

CURRICULUM VITAE

PERSONAL INFORMATION



Giuseppe Notarbartolo di Sciara

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website <http://www.disciara.org>
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born on 27 November 1948
nationality Italian
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Wikipedia https://en.wikipedia.org/wiki/Giuseppe_Notarbartolo_di_Sciara

JOB Marine conservation ecologist

WORK EXPERIENCE

- 2016 – present Founder, Honorary President and Vice President
1986-1997, 2010-2016 President
Tethys Research Institute, Viale G.B. Gadio 2, 20121 Milano, Italy www.tethys.org
Sector: marine conservation science and policy
- 2014 – 2022 COP-appointed Councillor for aquatic mammals
U.N. Convention on the Conservation of Migratory Species of Wild Animals (CMS)
- 2017 Member of the Review Panel, 2nd Performance Review
Appointed by the Convention on the Conservation of Antarctic Marine Living Resources (CCAMLR), as an “internationally recognised expert whose expertise covers the relevant areas of environmental management, fisheries science and legal matters, including compliance and enforcement issues and the fight against IUU fishing” (COMM CIRC 17/25 and SC-CIRC 17/19)
- 2012 – present Co-chair
Joint IUCN WCPA/SSC Task Force on Marine Mammal Protected Areas
- 2003 – present Member
IUCN SSC Shark Specialist Group
- 2003 – present Member of the Board of Advisors
Pew Fellows in Marine Conservation
- 2000 – present Regional Coordinator, Mediterranean and Black Sea
IUCN World Commission on Protected Areas – Marine
- 1991 – present Deputy Chair
IUCN SSC Cetacean Specialist Group
- 2012 – 2020 Member of the Board of Governors
The Society of Marine Mammalogy

- 2006 - 2016 Contract Professor
University "Statale" of Milano
Course on science and policy of marine biodiversity conservation
- 2002 – 2010 Chair
Scientific Committee of ACCOBAMS
- 1999 - 2003 Commissioner/Alternate Commissioner for Italy
International Whaling Commission
- 1996 – 2003 President
Istituto Centrale per la Ricerca Applicata al Mare (ICRAM)

EDUCATION

- 1980 - 1985 PhD in Marine Biology
University of California at San Diego, Scripps Institution of Oceanography, La Jolla, California, USA
- 1975 - 1976 Laurea in natural sciences, cum laude
University of Parma, Italy
- 1969 - 1974 Laurea in biological sciences
University of Parma, Italy

PERSONAL SKILLS - LANGUAGES

Mother tongue Italian

Other languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C	C	C	C	C
French	C	C	C	C	C
Spanish	C	C	C	B	B

SELECTED PUBLICATIONS **h-index Scopus: 34 - h-index Google Scholar: 50**

Schweitzer J., Notarbartolo di Sciara G. 1986. The rete mirabile cranica in the genus *Mobula*: a comparative study. *Journal of Morphology* 188:167-178.

Watkins W.A., Tyack P., Moore K.E., Notarbartolo di Sciara G. 1987. *Steno bredanensis* in the Mediterranean Sea. *Marine Mammal Science* 3(1):78-82.

Notarbartolo di Sciara G. 1987. A revisionary study of the genus *Mobula* Rafinesque, 1810 (Chondrichthyes: Mobulidae), with the description of a new species. *Zoological Journal of the Linnean Society, London* 91:1-91.

Notarbartolo di Sciara G. 1987. Killer whale, *Orcinus orca*, in the Mediterranean Sea. *Marine Mammal Science* 3(4):356-360.

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Notarbartolo di Sciara G., Hillyer E.V. 1989. Mobulid rays off Eastern Venezuela. *Copeia* 1989(3):607-614.

Notarbartolo di Sciara G. 1990. A note on the cetacean incidental catch in the Italian driftnet swordfish fishery, 1986-1988. *Reports of the International Whaling Commission* 40:459-460.

Fossi M.C., Marsili L., Leonzio C., Notarbartolo di Sciara G., Zanardelli M. 1992. The use of non-destructive biomarker in Mediterranean cetaceans: preliminary data on MFO activity in skin biopsy. *Marine Pollution Bulletin* 24(9):459-461.

Notarbartolo G., Ausenda F., Orsi Relini L., Relini G. 1992. Una proposta di gestione dell'ambiente pelagico: la Riserva della Biosfera nel Bacino corso-ligure provenzale. *Atti XXII Congresso della Società Italiana di Biologia Marina*, Cagliari, Santa Margherita di Pula, 20-24 May 1991. *Oebalia*, Supplemento 17:517-521.

Watkins W.A., Daher M.A., Frstrup K.M., Howald T.J., Notarbartolo di Sciara G. 1993. Sperm whales tagged with transponders and tracked underwater by sonar. *Marine Mammal Science* 9(1):55-67.

Notarbartolo di Sciara G., Venturino M.C., Zanardelli M., Bearzi G., Borsani J.F., Cavalloni B. 1993. Cetaceans in the central Mediterranean Sea: distribution and sighting frequencies. *Italian Journal of Zoology* 60:131-138.

Forcada J., Notarbartolo di Sciara G., Fabbri F. 1995. Abundance of fin whales and striped dolphins summering in the Corso-Ligurian Basin. *Mammalia* 59(1):127-140.

Notarbartolo di Sciara G., Barbaccia G., Azzellino A. 1997. Birth at sea of a false killer whale, *Pseudorca crassidens*. *Marine Mammal Science* 13(3):508-511.

Bearzi G., Notarbartolo di Sciara G., Politi E. 1997. Social ecology of bottlenose dolphins in the Kvarneric' (northern Adriatic Sea). *Marine Mammal Science* 13(4):650-668.

Notarbartolo di Sciara G., Gordon J. 1997. Bioacoustics: a tool for the conservation of cetaceans in the Mediterranean Sea. *Marine and Freshwater Behaviour and Physiology* 30:125-146.

Berubé M., Aguilar A., Dendanto D., Larsen F., Notarbartolo di Sciara G., Sears R., Sigurjónsson J., Urban-Ramirez J., Palsbøll P.J. 1998. Population genetic structure of North Atlantic, Mediterranean Sea and Sea of Cortez fin whales, *Balaenoptera physalus* (Linnaeus, 1758): analysis of mitochondrial and nuclear loci. *Molecular Ecology* 7(5):585-599.

Bearzi G., Politi E., Notarbartolo di Sciara G. 1999. Diurnal behavior of free-ranging bottlenose dolphins in the Kvarneric (northern Adriatic Sea). *Marine Mammal Science* 15(4):1065-1097.

Brownell R.L., Jr., Tillman M.F., Notarbartolo di Sciara G., Berggren P., Read A.J. 2000. Further scrutiny of scientific whaling. *Science* 290:1696.

Fossi M.C., Casini S., Marsili L., Ausili A., Notarbartolo di Sciara G. 2001. Are the Mediterranean top predators exposed to toxicological risks due to endocrine disrupters? *Annals of the New York Academy of Science* 948:67-74.

Fossi M.C., Casini S., Ancora S., Moscatelli A., Ausili A., Notarbartolo di Sciara G. 2001. Do endocrine disrupting chemicals threaten Mediterranean swordfish? Preliminary results of vitellogenin and zona radiata proteins in *Xiphias gladius*. *Marine Environmental Research* 52:477-483.

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Balaenoptera physalus, in the Ligurian Sea. Marine Mammal Science 18(1):286-295.

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Orians G., Briand F., Diamond J., Colborn T., Gomez E., Guillemin R., Klug A., Konishi M., Lubchenco J., Mee L., Norse E., Notarbartolo di Sciara G., Payne R., Safina C., Suzuki D., Wilson E.O., Woodwell G. 2003. "Scientists versus Whaling": whose errors of judgment? Bioscience 53(3):200-203.

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Palsbøll P.J., Bérubé M., Aguilar A., Notarbartolo di Sciara G., Nielsen R. 2004. Discerning between recurrent gene flow and recent divergence under a finite-site mutation model applied to North Atlantic and Mediterranean Sea fin whale (*Balaenoptera physalus*) populations. Evolution 58(3):670-675.

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in the Mediterranean and Black Seas: an ACCOBAMS status report, 2010. ACCOBAMS, Monaco. 212 p.

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Adnet S., Cappetta H., Guinot G., Notarbartolo-di-Sciara G. 2012. Evolutionary history of the devilrays (Chondrichthyes: Myliobatiformes) from fossil and morphological inference. *Zoological Journal of the Linnean Society, London* 166:132-159. doi: 10.1111/j.1096-3642.2012.00844.x

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<http://dx.doi.org/10.1016/j.marpol.2013.03.004>

Lascelles B., Notarbartolo di Sciara G., Agardy T., Cuttelod A., Eckert S., Glowka L., Hoyt E., Llewellyn F., Louzao M., Ridoux V., Tetley M.J. 2014. Migratory marine species: their status, threats and conservation management needs. *Aquatic Conservation: Marine and Freshwater Ecosystems* 24 (Suppl. 2):111-127. DOI: 10.1002/aqc.2512

Corrigan C.M., Ardron J.A., Comeros-Raynal M.T., Hoyt E., Notarbartolo di Sciara G., Carpenter K.E. 2014. Developing important marine mammal area criteria: learning from ecologically or biologically significant areas and key biodiversity areas. *Aquatic Conservation: Marine and Freshwater Ecosystems* 24 (Suppl. 2):166-183. DOI: 10.1002/aqc.2513

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Notarbartolo di Sciara G., Lauriano G., Pierantonio N., Cañadas A., Donovan G., Panigada S. 2015. The devil we don't know: investigating habitat and abundance of endangered giant devil rays in the North-Western Mediterranean Sea. *PLOS ONE* 10(11): e0141189. doi:10.1371/journal.pone.0141189

Geijer C., Notarbartolo di Sciara G., Panigada S. 2016. Mysticete migration revisited: are Mediterranean fin whales an anomaly? *Mammal Review*. DOI: 10.1111/mam.12069

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Notarbartolo di Sciara G., Agardy T. 2016. Building on the Pelagos Sanctuary for Mediterranean marine mammals. Pp. 162-179 in: P. Mackelworth (editor), *Marine transboundary conservation and protected areas*. Earthscan from Routledge, Oxford and New York, 313 p.

Notarbartolo di Sciara G., Hoyt E., Reeves R.R., Ardron J., Marsh H., Vongraven D., Barr B. 2016. Place-based approaches to marine mammal conservation. *Aquatic Conservation: Marine and Freshwater Ecosystems* 26(Suppl. 2):85-100. DOI:10.1002/aqc.2642

Notarbartolo di Sciara, G., Podestà, M., Curry, B.E. (Eds.), 2016. *Mediterranean marine mammals ecology and conservation*. *Advances in Marine Biology* 75.

Notarbartolo di Sciara G. 2016. Marine mammals in the Mediterranean: an overview. In: Notarbartolo di Sciara, G., Podestà, M., Curry, B.E. (Eds.), *Mediterranean marine mammals ecology and conservation*. *Advances in Marine Biology* 75:1-36
<http://dx.doi.org/10.1016/bs.amb.2016.08.005>

Notarbartolo di Sciara G., Castellote M., Druon J.-N., Panigada S. 2016. Fin whales (*Balaenoptera physalus*): at home in a changing Mediterranean Sea? In: Notarbartolo di Sciara, G., Podestà, M., Curry, B.E. (Eds.), *Mediterranean marine mammals ecology and conservation*. *Advances in Marine Biology* 75:75-101 <http://dx.doi.org/10.1016/bs.amb.2016.08.002>

Notarbartolo di Sciara G., Kotomatas S. 2016. Are Mediterranean monk seals (*Monachus monachus*) being left to save themselves from extinction? In: Notarbartolo di Sciara, G., Podestà, M., Curry, B.E. (Eds.), *Mediterranean marine mammals ecology and conservation*. *Advances in Marine Biology* 75:361-388 <http://dx.doi.org/10.1016/bs.amb.2016.08.004>

Panigada S., Donovan G.P., Druon J.N., Lauriano G., Pierantonio N., Pirotta E., Zanardelli M., Zerbini A.N., Notarbartolo di Sciara G. 2017. Satellite tagging of Mediterranean fin whales: working towards the identification of critical habitats and the focussing of mitigation measures. *Scientific Reports* 7:3365 DOI:10.1038/s41598-017-03560-9

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Ballance L.T., Block B., Blondin H., Boustany A.M., Brenner J., Catry P., Cejudo D., Cleary J., Corkeron P., Costa D.P., Coyne M., Ortuño Crespo G., Davies T.E., Dias M.P., Douvère F., Ferretti F., Formia A., Freestone D., Friedlaender A.S., Frisch-Nwakanma H., Barrio Froján C., Gjerde K.M., Glowka L., Godley B.J., Gonzalez-Solis J., Granadeiro J.P., Gunn V., Hashimoto Y., Hawkes L.M., Hays G.C., Hazin C., Jimenez J., Johnson D.E., Luschi P., Maxwell S.M., McClellan C., Modest M., Notarbartolo di Sciarra G., Herrero Palacio A., Palacios D.M., Pauly A., Rayner M., Rees A.F., Ross Salazar E., Secor D., A.M.M., Spalding M., Spina F., Van Parijs S., Wallace B., Varo-Cruz N., Virtue M., Weimerskirch H., Wilson L., Woodward B., Halpin P.N. 2019. The importance of migratory connectivity for global ocean policy. *Proceedings of the Royal Society of London Series B Biological Sciences* 286:20191472. <https://doi.org/10.1098/rspb.2019.1472>

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HONOURS AND AWARDS

Knighthood in the Order of St. Charles, received from H.S.H. the Prince Albert II of Monaco on 17 November 2009, for services rendered to the Principality in my quality of Chair of the Scientific Committee of the "Agreement on the Conservation of Cetaceans of the Black Sea, Mediterranean Sea and Contiguous Atlantic Area".

Prize "Tridente d'Oro" awarded by the International Academy of Underwater Sciences and Technologies on 11 September 1993, on the island of Ustica (Italy), for activities in the field of marine science.

Career prize "Una vita per il mare" ("A life for the sea"), 10th edition, awarded in 2006 by the City Aquarium of Milano and Verdeacqua.

European Cetacean Society 2015 Conservation Prize "Mandy McMath Conservation Award".