# Database of organic juveniles for aquaculture

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A database reporting information on the market availability of juveniles/eggs of fish, crustaceans and molluscs produced and raised organically, has been designed and implemented, taking into account the provision of the current proposal of the EU Regulation on organic farming.



Fig. 1 – screenshot of the homepage of the database

The database is conceived as an open source web-tool with a graphical interface to guide the user (organic operator) in the registration/login operations, search through custom filters, data visualization, print and export of the searches carried out.

Entering data, modification and deletion in the database archives can be managed only by the system manager.

The information can be entered in the database, at the request of the organic operator, by using specific forms (i.e. Application for registration; Request for modification; Request for cancellation).

The database will be updated on demand of the organic operator. The system manager will supervise on the time validity of the information, deleting records no longer available.
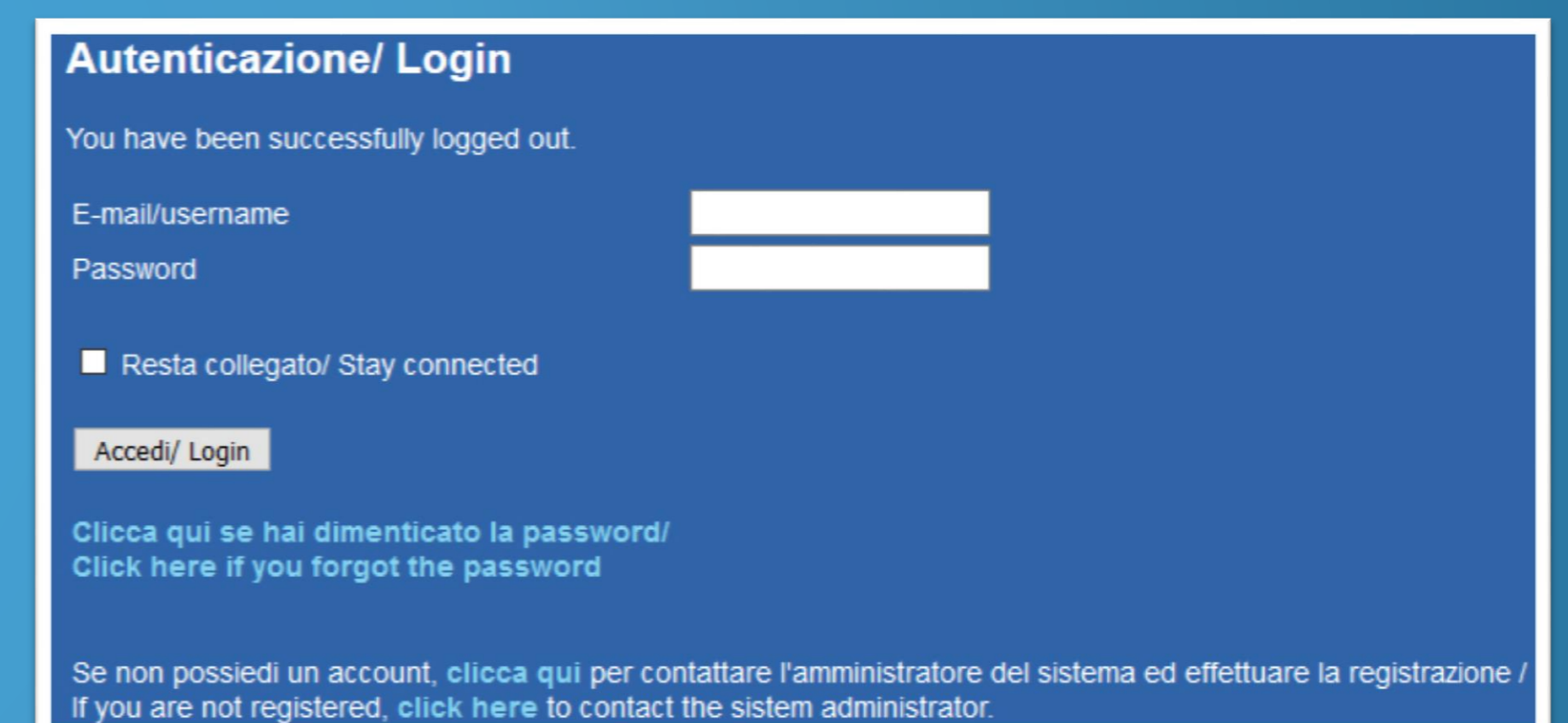


Fig. 2 – screenshot of the login form



Fig. 3 – screenshot of the main menu of the database

**The database provide the following information:**

1. The scientific name of the species, according to the national and English nomenclature;
2. The specification that are eggs or juveniles of fish, crustaceans and molluscs;
3. The date of production, the batch identification and the supposed period of availability;
4. The amount available;
5. The name and details of the producer;
6. The EU code;
7. The country where eggs/juveniles are produced (possibly the GPS position of the farm);
8. The health status (Council Directive 2006/88 EC).

The database is structured in a bilingual way, i.e. the information is entered in the language of the reference country, in addition to the English language.

The database can be centrally managed for all European countries or, alternatively, each individual national database can be managed locally.

| | Codice identificativo/ Identificative code | Uova/Giovanili/ Eggs/Fries | Gruppo faunistico/ Faunistic category | Specie/ Species | Anno/ Year | Da/ From | A/ To | Quantita/ Quantity | Stato sanitario/ Health status | Data di produzione/ Production date | Allevamento/ Aquaculture farm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ☐ | 3 | uova/ eggs | pesci/ fishes | Branzino/ Seabass | 2018 | febbraio/ february | luglio/ july | 2147483647 | categoria I (a) e (b) - Anemia... | 05/04/2018 | BR567 |
| ☐ | 71 | uova/ eggs | pesci/ fishes | Orata/ Seabream | 2018 | agosto/ august | novembre/ november | 33333 | categoria I (a) e (b) - Setticemia... | 01/11/2017 | GL2834 |
| ☐ | 1 | giovanili/ fries | pesci/ fishes | Branzino/ Seabass | 2018 | gennaio/ january | febbraio/ february | 500000 | | 01/11/2017 | BR567 |
| ☐ | 2 | giovanili/ fries | molluschi/ molluscs | Mitilo mediterraneo/ Mussel | 2018 | aprile/ april | giugno/ june | 2147483647 | categoria I (a) e (b) - Infezione... | 01/01/2018 | BR567 |
| ☐ | 70 | giovanili/ fries | pesci/ fishes | Salmone/ Atlantic salmon | 2018 | gennaio/ january | giugno/ june | 2147483647 | categoria V - Malattia da virus... | 02/11/2017 | BR567 |
| ☐ | 67 | giovanili/ fries | pesci/ fishes | Branzino/ Seabass | 2017 | novembre/ november | dicembre/ december | 5000000 | categoria I (a) e (b) - Necrosi... | 01/11/2017 | GL2834 |

Visualizza 1 alla 6 di 6 elementi/ Displaying 1 to 6 of 6 items

Fig. 4 – screenshot of information stored in the database