22 July 2009.
- ✓ Participation to an International multi-disciplinary oceanographic cruise, CIESM-SUB₂ (R/V URANIA) for oceanographic measurements and seawater and plankton sampling in the Thyrrenian Sea. 13-22 December 2005.
- ✓ Internship on Copepods Swimming and Mating Behavior at the Marine Station of Wimereux (University of Sciences and Technologies of Lille 1). Advisor: Professor Sami SOUISSI. From 13th to 20th December 2004.
- ✓ Training Workshop on Copepod Morphology and Systematics held at the National Museum of Marine Biology and Aquarium (Kenting- Taiwan) from 14th to 20th July 2002.
- ✓ Internship in Taxonomy and Ecology of Mysidaceans at the Medical University of Vienna. Advisor: Professor Karl Wittmann. September 30 to October 8, 2001.
- ✓ Internships (4) at the Zoological Station of Villefranche Sur Mer (Villefranche Oceanographic Laboratory) in Plankton Taxonomy and Numerical Ecology of different zooplanktonic groups (Jellyfish, Copepods, Cladocerans, Chaetognaths, Siphonophores, Appendicularians, Doliolides, Thaliaceans, Ciliates Tintinnids). Advisors: Professors NIVAL P., CARRE C., GOY J., LAVAL-PEUTO M., BRACONNOT J.C., DALLOT S and GORSKY G. June 14 - July 1996; 1 - 30 November 1996; 5 - 24 September 1997; 20 - 30 September 2001.
- ✓ Advanced Courses in Marine Ecology Data Analysis and Signals at the Villefranche Oceanographic Laboratory. Advisors: Professors NIVAL P., IBANEZ F., DALLOT S. and LABAT J.P. From June 25 to July 15, 1995.
- ✓ Advanced Courses in Fundamental and Applied Marine Ecology (FAME) at the Free University of Brussels (VUB). Advisors: Professors DARO M.H. and POLK P. From November 17 to December 22, 1992.

TEACHING EXPERIENCE (1993 - 2022)

Graduate level course in Biodiversity (BIOL 616) for PhD students in Biological and Environmental Sciences (QU).

Graduate level course in Marine Sciences (BIOL 606) for PhD students in Biological and Environmental Sciences (QU).

Graduate level course in Lab Rotation I and II (BIOL 602 and BIOL 603) for PhD students in Biological and Environmental Sciences (QU).

Undergraduate level course and labs in Plankton and Productivity (MARS 327 – Third Year Students) for the Bachelor of Science in Environmental Sciences – Marine Sciences (QU).

Undergraduate level course in Marine Ecology (MARS 455 – Fourth Year Students) for the Bachelor of Science in Environmental Sciences – Marine Sciences (QU).

Undergraduate level course in Marine Biology (MARS 251 – Second Year) for Bachelor of Sciences in Environmental Sciences – Biotechnology (QU).

Undergraduate level Course and Labs in Basic Ecology (BIOL 221 – Second Year) Bachelor of Sciences in Environmental Sciences – Biotechnology (QU).

Mohamed Najib Daly Yahia

Full Professor in Marine Biology and Ecology

Marine Plankton Specialist

Undergraduate level Lecture in Freshman Seminar (BIOL 103 – First Year) for Bachelor of Sciences in Environmental Sciences (QU).

Master level Lectures in Ecology and Sampling Methods for Aquatic Organisms (Research Master in Environmental Sciences – Carthage University).

Master level Lectures in Coastal Ecology (Applied Master in Environmental Bio-monitoring – Carthage University).

Master level Lectures in Marine Ecosystems Integrate Management and Functioning (Applied Master in Environmental Bio-monitoring– Carthage University).

Master level Lectures in Sampling Methods for Aquatic Organisms (Applied Master in Environmental Bio-monitoring– Carthage University).

Practical Labs in Sampling Methods for Aquatic Organisms (Applied Master in Environmental Bio-monitoring– Carthage University).

Graduate level Lectures in Population Ecology (Fundamental BSC in Life Sciences– Carthage University)

Graduate level Lectures in Applied Ecology (Applied BSC in Environment Protection– Carthage University)

Graduate level Lectures in Functioning and Productivity of Aquatic Ecosystems (Fundamental BSC in Life and Earth Science– Carthage University)

Graduate level Lectures in Marine Ecosystems (Applied BSC in Environment Protection– Carthage University)

Practical Labs in Animal Biology (Fundamental BSC in Life and Earth Science– Carthage University)

Master level Lectures in Taxonomy and Sampling Marine Organisms (Research Master in Natural Products Bioactivity and Therapy– Carthage University).

Master level Lectures in Marine Ecology and Biology (Research Master in Hydrobiology– Carthage University).

Master level Lectures in Planktonic Crustacean Biology (Research Master in Hydrobiology– Carthage University).

Graduate level Lectures and Practical Labs in Coastal and Lagoonal Ecology (Fundamental BSC in Life and Earth Science– Carthage University).

Master level Practical Labs in Plankton Ecology (Research Master in Environmental Sciences– Carthage University).

Graduate level Practical Labs in Basic Animal Ecology and Basic Animal Biology. (Master of Science in Natural Sciences– Carthage University)

Graduate level Practical Labs in Basic Animal Biology, Descriptive Embryology and Basic Animal Ecology (Master of Science in Natural Sciences– Carthage University)

RESEARCH ACTIVITIES

Peer-reviewed Publications - International Peer-reviewed Publications 2000 -2022

Djebbi E., Daly Yahia M.N., Farcy E., Pringault O. and Bonnet D., 2022. Acute and chronic toxicity assessments of 17 β -estradiol (E₂) and 17 α -ethinylestradiol (EE₂) on the calanoid copepod *Acartia clausi*: effects on survival, development, sex-ratio and reproduction. *Sci Total Environ* 807. 150845. <https://doi.org/10.1016/j.scitotenv.2021.150845>

Mohamed Najib Daly Yahia

Full Professor in Marine Biology and Ecology

Marine Plankton Specialist

- Makhlouf Belkahlia N., Pagano M., Chevalier C., Devenon J.L. and Daly Yahia M.N., 2021. Zooplankton abundance and community structure driven by tidal currents in a Mediterranean coastal lagoon (Boughrara, Tunisia, SW Mediterranean Sea). *Estuarine, Coastal and Shelf Science* 250. 107101. <https://doi.org/10.1016/j.ecss.2020.107101>
- Marambio M., Canepa A., Lòpez L., Gauci A.A., Gueroun S.K.M, Zampardi S., Boero F., Kéfi-Daly Yahia O., Daly Yahia M.N., Fuentes V., Piraino S. and Deidun A., 2021. Unfolding Jellyfish Bloom Dynamics along the Mediterranean Basin by Transnational Citizen Science Initiatives. *MDPI Diversity*, 13, 274. <https://doi.org/10.3390/d13060274>
- Djebbi E., Bonnet D., Pringault O., Tlili K. and Daly Yahia M.N., 2021. Effects of nickel oxide nanoparticles on survival, reproduction, and oxidative stress biomarkers in the marine calanoid copepod *Centropages ponticus* under short-term exposure. *Environmental Science and Pollution Research*. <https://doi.org/10.1007/s11356-020-11781-1>
- Lebrato M., Garbe-Schönberga D., Müller M.N., Blanco-Ameijeiras S., Feely R.A., Lorenzonie L., Molinero J.C., Bremner K., Jones D.O.B., Iglesias-Rodriguez D., Greeley D., Lamare M.D., Paulmier J., Graco J.M., Cartes J., Ramos J.B., Laram A., Sanchez-Leal R., Jimenez P., Paparazzo F.E., Hartmann S.E., Westernströer U., Küter M., Benavides R., da Silva A.F., Bellq S., Payner C., Olafsdottir S., Robinsont K., Jantunen L.M., Korabely L., Webster R.J., Jones E.M., Gilgy O., Bailly du Bois P., Beldowskia J., Ashjian C., Daly Yahia M.N., Twining B., Chenev X., Tseng L., Hwang J., Dahms H. and Oschlies A., 2020. Global variability in seawater Mg:Ca and Sr:Ca ratios in the modern ocean. *Proceedings of the National Academy of Sciences (PNAS)*, 12. www.pnas.org/cgi/doi/10.1073/pnas.1918943117
- Hussain MB, Laabir M, Daly Yahia M.N., 2020. A novel index based on planktonic copepod reproductive traits as a tool for marine ecotoxicology studies. *Sci Total Environ* 727:138621. <https://doi.org/10.1016/j.scitotenv.2020.138621>.
- Gueroun S.M.K., Molinero J.C., Piraino S. and Daly Yahia M.N., 2020. Population dynamics and predatory impact of the alien jellyfish *Aurelia solida* (Cnidaria, Scyphozoa) in the Bizerte Lagoon (southwestern Mediterranean Sea). *Mediterranean Marine Sciences*. DOI: <http://dx.doi.org/10.12681/mms.17358>
- Ramírez-Romero E., Molinero J.C., Sommer U., Salhi N., Kéfi - Daly Yahia O. and Daly Yahia M.N., 2020. Phytoplankton size changes and diversity loss parallel rising temperatures in the southwestern Mediterranean Sea. *Estuarine, Coastal and Shelf Science*, 235 (106574). <https://doi.org/10.1016/j.ecss.2019.106574>
- Ben Gharbia H., Laabir M., Ben Mhamed A., Gueroun S.K.M., Daly Yahia M.N., Nouri H., M'Rabet C., Shili A., and Kéfi-Daly Yahia O., 2019. Occurrence of epibenthic dinoflagellates in relation to biotic substrates and to environmental factors in Southern Mediterranean (Bizerte Bay and Lagoon, Tunisia): an emphasis on the harmful *Ostreopsis* spp., *Prorocentrum lima* and *Coolia monotis*. *Harmful Algae*, 90 (101704). <https://doi.org/10.1016/j.hal.2019.101704>
- Salhi N., Zmerli-Triki, H., Molinero J.C., Laabir M., Sehli E., Bellaaj-Zouari A., Daly Yahia M.N. and Kéfi-Daly Yahia O., 2018. Seasonal variability of picophytoplankton under contrasting environments in northern Tunisian coasts, southwestern Mediterranean Sea. *Marine Pollution Bulletin*. 129: 866-874.
- Balistreri P., Spiga, A., Deidun A., Gueroun S.K.M. and Daly Yahia M.N., 2017. Further spread of the venomous jellyfish *Rhopilema nomadica* Galil, Spanner & Ferguson, 1990 (Rhizostomeae, Rhizostomatidae) in the western Mediterranean. *BioInvasions Records*. 6 (1): 19-24.

Mohamed Najib Daly Yahia

Full Professor in Marine Biology and Ecology

Marine Plankton Specialist

- Ensibi, C., Mrabet C., Chalghaf M. and Daly Yahia M.N., 2017. Antioxidant enzyme activity and lipid peroxidation in gills of fish (*Sparus aurata*) upon exposure to swarms of *Pelagia noctiluca*. *Aquaculture Int.* 25 (2): 555-565.
- Ensibi, C. and Daly Yahia M.N., 2017. Toxicity assessment of cadmium chloride on planktonic copepods *Centropages ponticus* using biochemical markers. *Toxicology Reports.* 4 : 83-88.
- Hidouri, S., Ensibi, C., Landoulsi, A. and Daly Yahia M.N., 2017. Effects of chronic exposure to silver nanoparticles on *Ruditaped decussatus* gills using biochemical markers. *Water Air Soil Pollution.* 228 (2), 79. DOI 10.1007/s11270-017-3265-0.
- Bosch-Belmar M., Mrabet C., Dhaouadi R., Chalghaf M., Daly Yahia M.N., Fuentes V., Piraino S. and Kefi-Daly Yahia O., 2016. Jellyfish Stings Trigger Gill Disorders and Increased Mortality in Farmed *Sparus aurata* (Linnaeus, 1758) in the Mediterranean Sea. *PLOS One* DOI:10.1371/journal.pone.0154239.
- Gueroun S. K. M., Acevedo M. J., Kéfi-Daly Yahia O., Deidun A., Fuentes V. L., Piraino S. and Daly Yahia M. N., 2015. First records of *Carybdea marsupialis* proliferation (Cnidaria: Cubozoa) along the eastern Tunisian coast (Central Mediterranean). *Italian Journal of Zoology*, 82:3, 430-435, DOI: 10.1080/11250003.2015.1045945.
- Ben Lamine Y., Pringault O., Aissi M., Ensibi C., Mahmoudi E., Daly Yahia-Kefi O. and Daly Yahia M.N., 2015. Environmental controlling factors of copepod communities in the Gulf of Tunis (South Western Mediterranean Sea). *Cahier de Biologie Marine.* 56 : 213-229.
- Ensibi C., Gueroun, S.K.M., and Daly Yahia M.N., 2015. Effects of cadmium treatment on larval mortality and settlement success of the scyphomedusae *Aurelia aurita*. *GERF Bulletin of Biosciences.* 6(2): 2229-6433.
- Ensibi, C., Pringault, O., Hannaoui, W. and Daly Yahia, M.N. 2015. Effects of Cadmium Exposure on Reproduction and Survival of the Planktonic Copepod *Centropages ponticus*. *Marine Sci Res Dev.* 5(1): 2155-9910.
- Ensibi, C., Lahbib, K., Mrabet, CH. and Daly Yahia, M.N., 2015. Antioxidant activity of *Aplysia depilans* collected from Bizerte Channel (NE Tunisia). *Algerian Journal of Natural Products* 3:1. 138-145.
- Aïssi M., Arcangeli A., Crosti R., Daly Yahia M. N., Loussaief B., Moulins A., Pellegrino G., Rosso M., Tringali L. M. and Tepsich P., 2015. Cetacean Occurrence and Spatial Distribution in the Central Mediterranean Sea Using Ferries as Platform of Observation. *Russian Journal of Marine Biology* 41 (5): 343–350.
- Necibi M., Mzoughia N., Daly Yahia M.N. and Pringault O., 2015. Distributions of organochlorine pesticides and polychlorinated biphenyl in surface water from Bizerte Lagoon, Tunisia. *Desalination and Water Treatment* 56 (10): 2663-2671.
- Aissi M., Touzri C., Gueroun SKM, Kefi-Daly Yahia O. and Daly Yahia M.N., 2014. Persistent occurrence and life cycle of *Pelagia noctiluca* in the channel of Bizerte (Northern Tunisia). *Eco. Env. & Cons.* 20 (4) : 1453-1460.
- Ensibi C., Soler-Rodriguez F., Miguez-Santiyan M.P., Perez-Lopez M., Daly Yahia M.N. and Hernandez-Moreno D., 2014. Zn(II), Pb(II) and Cd(II) levels in livers and muscles of wild duck (*Anas platyrhynchos*) hunting in El Melah Lagoon (NE Tunisia). *Algerian Journal of Natural Products* 2/3: 98-104.
- Gueroun, S.K.M., Kefi-Daly Yahia, O., Deidun, A., Fuentes, V., Piraino, S. and Daly Yahia, M.N. 2014. First record and potential trophic impact of *Phyllorhiza punctata* (Cnidaria : Scyphozoa) along the north Tunisian coast (South Western Mediterranean Sea). *Italian Journal of Zoology.* 82:1, 95-100, DOI: 10.1080/11250003.2014.981306.

Mohamed Najib Daly Yahia

Full Professor in Marine Biology and Ecology

Marine Plankton Specialist

- Neffati N., Daly Yahia – Kefi O., Bonnet D., Carlotti F. and Daly Yahia M.N., 2013. Reproductive traits of two calanoid copepods : *Centropages ponticus* and *Temora stylifera*, in autumn in Bizerte Channel., 2012. *Journal of Plankton Research*. January/February 35 (1): 80-96. doi: 10.1093/plankt/fbs071.
- Ensibi, C., Perez-Lopez, M., Soler-Rodriguez, F., Miguez-Santiyan, M.P., Daly Yahia, M.N. and Hernandez-Moreno, D., 2013. Effects of deltamethrin on biometric parameters and liver biomarkers in common carp (*Cyprinus carpio* L.). *Environmental Toxicology and Pharmacology* 36: 384-391.
- Daly Yahia M.N., Kefi-Daly Yahia O., Gueroun, S.K.M., Aissi M., Deidun A., Fuentes V. and Piraino S., 2013. The invasive tropical scyphozoan *Rhopilema nomadica* Galil, 1990 reaches the Tunisian coast of the Mediterranean Sea. *BioInvasions Records*. 2 (4): 319-323.
- Touzri C., Hamdi H., Goy J. and Daly Yahia M.N., 2012. Diversity and Distribution of the Gelatinous zooplankton in the south western Mediterranean Sea. *Marine Ecology* 33 (4): 393-529. DOI: 10.1111/j.1439-0485.2012.00510.x.
- Bonnet D., Molinero J.C., Schohn T. and Daly Yahia M.N., 2012. Seasonal changes in the population dynamics of *Aurelia aurita* in Thau lagoon. *Cahier de Biologie Marine*. 53 : 343-347.
- Annabi-Trabelsi N., Daly Yahia M.N., Belmonte G., Aleya L. and Ayadi H., 2012. Impacts of very warm temperature on egg production rates of three Acartiidae (Crustacea, Copepoda) in a Northern African lagoon. *Journal of Thermal Biology*. 37: 445-453.
- Ensibi, C., D. Hernandez-Moreno, M. P. Miguez Santiyan, M. N. Daly Yahia, F. Soler Rodriguez and M. Perez-Lopez, 2012. "Effects of carbofuran and deltamethrin on acetylcholinesterase activity in brain and muscle of the common carp." *Environmental Toxicology* 29(4): 386-393.
- Licandro P., Conway D.V.P., Daly Yahia M.N., Fernandez De Puellas M.L., Gasparini S., Hecq J.H., Tranter P. and Kirby R.R., 2010. A blooming jellyfish in the northeast Atlantic and Mediterranean. *Biology Letters* 6(5): 688-91. doi: 10.1098/rsbl.2010.0150.
- Touzri C., Kefi-Daly Yahia O., Hamdi H., Goy J. and Daly Yahia M.N., 2010. Spatio-temporal distribution of Medusae (Cnidaria) in the Bay of Bizerte (South Western Mediterranean Sea). *Cahier de Biologie Marine* 51: 167-176.
- Molinero J.C., Vukanic V., Lucic D., Ibanez F., Nival P., Licandro P., Calbet A., Christou E.D., Daly Yahia M.N., Fernandez De Puellas M.L., Mazocchi M.G. and Siokou-Frangou I., 2009. Mediterranean marine copepods: basin-scale trends of the calanoid *Centropages typicus*. *Hydrobiologia*. 617: 41-53. DOI 10.1007/s10750-008-9524-8
- Bellakhal M., Daly Yahia - Kefi O., Bellakhal - Fartouna M. et Daly Yahia M.N., 2009. Effet d'une pollution thermique et d'une eutrophisation côtière sur la distribution du phytoplancton de la Baie de Sousse, Tunisie. *REDVET- Revista Electronica de Veterinaria*. 10 (9). ISSN: 1695 - 7504. (<http://www.veterinaria.org/revistas/redvet/n090909.html>).
- Annabi-Trabelsi N. and Daly Yahia M. N., 2009. *Centropages kroyeri* egg production rate as a function of lagoon summer conditions. *Thalassia Sal.*, 32: 17–27.
- Souissi A., Souissi S. and Daly Yahia M.N., 2008. Temporal variability of abundance and reproductive traits of *Centropages kroyeri* (Calanoida, Copepoda) in Bizerte Channel (SW Mediterranean Sea, Tunisia). *Journal of Experimental Marine Biology and Ecology* 355: 125-136.
- Addad S., Daly Yahia M.N., Belghith H., Zamamouch S., Goy J. and Daly Yahia - Kefi O., 2008. Analyse taxinomique, écologique et caractérisation biochimique des scyphoméduses de la Baie de Bizerte et de Tunis (Juillet - Décembre 2004). *Bulletin de la Société Zoologique de France*. 133 (1-3): 33 – 41.

Mohamed Najib Daly Yahia

Full Professor in Marine Biology and Ecology

Marine Plankton Specialist

- Khelifi – Touhami M., Semroud R., Hamdi H., Ounissi M., Haridi A., Daly Yahia M.N. and Aissa P., 2007. The planktonic copepod communities from the southern Mediterranean Sea (Algeria, Tunisia) with a re-description of *Paracalanus indicus* Wolfenden 1905 (Copepoda: Calanoida). *Cahier de Biologie Marine* 48: 327 – 337.
- Daly Yahia - Kefi O., Souissi S., De Stefano M. and Daly Yahia M.N., 2005. *Bellerochea horologicalis* and *Lithodesmioides polymorpha* var. *tunisiense* var. nov. (Coscinodiscophyceae, Bacillariophyta) in the Bay of Tunis: ultrastructural observations and spatio-temporal distribution. *Botanica Marina* 48: 58 – 72.
- Bonnet D., Richardson A., Harris R., Hirst A., Beaugrand G., Edwards M., Ceballos S., Diekman R., Lopez-Urrutia A., Valdes L., Carlotti F., Molinero J.C., Weikert H., Greve W., Lucic D., Albaina A., Daly Yahia M.N., Fonda-Umani S., Miranda A., Dos Santos A., Cook K., Robinson S. and Fernandez De Puellas M.L., 2005. An overview of *Calanus helgolandicus* ecology in European waters. *Progress in Oceanography*, 65 : 1 – 53.
- Daly Yahia- Kéfi O., Souissi S., Fernando G. and Daly Yahia M.N., 2005. Effect of nutrient disturbances on the microphytoplankton structure in the Bay of Tunis (SW Mediterranean Sea). *Mediterranean Marine Science*, Vol 6/1 : 17-34.
- Daly Yahia M.N., Daly Yahia – Kefi O., Souissi S., Maamouri F. and Aissa P., 2005. Etude des associations spécifiques Tintinnides (Ciliophora, Tintinnina) – Dinoflagellés (Dinophyceae) au niveau de la baie de Tunis et de deux lagunes associées: Ghar El Melh et Tunis Sud. *La Mer (Revue Franco_ Japonaise)*, 42 (3): 19-32.
- Annebi-Trabelsi N., Daly Yahia M.N., Romdhane M.S., and Ben Maiz N. 2005. Short-term and seasonal variability of planktonic copepods in Tunis North Lagoon (Tunisia, North Africa). *Cahier de Biologie Marine* 46: 1 – 9.
- Daly Yahia M.N., Souissi S., and Daly Yahia- Kéfi O., 2004. Spatio-temporal structure of planktonic copepods in the Bay of Tunis (South Western Mediterranean Sea). *Zoological studies* 43 (2): 8 – 19
- Touzri C., Daly Yahia M.N. and Goy J., 2004. Le Plancton Gélatineux de la Baie de Sousse (Méditerranée Méridionale): Systématique et Ecologie. *Bulletin de la Société Zoologique de France* 129 (4): 379 - 392.
- Daly Yahia M.N., Goy J. and Daly Yahia – Kefi O., 2003. Distribution et écologie des Méduses (Cnidaria) du golfe de Tunis (Méditerranée sud occidentale). *Oceanologica Acta*. 26: 645 – 655.
- Annabi-Trabelsi N., Trabelsi E.B., Daly Yahia M.N., Ben Maiz N. and Romdhane M.S. Preliminary evaluation of trophic state of the North Lake of Tunis waters (Application of the trophic index TRIX). 2003. *Water, Waste and Environment Research* 4 (1-2): 39 – 46.
- Daly Yahia- Kéfi O., Nezan E. and Daly Yahia M.N., 2001. Sur la présence du genre *Alexandrium* Halim dans la Baie de Tunis (Tunisie). *Oceanologica Acta*. 24 (S):17-25.
- Souissi S., Daly Yahia-Kefi O. and Daly Yahia M.N., 2000. Spatial characterization of nutrient dynamics in the Bay of Tunis (south-western Mediterranean) using multivariate analyses: consequences for phyto- and zooplankton distribution. *Journal of Plankton Research* 22 (11): 2039-2059.

Grants and Funded Projects (2010 – 2022).

Daly Yahia, M.N. (Lead Principal Investigator). UREP28-105-1-017 project. "Seasonal Zooplankton Diversity, Distribution and Valorization along a coastal to offshore gradient in Qatar's Pelagic Ecosystem". Qatar University, \$20,000.00. (January 2022, January 2023).

Mohamed Najib Daly Yahia

Full Professor in Marine Biology and Ecology

Marine Plankton Specialist

Daly Yahia, M.N. (Lead Principal Investigator). UREP24-082-1-016 project. "Distribution, diversity and biochemical characterization of marine planktonic Copepods of Qatar". Qatar University, \$15,000.00. (October 23, 2019 - October 23, **2020**).

Daly Yahia, M.N. (Lead Principal Investigator). UREP24-082-1-017 project. "Zooxanthellae culture and cryopreservation as a tool for Coral Reefs restoration from bleaching and diseases". Qatar University, \$20,000.00. (October 23, 2019 - October 23, **2020**).

Daly Yahia, M.N. (Undergraduate Thesis internal grant). "Diversity, distribution, risk assessment and characterization of some jellyfishes from Qatar coastal waters," Qatar University, QAR 10,000.00. (August 25, 2019 - May 28, **2020**).

Daly Yahia, M.N. (Undergraduate Thesis internal grant). "Impact of urbanization and anthropization on the diversity and quantitative distribution of Microzooplankton along the eastern coast of Qatar: interactions between microzooplankton, with other plankton groups and environmental parameters," Qatar University, QAR 10,000.00. (August 25, 2019 - May 28, **2020**).

Daly Yahia, M.N. (Undergraduate Thesis internal grant). "Effects of PAHs on the morphology, growth and photosynthetic activity of Zooxanthellae from *Platygyra daedalea* (Ellis and Solander, 1786) in Qatar Coral Reefs. Qatar University, QAR 10,000.00. (August 25, 2019 - May 28, **2020**).

Founding Member and Co-Director between **2014 and 2018** of a Tunisian - French International Joint Laboratory (Laboratoire Mixte International sur les Contaminants Sud Méditerranéens). Acronym: LMI Cosys-Med. (Total Budget: 200.000 euros / Faculty of Sciences of Bizerte (FSB) Budget: 45.000 euros / source of funding IRD France

Scientific coordinator of ENPI project entitled "Méthodologie Durables pour la Réhabilitation et la Valorisation du Littoral Côtier. MEDCOT (**2013-2016**). Ref: 2PS2.2.016. (Total Budget: 708.900 euros / Faculty FSB Budget: 150.000 euros / source of funding European Union).

Scientific coordinator of an ENPI CBC-MED project entitled "Integrated monitoring of jellyfish outbreaks under anthropogenic and climatic impacts in the Mediterranean sea (coastal zones): trophic and socio-economic risks - MED-JELLYRISK (**2012 – 2015**), Ref: I-A/1.3/098. (Total Budget: 2.5 million euros / Faculty FSB Budget 600.000 euros / source of funding European Union).

Scientific coordinator of a Tunisian – French bilateral project entitled "Impact of anthropization on diversity and functioning of the pelagic food web in the lagoon of Bizerte - Tunisia" Acronyme : JEAI ECOBIZ (**2012 – 2014**) (Total budget 50.000 euros / Faculty FSB Budget 35000 euros / source of funding: IRD France).

OTHER RELEVANT EXPERIENCE AND SERVICE TO THE PROFESSION

Marine Expert appointed to represent Qatar University at the 53rd Session of the International Oceanographic Commission Executive Council.

Mohamed Najib Daly Yahia

Full Professor in Marine Biology and Ecology

Marine Plankton Specialist

Expert Member of the Intergovernmental Sciences-Policy Platform on Biodiversity and Ecosystem Services (IPBES) since 2019.

European Expert acted as coordinator of the focal point (Antenna) of the Joint Technical Secretariat for ENPI CBC MED ITALY-TUNISIA PROGRAM between September 2014 and October 2016.

Member of the MEDZOO group (Working Group on Mediterranean Zooplankton Ecology. 2004-2018

Member of the National Committee for Biology teaching review aimed to revise and create graduate courses at masters' national program. 2015- 2017

Selected as Carthage University delegate to participate to the 1st summer school on Sustainable Developments Goals (SDGs) in Marseille between 8 and 13 July 2016.

Co-Director and co-Founder of a Professional Master of Science in Environmental Bio-Monitoring.

Training instructor during the Workshop GELAMED in Taxonomy of Gelatinous Plankton. 2010

Member of the Scientific Advisory Committee of the joint WGZE/CIESM workshop to compare Zooplankton Ecology and Methodologies between the Mediterranean and the North Atlantic (WKZEM): Hellenic Center for Marine Research, Heraklion, Crete, Greece, 27 – 30 October 2008

Director and Founder of a Professional Bachelor of Science in Environmental Protection. 2007-

Scientific Committee Member of the 38th International Liège Colloquium on Ocean Dynamics. "Revisiting the role of zooplankton in pelagic ecosystems", Liège 8 – 12 May 2006.

Scientific Committee Member of the 1st Mediterranean Colloquium on Oceanology, Alger 20 - 23 November 2006.

Co-chairman of the International Organizing Committee and president of the Local Organizing Committee of the 9th International Conference on Copepoda. Hammamet (Tunisia) - 11th to 15th July 2005

Tunisian delegate at the CIESM Working Group on Mediterranean Zooplankton Time Series. 37th CIESM Congress. Barcelona 7 – 11 June 2004.

Tunisian delegate at the "8th International Conference on Copepoda" in Keelung, Taiwan, 7-11 July 2002. World Association of Copepodologists (WAC).

Coordinator of a "National Workshop on Jellyfish". Tunis, 8 November 2001. RAC/SPA.

Dr. Mohamed Najib DALY YAHIA

B.Sc, M.Sc, Ph.D

Professor in Marine Biology and Plankton Ecology

Qatar University - College of Arts and Sciences

Department of Biological and Environmental Sciences

 : P.O. Box: 2713 Doha – Qatar  : Office BCR-C207

 : 00974-4403-6457  : 00974-4403-4531

 <http://www.qu.edu.qa/artssciences/>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=6506282294>

Research gate: https://www.researchgate.net/profile/Mohamed_Daly_Yahia

Google Scholar:

https://scholar.google.com/citations?hl=fr&user=kj5ipGYAAAAJ&view_op=list_works&sortby=pubdate

MDPI DIVERSITY SPECIAL ISSUE September 2022:

https://www.mdpi.com/journal/diversity/special_issues/Gelatinous_Zooplankton_Diversity_Distribution