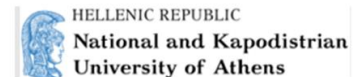




CINEA/EMFAF/2021/3.1.2/03/SC04/SI2.881222

*Specific Contract 2021/3.1.2/03/SC04*

Hosting, maintenance and further development of the Regional Database for the  
Mediterranean and Black Seas



17<sup>th</sup> MEDIAS Coordination Meeting  
9-11 April 2024, Palermo



1. MEDIAS database structure  
*Acoustics, Pelagic trawl, CTDs*
2. Integration with RDBFIS
3. Validation scheme (*acoustics, pelagic trawl*)
4. Consistency check (*R*)
5. Processing (SQL)  
*Abundance, Biomass, Abundance-Biomass*
6. Eggs & Larvae database structure

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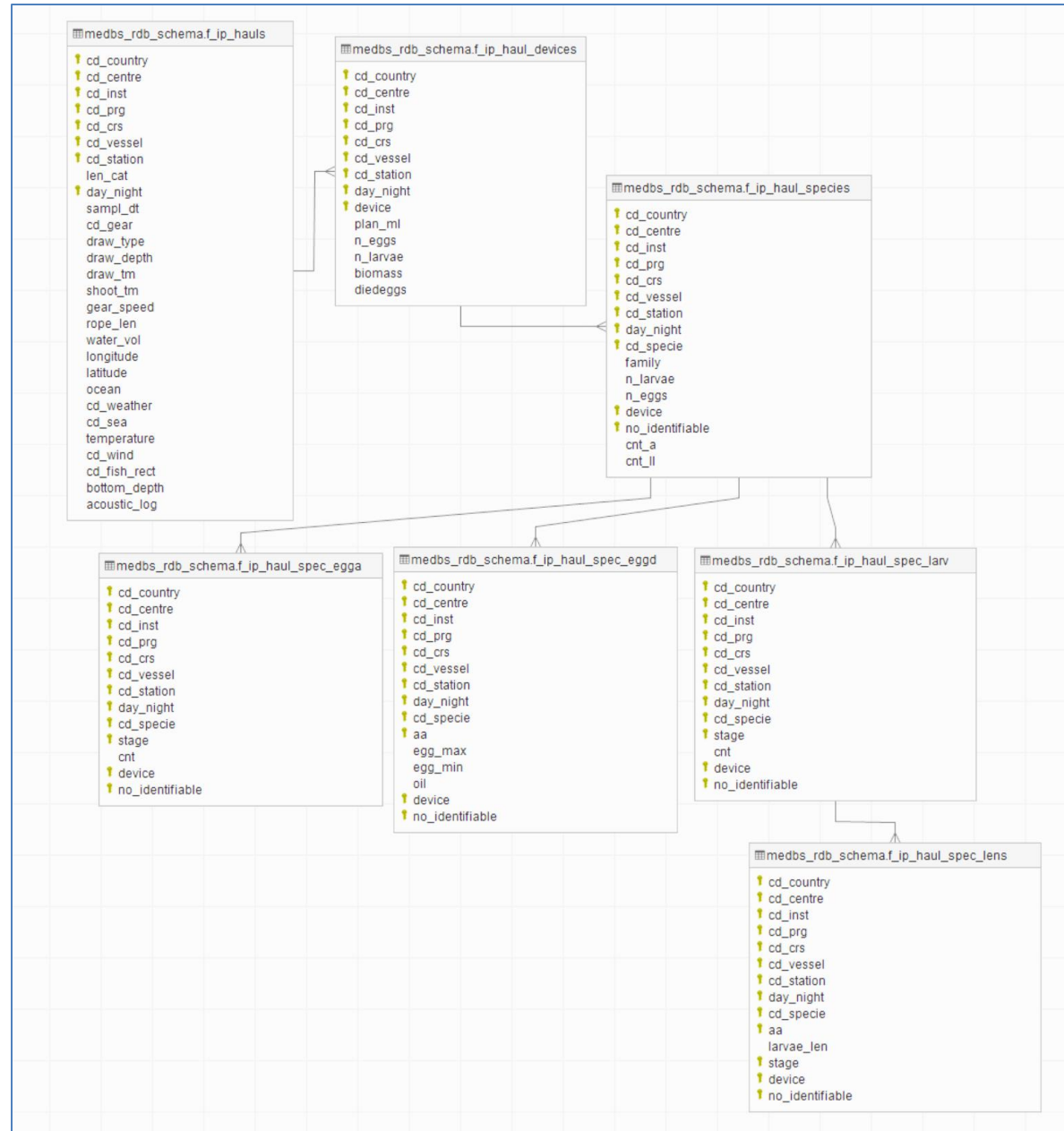
MEDIAS datacall

# RDBFIS: Eggs & Larvae data base structure (existing in RDBFIS)

*In the context of implementing the RDBFIS and particularly within Activity 3.2.5 (Data entry forms and data elaboration routines), the development of data entry forms for **Eggs&Larvae**, PETS, alien species and recreational fisheries commenced*

## **Eggs & Larvae database structure:**

*A workshop with experts is scheduled to be organized, with the aim of adapting the structure to meet contemporary needs*



# RDBFIS: Eggs & Larvae data entry form (an example from IMAS-Fish)

FFFE E. Larval

Company: EAKEOE User: DB Administrator

**Larval Haul**

|                 |       |                   |  |             |  |            |  |
|-----------------|-------|-------------------|--|-------------|--|------------|--|
| Country         | GRC   | Sampling Date     |  | Longitude   |  | Latitude   |  |
| Centre          | HCMR  | ShootingTime      |  | Temperature |  | Fish Rect. |  |
| Institute       | IMBR  | Draw Time (min)   |  | Draw Depth  |  | Draw Type  |  |
| Program         | KRIP  | Gear              |  |             |  | Gear Speed |  |
| Cruise          |       | Water Volume      |  | Rope Len    |  |            |  |
| Vessel          |       | Weather Condition |  |             |  |            |  |
| Length Category | 01-12 | Sea Condition     |  |             |  |            |  |
| Station         |       | Oceanographic     |  |             |  |            |  |
| Acoustic log    |       | Data              |  |             |  |            |  |

Day/ Night Day

**Devices used**

| Devices | Plankton ML | No of eggs | No of Larvae | Plankton Biomass | Died eggs |
|---------|-------------|------------|--------------|------------------|-----------|
|         |             |            |              |                  |           |
|         |             |            |              |                  |           |
|         |             |            |              |                  |           |

**Species composition**

| Species | No of identifiable species | Family | Abundance Num | Diameter Num | Larval Num | Length Num |
|---------|----------------------------|--------|---------------|--------------|------------|------------|
|         |                            |        |               |              |            |            |
|         |                            |        |               |              |            |            |
|         |                            |        |               |              |            |            |
|         |                            |        |               |              |            |            |

**Eggs Abundance per Stage**

| Stage | No of Eggs |
|-------|------------|
|       |            |
|       |            |
|       |            |
|       |            |

**Eggs Diameter**

| Max Diameter | Min Diameter | Oil Diameter |
|--------------|--------------|--------------|
|              |              |              |
|              |              |              |
|              |              |              |
|              |              |              |

**Larval Stages**

| Stage | No of larval |
|-------|--------------|
|       |              |
|       |              |
|       |              |
|       |              |

**Larval Length**

| Larvae Length | Larvae stage |
|---------------|--------------|
|               |              |
|               |              |
|               |              |
|               |              |

*Eggs & Larvae data entry form: an example from IMAS-Fish*



## **Acoustics**

Survey area <- max&mean depth, shape file, url

Geographical stratum <- available info

Species list <- to be updated by experts

## **Pelagic trawl**

Pelagic trawl <- technical specifications

Maturity stages

Species list <- to be updated by experts

More representative L-W a & b parameters (p\_lw)

Suggestions for additional processing routines & mapping



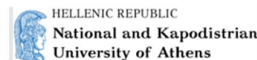
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<http://rdbfis.eu/>



*Significant contribution by*

*Executive Agency for Fisheries and Aquaculture, Bulgaria (Simona Vasileva NICHEVA)*

*Ministry of Agriculture, Directorate of Fisheries, Croatia (Ivana VUKOV)*

*Fisheries Research Unit, Department of Fisheries and Aquaculture, Malta (Jurgen Mifsud)*