TAXONOMIC LIST OF THE MEDITERRANEAN

to be used in the trawl surveys

Name of the list: TM

The present list is destined to code the marine species encountered in the Mediterranee. It has been built following the principle used in the Nordic Code Centre (Stockholm). For most of the species the codes are identical to those proposed by the NCC. However some species can be coded differently. In addition numerous Mediterranean species are not included in the NCC code and have been added. So the present list is specific. It has to be referred as the TM list (Taxonomic list not only Faunistic, FM list).

The first fish list has been established accordingly to the following work:
Hureau J.C. et Monod T. (réd.) (1973) - Catalogue des poissons de l'Atlantique du nord-est et de la Méditerranée. Unesco, Paris, Vol I, xxii + 683 p.; vol II, 331 p. [réimpression comprenant le Supplément 1978, par E. Tortonese et J.C. Hureau (réd), en 1979]. The reference of the species following this work is reported as "C" (for Clofnam) in the column "Source" with number which is attributed to this species in the Catalogue in the column "Reference".

This list has been increased with reference to the following works:

The reference of the species coming from this book is reported as "F" (for FAO) in the "Source" with the reference given to this species. Important reference are also the three volumes of FNAM: Whitehead et al., 1984, 1986 (W).

For most of the Invertebrates, the species have been named accordingly to the following works:

The references to these works are mentioned as Z and R respectively in the column "Source" (see other references below).

Until 2011 the source file of this list was located at the "Ecologie et modèles pour l’halieutique" Department of Ifremer in Nantes.

In 2012 the list has been reviewed by Società Italiana di Biologia Marina (prof. Giulio Relini and dr.Alessandro Mannini) following the subdivision in the following main categories:

A = Fishes, B = Crustaceans (Decapoda, Cirripedia, Eufau siaeaca, Isopoda, Stomatopoda,), C=Cephalopods, D =Other commercial (edible) species, E =Other animal species but not commercial (not edible) for this classification the main reference Fisher et al. 1987, *Fiches FAO d'identification des espèces pour les besoins de la pêche Méditerranée et mer Noire*. mimeo

Six more categories were added:
- G = Portions or products of animal species (shell debris, eggs of gastropods, selachians, etc.);
- H = Portions or products of vegetal species (e.g. leaves of sea grasses, of terrestrial plants, etc.);
- M= Mammalia (mammals); - O = Aves (birds);
- R = Reptilia (turtles); - V = Plantae (vegetals).

The categories A, B, D, E were sub-divided in the following subcategories:

- Aa = Fish Agnatha;
- Bam = Amphipoda;
- Bis = Isopoda;
- Dec/Eec = Echinodermata;
- Dtu/Etu = Tunicata;
- Ebr = Bryozoa;
- Ect = Ctenophora;
- Emp = Polyplacophora;

- Ae = Fish Chondrichthyes;
- Bei = Cirripedia;
- Bst = Stomatopoda;
- Dmb/Emb = MolluscaBivalvia;
- Ean = Annelida;
- Ech = Echiura;
- Een = Enteropneusta

- Ao = Fish Osteichthyes;
- Beu = Euphausiacea;
- Beu = Euphausiacea;
- Eba = Brachiopoda;
- Ecb = Echiura;
- Ehi = Hirudinea;
- Epo = Polychaeta;
- Epr = Priapulida; - Esc = Scaphopoda; - Esi = Sipuncula; - Esp = Porifera (sponges).

In addition the following codes were added (column ‘Remarks’ in the list):

AL = alien species
Δ = species not yet recorded in the Italian seas.
ΔΔ = species not yet recorded in the Mediterranean Sea

CODLON represents the Length classes code: m = 1 mm; 0 = 0.5 cm; 1 = 1 cm.

In the column “GSAs” are referred the GSAs in which the taxon was recorded.
In the column ‘Year’ of the table is reported the year in which the species was recorded for the first time.

Other new codes for new species could be added.
It was decided do not consider species lower than 1 cm like Isopoda, Amphipoda, small Polychaeta etc. For the moment the species listed in the previous version (Relini et al., 2008) are maintained.
It was decided for the moment to maintain, when applicable, two codes for one species and to avoid the presence of the same code for different genus (the first 4 letters of the species code). The species (taxon) codes included in the data tables are based on the TM list. So, to maintain the consistency of the data series, they cannot be changed even if a species name is reviewed.
The codes are reported in alphabetical order in the list.

Codes of source column are:
C = Clofnam (Hureau and Monod, 1973);
F = Fisher et al., 1987;
G = Golani et al., 2002;
P = Guerra, 1992;
R = Riedl, 1968 (Italian editions 1991);
T = Tortonese, 1965;
Y = Galil et al., 2002;

All the problems dealing with the list and in particular introduction of new species will be managed by the following WG: Relini Giulio (leader), Evgenia Lefkaditou Massutì Enric, Jadaud Angelique and Maiorano Porzia. Proposals for new species will be sent to Giulio Relini (See Sheet for proposal).
To know the valid scientific name of species present in Italian seas the main reference is the checklist of Fauna and Flora of Italian seas (Relini, 2008; 2010). WoRMS (World Register of Marine Species) was checked for updating the scientific name, when applicable.

Regarding the alien species the recent papers by Galil (2011) and Zenetos et al. (2012) have been taken into account.

References