



Subcommittee on Marine Environment and Ecosystems (SCMEE)
 Fourteenth Session
 Bar, Montenegro, 4-5 February 2014



Marine Mediterranean Invasive Alien Species database MAMIAS www.mamias.org



Présenté par: Daniel Cebrian Menchero,
 Préparé par Atef OUERGHI



ACTION PLAN CONCERNING SPECIES
 INTRODUCTIONS AND INVASIVE SPECIES
 IN THE MEDITERRANEAN SEA

PLAN D'ACTION RELATIF AUX
 INTRODUCTIONS D'ESPECES ET AUX ESPECES
 ENVAHISSANTES EN MER MEDITERRANEE



C.2 At regional level

C.2.1. Data collection and dissemination

20. With a view to providing the concerned national authorities with the necessary scientific and technical documentation, the two following tools will be elaborated, working hand in hand with the Mediterranean experts and international organisations:

- guidelines for controlling the vectors of introduction into the Mediterranean of non-indigenous species and invasive marine species
- a guide for risk analysis assessing the impacts of the introduction of non-indigenous species.

21. A workshop made up of experienced Mediterranean scientists should convene to review the available data on non-indigenous species in the Mediterranean, identifying the most important taxonomic and geographic gaps and suggesting a programme to rectify these. The workshop should also have a session that examines the different vectors of non-indigenous species introduction and proposes possible control measures for their prevention. The guidelines and the guide referred to in the above paragraph 20 will be reviewed during the workshop.

22. A regional mechanism for collecting, compiling and circulating information on invasive non-indigenous species should be set up as part of the present Plan and harmonised with the Mediterranean Clearing House Mechanism developed in collaboration with the CBD Secretariat. It will in particular include:

- procedures for notifying the fact that non-indigenous marine species have been detected in the Mediterranean
- a database on invasive marine species (taxonomy, ecology, affected ecosystems or species, means of fighting the problem, specialists, etc.)
- systems for circulating information on the impacts due to the introduction of species and on the approaches to prevention and management
- a procedure for the rapid circulation of information on new introductions of species
- links of cooperation and exchange with the main pertinent world or regional initiatives.

C.2.2. Regional project on fouling and ballast water and sediments

23. Given the importance of shipping-mediated introductions of non-indigenous species into the Mediterranean, it is strongly recommended that within the context of the present Action Plan, a regional project be developed to overcome gaps for the Mediterranean countries, and strengthen the capacities of the countries to reduce the transfer of aquatic organisms via ships' ballast water and sediments and hull fouling. For elaborating and implementing the regional project, it is necessary to work closely with the IMO and the joint GEF-UNEP-IMO ballast water management programme.



Aim of MAMIAS

- To provide a qualified geo-referenced system on marine alien species in the Mediterranean available online;
- To provide the tools for the exchange of data and information among the scientific community , environmental managers, students and all concerned;
- To serve as a gateway for the rapid circulation of information on new introductions of species;
- To serve as a node in the Global Information System for invasive species, or Regional activities (ESENIAS);







HOME SPECIES DIRECTORY DATABASE SEARCH INVASIVE SPECIES COUNTRY STATISTICS SPECIALISTS LINKS MORE CONTACT

Database Search

UNEP RAC/SPA

by Ecofunctional Group
by Taxonomic Group
by Year
Species Distribution
Literature Search

Mediterranean Alien Species Database

taxonomic group

taxonomic group from the list below.

- Annelida
- Arthropoda
- Brachiopoda
- Bryozoa
- Cercaria

Export as Excel

Project Team: Daniela Schmalzer, Giovanni Bani, Costantino Talamone, Roberto Scatena, Heidi Galim, Nicola Baratti, Tommaso Agui, Andrea Pini, Co-ordinator: Agnese Davata, Project Administrator: IT Manager

in collaboration with



Invasive Species (IAS)

An alien species whose introduction and/or spread threaten biological diversity (CBD definition). Factsheets of the following invasive alien species provide information on their biology, ecology, habitat and distribution as well as on their impact in the recipient ecosystem and ecosystem services.

Annelida	<i>Caulerpa taxifolia</i>	<i>Synaptula reciprocan</i>
<i>Branchiomma bairdi</i>	<i>Caulerpa taxifolia</i> var. <i>distachyophylla</i>	Foraminifera
<i>Branchiomma luctuosum</i>	<i>Cladophora cf. patenitriamea</i>	<i>Amphistegina lobifera</i>
<i>Ceratonereis mirabilis</i>	<i>Codium fragile</i> subsp. <i>fragile</i>	Magnoliophyta
<i>Desdemona ornata</i>	<i>Codium parvulum</i>	<i>Halophila stipulacea</i>
<i>Dorvillea similis</i>	<i>Ulva australis</i>	Mollusca
<i>Eunice antennata</i>	Chordata	<i>Anadara kagoshimensis</i>
<i>Floppinatus enghabicus</i>	<i>Apogonichthyoides pharaonis</i>	<i>Anadara transversa</i>
<i>Hydroides dianthus</i>	<i>Atherinomorus forskalii</i>	<i>Aplysia dactylomela</i>
<i>Hydroides elegans</i>	<i>Botryllodes violaceus</i>	<i>Arctutula senhousia</i>
<i>Hydroides operculatus</i>	<i>Didemnum vexillum</i>	<i>Brachidontes pharaonis</i>
<i>Leanome triangularis</i>	<i>Etrumeus tereus</i>	<i>Bulla arabica</i>
<i>Leiomnates indicus</i>	<i>Fistularia commersoni</i>	<i>Bursatella leachi</i>
<i>Leiomnates persicus</i>	<i>Lagoocephalus scleratus</i>	<i>Cellana rota</i>
<i>Nicotinatus mossambicus</i>	<i>Monocosmatus squamiger</i>	<i>Cerithium scabratum</i>
<i>Polydora comuta</i>	<i>Paravococcus mento</i>	<i>Chama pacifica</i>
<i>Prionospio krusadensis</i>	<i>Pempheris vanicolensis</i>	<i>Chromodoris annulata</i>
<i>Prionospio saccifera</i>	<i>Phallusia nigra</i>	<i>Conomurex persicus</i>
<i>Pseudonereis anomala</i>	<i>Plotosus lineatus</i>	<i>Dendostrea frons</i>
<i>Desideropecten nasutus</i>	<i>Thalassidroma melanopus</i>	

UNEP RAC/SPA





THANK YOU
for your attention !!!

**Regional Activity Centre for Specially Protected
Areas (RAC/SPA)**

car-asp@rac-spa.org

www.rac-spa.org

