









Pilot citizen science project initiated under the EU project *ViBRANT*

Scope: Record coastal (fish) biodiversity

Target group: divers and snorkellers

Where & when: Greece (mainly Crete), 2011–2012











Concept



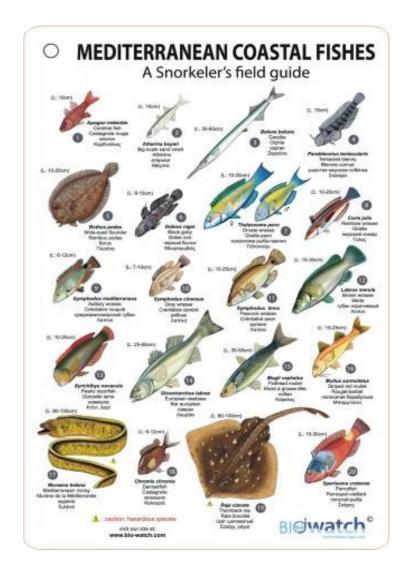




Train interested persons in identifying coastal fish

Offer an easy-to use website to record the data (Drupal)

Analyse how useful the data are for scientific analyses















Motivation for particpants

Learn more about nature

Create scientific knowledge

Acknowledgement in scientific publications

Get in contact with other divers and natural scientists

Get the BIOWATCH fishcard for free







Year 1







Seminars in dive schools by HCMR scientists

Guided dives (underwater training)

Data collection

Questionnaire







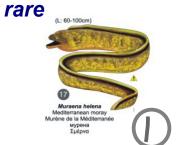




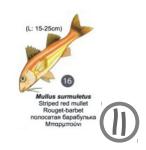




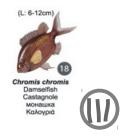




common



very abundant









Year 2







5 diving centres & 1 sailing operator

Train-the-trainers approach

Supervision by HCMR scientists

Cooperation with Cretaquarium, discounts, COMBER tours in aquarium











Are you a diver? Do you like nature? Then we need your help! We offer you to participate in an international scientific project to engage amateur naturalists in a process of recording marine biodiversity. It's easy, all we ask from you is your passion for life on earth and a bit of your time before and after your dive.

Follow a short seminar before your dive about the Cretan fish fauna and how to identify different species. Afterwards you will go on a dive accompanied by marine scientists who will teach you how to spot various fish. By using the BioWatch underwater fisheard you will be able to identify the species yourself

During your dive you will identify and record the species you encounter. Your underwater field guide allows you to note down right on the spot which and how many fish you observe.

After your dive, you will share your data through an interactive online-database. We will show you how to create an account on this site to be able to enter your observations. These data, of great value to the scientific community, will be used to assess the state of the marine biodiversity along our coasts... and of course we will acknowledge your efforts in future scientific outcomes!



Using the Blowatch underwater fishcard



Sarah Faulwetter

- My Profile
- My Dives
- Submit a new observation
- Top Contributors
- Download data
- Create content
- ► Administer
- Log out

Who's online

There are currently 1 user an

0 guests online.

Sarah Faulwetter

Internal access only

- Calendar
- Files/Downloads
- Project notes
- To do
- User IP Log



WHAT WOULD YOU LIKE TO DO?

View

Edit



Add a new observation



See my dive log



See the top COMBER observers



Edit my profile



Add a photo to the gallery



Talk to others in the forum



Download all submitted data



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Online users

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OBSERVATION SUBMISSION









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277 Visitors 14 Jul 2011 - 27 Nov 2012

OBSERVATION SUBMISSION

Webform Results Edit







Atherina boyeri Big-scale sand smelt Athérine атерина Αθερίνα











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TOP CONTRIBUTORS

Rank	User	Activity Level	Number of submitted observations
1	Christos Arvanitidis	公公公公公	37 contribution(s)
2	Giorgos Chatzigeorgiou	☆☆☆☆★	22 contribution(s)
3	Sarah Faulwetter	☆☆☆☆★	19 contribution(s)
4	Alexis Glaropoulos	***	13 contribution(s)
5	claregruendel	☆☆☆★★	12 contribution(s)
5	Michael Dahlmeyer	***	12 contribution(s)
6	Charalambos Malimoglou	***	9 contribution(s)
7	LENA CHATZIGEORGIOU	***	8 contribution(s)
7	Vasilis Valavanis	☆☆☆★★	8 contribution(s)
8	Thanos Dailianis	***	7 contribution(s)
8	Nancy Prentiss	***	7 contribution(s)
9	Kerry Gruendel	1,1,1,1,1	5 contribution(s)



Lessons learned







Time-consuming for HCMR staff

Entering data online on-the-spot difficult

Conflicts with schedule of dive centres

Heterogeneous user groups with different skills

Low participation by diving schools







Top-down approach















Conclusions, plans & Considerations for CIGESMED













HCMR provides software & guidance







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Increase "citizen science awareness" in Greece







HCMR provides software & guidance

Increase "citizen science awareness" in Greece

Quality control of data, data analyses







HCMR provides software & guidance

Increase "citizen science awareness" in Greece

Quality control of data, data analyses

Include all taxa – use Scratchpads







http://www.scratchpads.eu

- Developed & maintained by NHM, London
- Social networking application
- Allows researchers to manage, share and publish taxonomic / biodiversity data
- flexible, customizable
- standard compliant (e.g. DarwinCore)
- based on Drupal











Taxonomy



Dive - Observe - Record - Share

Search.

SEARCH

Contact us Report abuse Help

NEW RECORD

YOUR RECORDS NEW ACTIVITY

ACTIVITIES FISHES MEDIA GALLERY SPECIMENS

Home » Administration » Content » Create Specimen/Observation

Create Specimen/Observation



Home New Record Your Records New Activity Activities Fishes Media gallery Specimens S





Scratchpads





