

ECOTAXA

Manual

Quantitative Imaging Platform of Villefranche sur Mer (PIQv)

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<http://piqv.imev-mer.fr>

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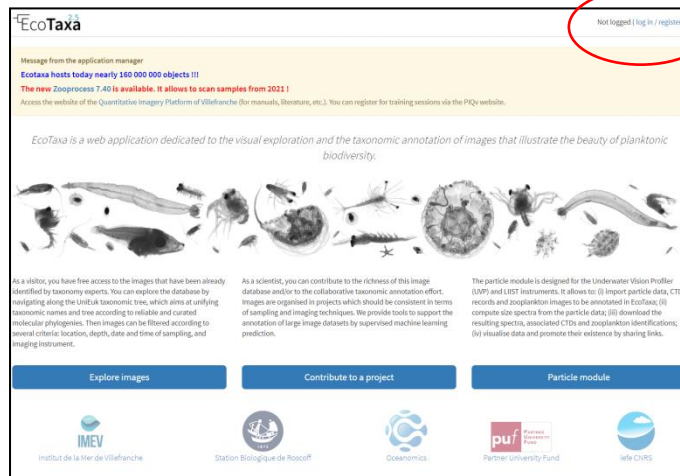
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1 Registration

Go to Ecotaxa application : <https://ecotaxa.obs-vlfr.fr/>

Click on "log in / register", then on "Create your Ecotaxa account":



Fill in the form:

Create an EcoTaxa account

First name *

John

Last name *

Doe

Email address *

john.doe@foo.edu

Password *

Type your password

Password confirmation *

Retype your password

Warning: This server does not use encrypted communication (https) for performance reasons. This means that your password can be collected by a third party spying on the connection. Be careful which password you use here.

Organisation *

Select from the list or type a new name

Country *

Planned usage of EcoTaxa

☐ I agree with the following usage conditions: *

- I will make a reasonable use of the resources of this system.

- I accept that my annotation activity and statistics are tracked and shared with the members of the projects I participate in and the EcoTaxa team, for the application to function.

Required fields

✓ Create me

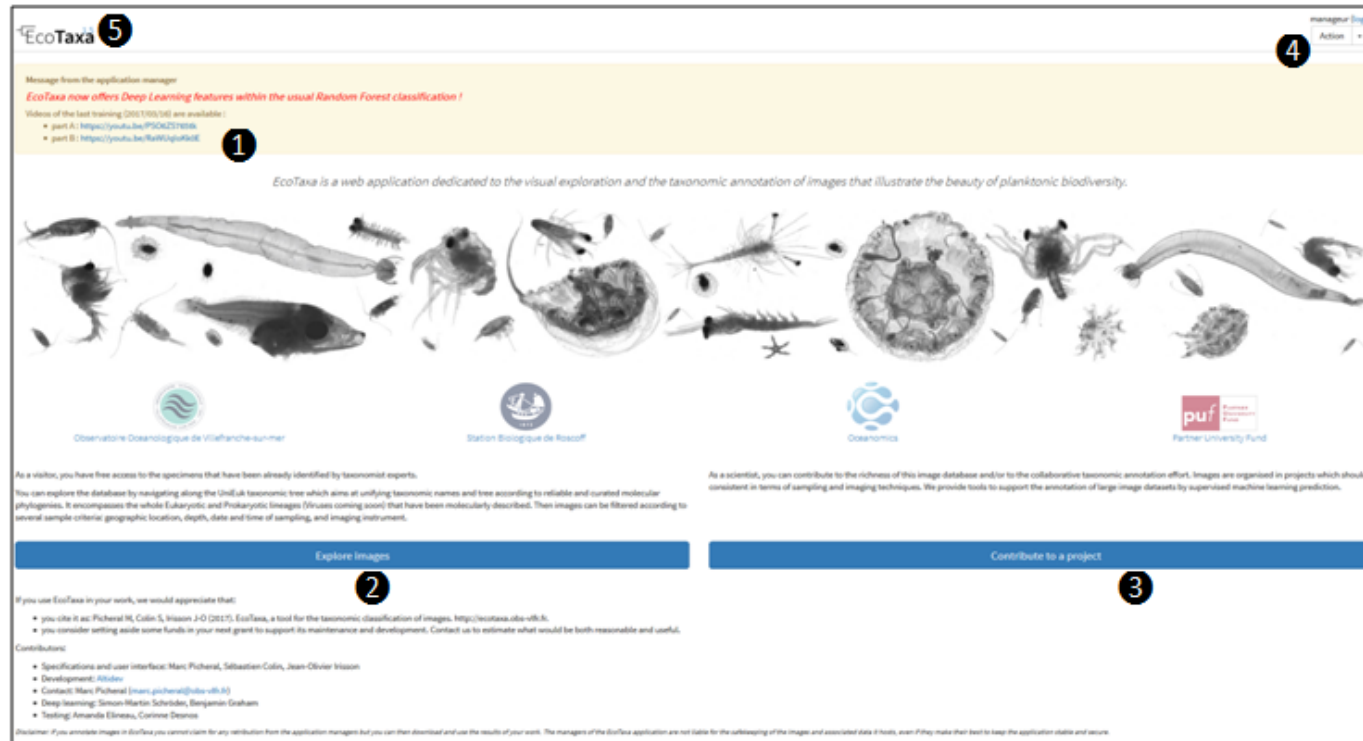
Cancel

In case of problem with this registration page, please email one the following persons so that they can create an account manually for you:

- PIQv (piqv@obs-vlfr.fr)

2 Presentation of Ecotaxa

2.1 Main page



1 Video Tutorial

2 Explore images

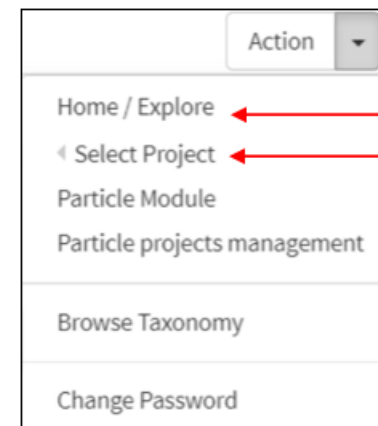
- no need to have an account to access to this function

3 Contribute to a project

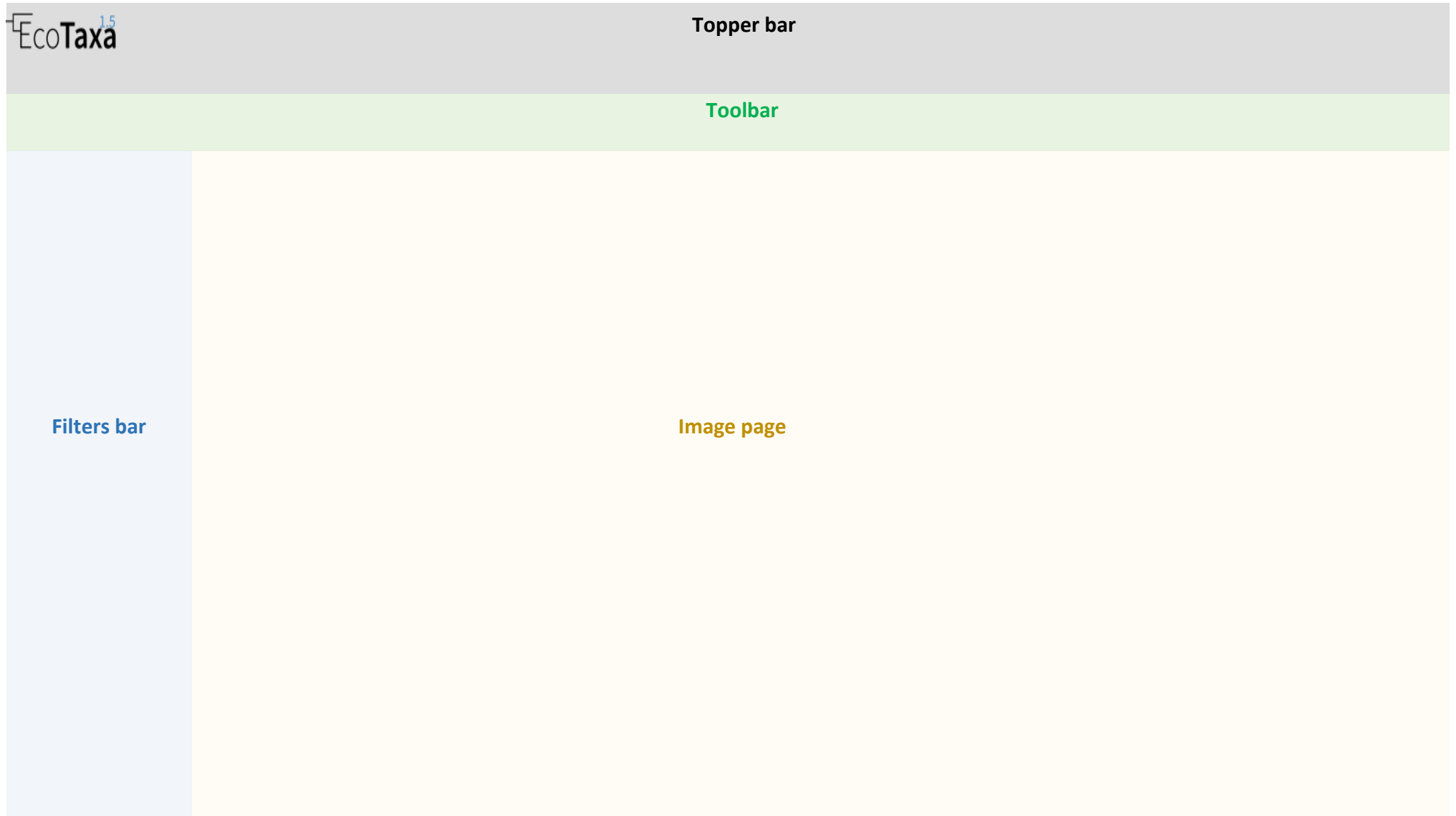
- need to have an account to access to this function

4 "Action" button

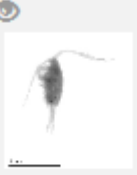




5 Shortcut to the main page



2.2 How is built an Ecotaxa window ?



2.3 Status of images

Status of the images	Action	Status color
Unclassified	Image just uploaded into the project	 None
Predicted	Image just predicted by learning	 Centropagidae
Validation in process	Image not yet validated, just assigned	 Centropagidae (Calanoida)
Validated	Image validated	 Centropagidae
Dubious	Image classified in dubious	 Copepoda (Maxillopoda)

All =

Unclassified + Predicted + Validated + Dubious

Not Validated =

Unclassified + Predicted + Dubious

Classified =

Predicted + Validated + Dubious

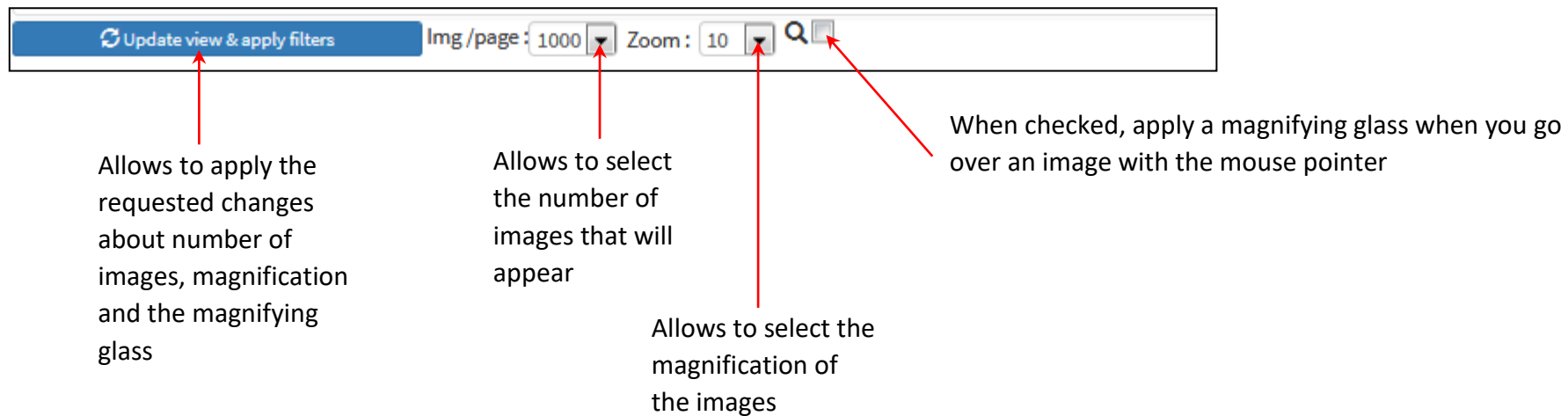
3 Explore images page

Viewing a batch of validated images taken randomly from all projects (around 1000 images) hosted on Ecotaxa

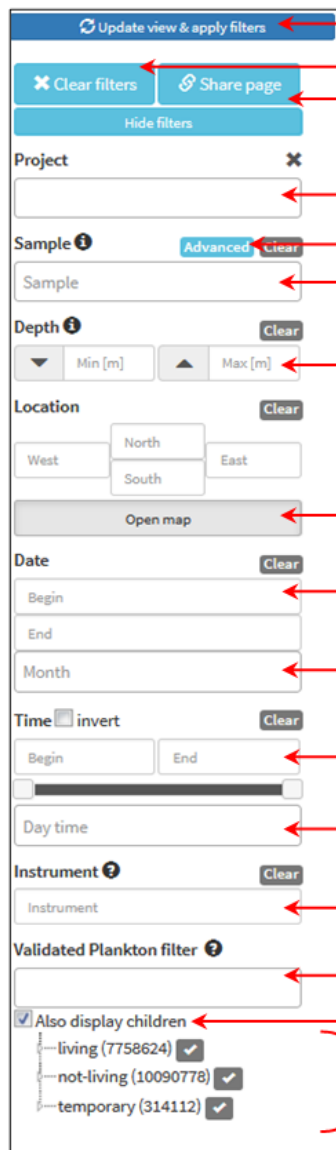
3.1 Topper bar



3.2 Toolbar



3.3 Filters bar



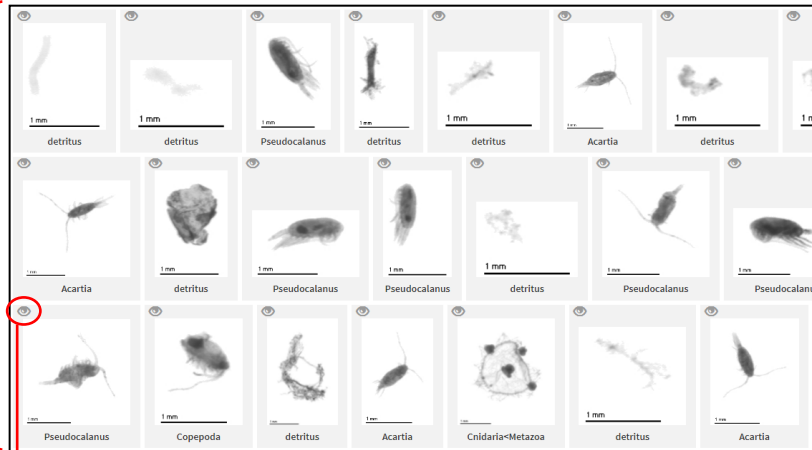
The filters bar is a vertical sidebar on the left side of the interface, containing various filter categories and their corresponding input fields. Red arrows point from the text descriptions on the right to the specific UI elements in the filters bar.

- Update view & apply filters**: Allows to apply the selected filters on the Image page (see below)
- Clear filters**: Allows to clear all the selected filters (see below)
- Share page**: Allows to share the page with your applied filters (also works for a recipient without Ecotaxa account)
- Hide filters**: A button to collapse the filters bar.
- Project**: Allows to select a specific project in all hosted projects on Ecotaxa
- Sample**: Allows to select several samples in the selected project
- Sample**: Allows to select one specific sample in the selected project
- Depth**: Allows to select all the images depending to a depth interval of sampling
- Location**: Allows to select all the images depending to a specific area of sampling
- Date**: Allows to select all the images depending to a date interval of sampling
- Month**: Allows to select all the images depending to a specific month of sampling
- Time**: Allows to select all the images depending to a time interval of sampling
- Day time**: Allows to select all the images depending to a specific time of sampling
- Instrument**: Allows to select all the images depending to a specific instrument/Click on the question mark to see the list
- Validated Plankton filter**: Allows to select all the images depending to a specific taxa by writing the name
- Also display children**: Allows to select all the images depending to a specific taxa selected + all his children when checked
- living (7758624)**, **not-living (10090778)**, **temporary (314112)**: Allows to select all the images depending to a specific taxa using the tree of life

NB: Some filters can be combined

3.4 Image page

Result of the selected filters



If you click on the eye, you have more details of object

Open in a separate window (right click to copy link)

Project: [Zooscan_OS82049](#) (managed by : Yoshiyuki Abe)
To report a mistake, contact [Yoshiyuki Abe](#)

Classification :
Pseudocalanus
Pseudocalanus < Clausocalanidae < Calanoida < Copepoda < Maxillopoda < Crustacea < Arthropoda < Metazoa < Holozoa < Opisthokonta < Eukaryota < living (id=80135)
validated on 2018-09-07 16:46:57.342148

Complementary information ([edit](#)):
Image list : 1

1 mm

Object details Sample details Acquisition details Processing details Classification change log Map

longitude	-165.35667	latitude	58.76667	Date	1985-07-04
Depth min	0.0	Depth max	29.0	Classif auto	Pseudocalanus (0.880)
Object #	80702429	Original Object ID	82049_d16c_1_103		
lat_end		lon_end		area	5315
stddev	44.91	mode	238	min	95.00
x	87.80	y	87.33	xm	88.44
perim.	739	bx	13236	by	6671
height	545	width	103	image	65.00

Allows to zoom when you pass your mouse in the image

Allows to open a map that shows where the image was sampled

Allows to see the historical classification

This four tabs correspond to the columns of the .tsv table : "object_" + "acq_" + "process_" + "sample_"

4 Contribute to a project page

4.1 Main page

See chapter 2.3

Total
number of
objects: all
statuses
combined

% of objects
with the
validated status

% of objects
with the
validated +
predicted +
dubious status

See the chapter 5.4.1

Number ID of the
project into Ecotaxa

	Title [ID]	Status	Nb objects	% validated	% classified
Select	Zooscan point B Juday Bogorov 300 2012 [163] Amanda Elineau	Annotate	19153	84.34	100.00
Select	Zooscan point B Juday Bogorov 300 2013 [164] Amanda Elineau	Annotate	24398	12.75	100.00
Select	Zooscan point B Juday Bogorov 300 2014 [165] Amanda Elineau	Annotate	41405	16.37	100.00
Select	Zooscan point B Juday Bogorov 300 2015 [127] Amanda Elineau	Annotate	23330	100.00	100.00
Select	Zooscan point B Juday Bogorov 300 2016 [16] Amanda Elineau	Annotate	20530	100.00	100.00
Select	Zooscan point B Juday Bogorov 300 2017 [335] Corinne Desnos	Annotate	25542	100.00	100.00
Select	Zooscan point B Juday Bogorov 300 2018 [757] Corinne Desnos	Annotate	31514	95.90	95.90
Select	Zooscan point B Juday Bogorov 300 2018 journée [748] Corinne Desnos	Annotate	22831	95.02	95.02

Show projects in which you are not registered

The contact person of the
project, you can send an email
by clicking on the name

Allows to access to
the whole list of
projects

4.2 Access to the whole list of projects hosted into Ecotaxa

By clicking on the View button, you can access to the project with a viewer status (see chapter 5.2)

See the chapter 5.4.1

See chapter 2.3

Total number of objects: all statuses combined % of objects with the validated status % of objects with the classified status

Other projects

To have access to these projects, request access to the project manager.

		Title [ID]	Status	Nb objects	% validated	% classified
REQUEST ACCESS	View	[690] Yoshiyuki Abe	Annotate	0	0.00	0.00
REQUEST ACCESS	View	1_Learning_set_mn_lrg [466] Rainer Kiko	Annotate	13737	99.94	100.00
REQUEST ACCESS	View	1_Learning_set_mn_med [465] Rainer Kiko	Annotate	14637	100.00	100.00
REQUEST ACCESS	View	1_Learning_set_mn_sml [848] Rainer Kiko	Annotate	26927	100.00	100.00
REQUEST ACCESS	View	1_learning_set_UVP [499] Rainer Kiko	Annotate	31196	100.00	100.00
REQUEST ACCESS	View	2017-02-26_01_07_51.420 [765] Alessandra Gomes	Annotate	4	0.00	100.00
REQUEST ACCESS	View	20181018 [1352] chang tan	Annotate	0	0.00	0.00
REQUEST ACCESS	View	2_uvp5_learning_set_extension [970] Rainer Kiko	Annotate	47224	26.50	100.00
REQUEST ACCESS	View	_Modele_Zooscan [1040] Laetitia Jalabert	Annotate	1456758	100.00	100.00
REQUEST ACCESS	View	ACIDD IFCB - UCSB [915] Sasha Kramer	Annotate	0	0.00	0.00

The contact person of the project, you can send an email by clicking on the name

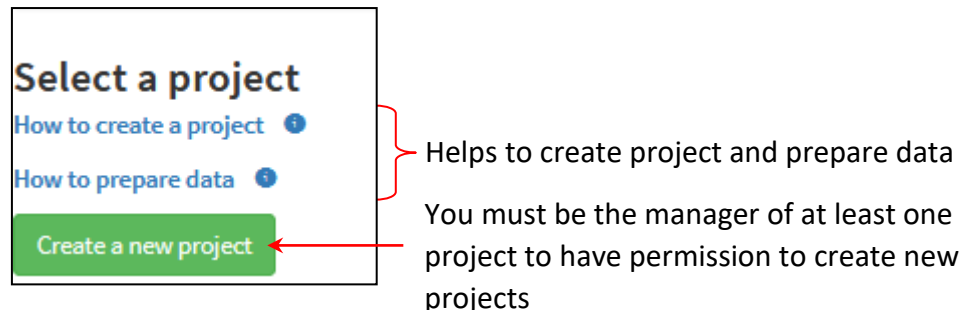
By clicking on the Request Access button, you will send an automatic email to the manager of the project to ask an access

5 My project

5.1 Create a new project

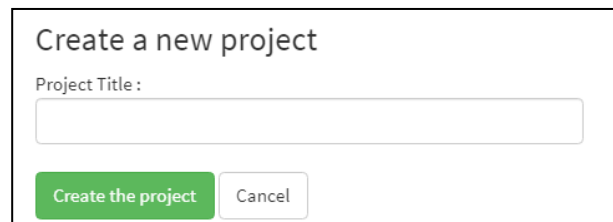
Note: This step is possible only if you have **project creator status**. You can ask it at: piqv@imev-mer.fr

Go to the main page of "contribute to a project"



Choose a project title

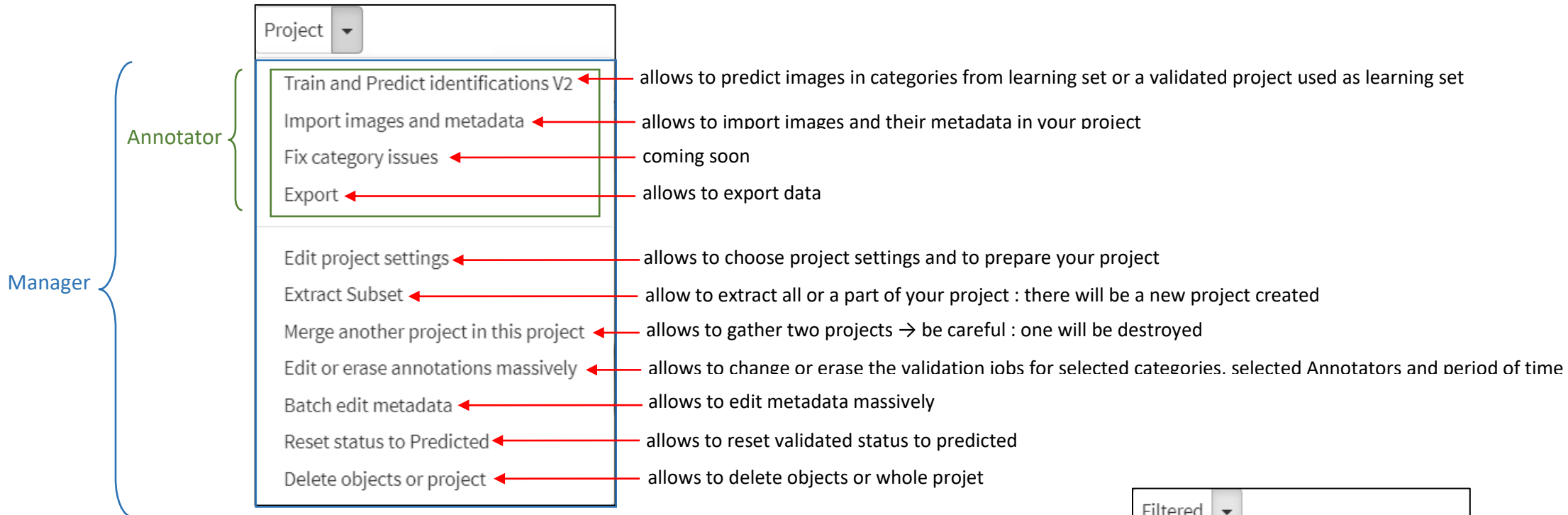
N.B.: the project title must start with the name of the imaging instrument used to acquire the images (Zooscan, UVP, Zoocam, Flowcam, IFCB,...)



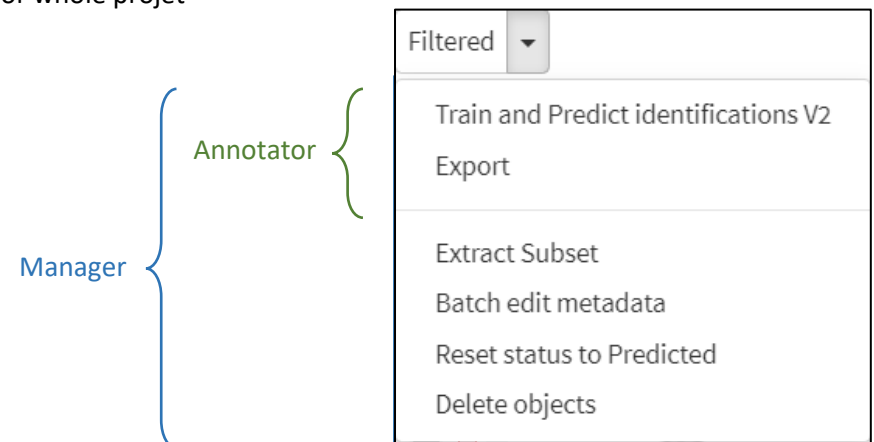
The screenshot shows a form titled "Create a new project". It has a label "Project Title :" followed by a text input field. At the bottom of the form, there are two buttons: a green button labeled "Create the project" and a white button labeled "Cancel".

5.2 The different rights according to projects (viewer, annotator, manager)

- Viewers can view the project even when it is private; the project is listed in their project list
- Annotators can predicts, import images and metadata, classify objects and export data
- Managers have the same rights as annotators but they can edit project settings, create subset, merge projects, edit metadata, reset status of images and delete objects or project
- The contact person is a Manager, displayed in the project table and serving as the contact point for other users and EcoTaxa's managers



This tools can be used for whole project or just predefined filters:



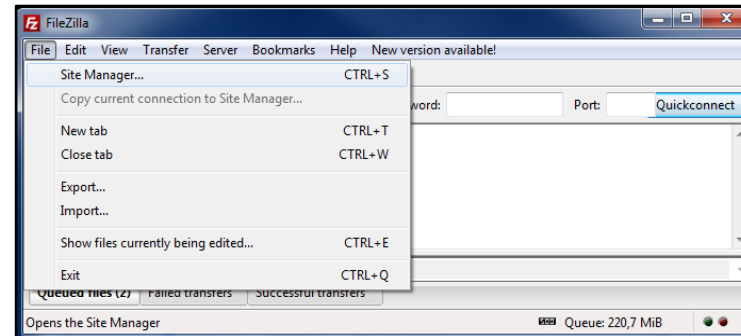
5.3 Import Images and/or Metadata

Note: This step is possible only if you are **Manager or Annotator** (see chapter 5.2)

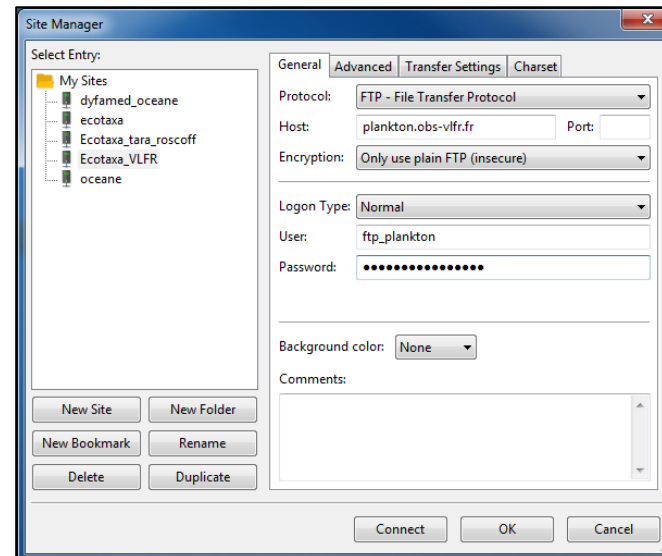
5.3.1 File Transfer Protocol FTP

5.3.1.1 FTP connexion

- Download and install FileZilla (<https://filezilla-project.org/>)
- Select File > Site Manager...

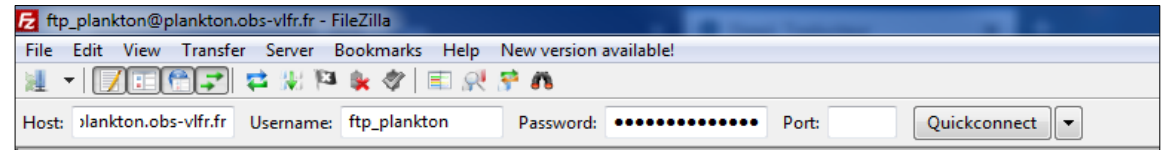


- Create a New Site called : Ecotaxa_VLFR
- In General tag :
 - Host : plankton.obs-vlfr.fr
 - Protocol : FTP – File Transfer Protocol
 - Encryption : Only use plain FTP (insecure)
 - Logon Type : Normal
 - User : ftp_plankton
 - Password : Pl@nkt0n4Ecotaxa



- NB: You will have a direct access by the main window

Host: plankton.obs-vlfr.fr
 Username: ftp_plankton
 Password: Pl@nkt0n4Ecotaxa



5.3.1.2 Procedures and organization of data into FTP

FlowCam & ZooScan

- Create a folder starting with your Institute name
- Drag and drop in this folder:

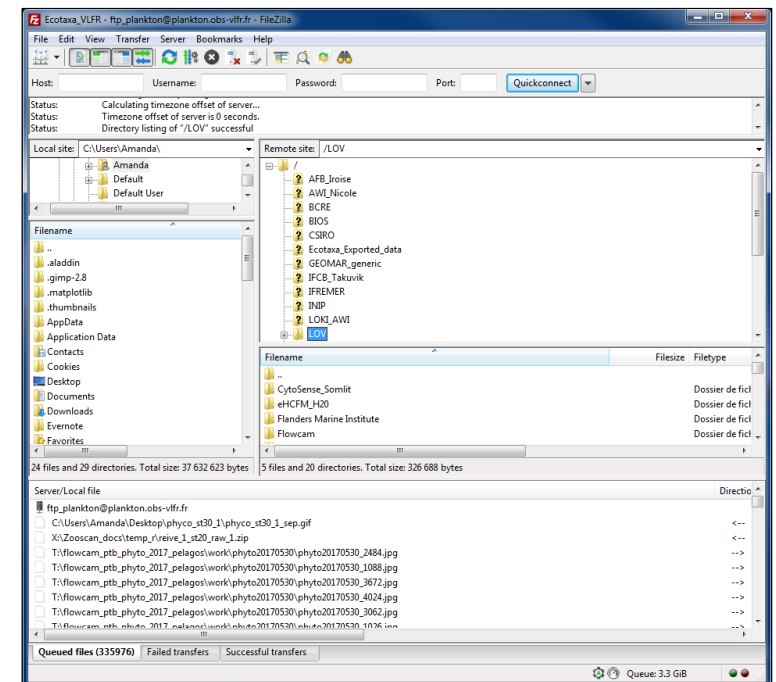
*Not validated data:

the **_work** folder from your Zooprocess project

*Validated data (from PKId):

the **ecotaxa** folder from your Zooprocess project

NB: Check that all your metadata have been correctly documented before this step.



UVP

- Create a folder starting with your Institute name
- Drag and drop in this folder your WHOLE PROJECT. It will permit to import both the images and the particle data in the Particle module of Ecotaxa.

NB: Check that all your metadata have been correctly fill in before this step.

5.3.1.3 Memory management

After the importation and the checking of your data in Ecotaxa, delete your folder from the FTP.

- ➔ Anyone having these writing permissions on our FTP can load and download any data from this FTP. It is thus IMPORTANT to remove your data as soon as it has been imported into Ecotaxa.

5.3.2 Import Images + Metadata

5.3.2.1 Maintain PkID Validation

You have some projects already predicted/classified with PkID and you want to export them into Ecotaxa keeping the classification. (If your projects are unclassified, see directly the next chapter).

At this step:

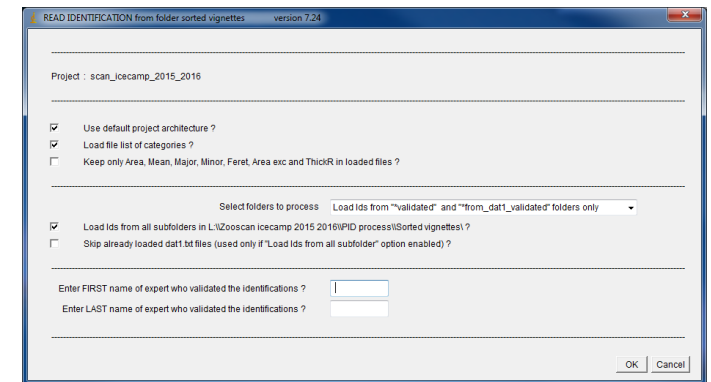
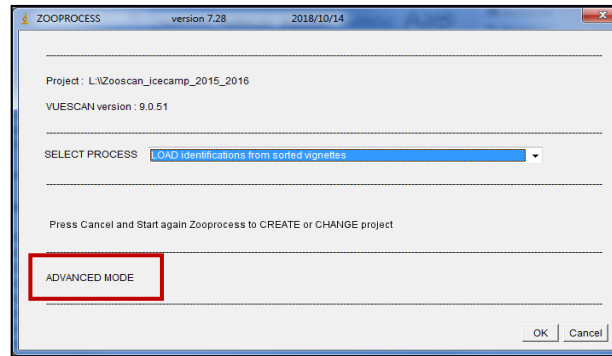
- There is 1 dat1.pid file per sample in the folder: Zooscan_nameoftheproject/PID_process/Pid_results
- There is 1 subfolder called “nameofthesample_ **validated**” in the folder:
Zooscan_nameoftheproject/PID_process/Sorted_vignettes
In each subfolder you have all the images .jpg + 1 .txt file called “Analysis_nameofthesample_dat1.txt”

NB: The number of objects between the pid file and the Analysis txt file **must be** the same

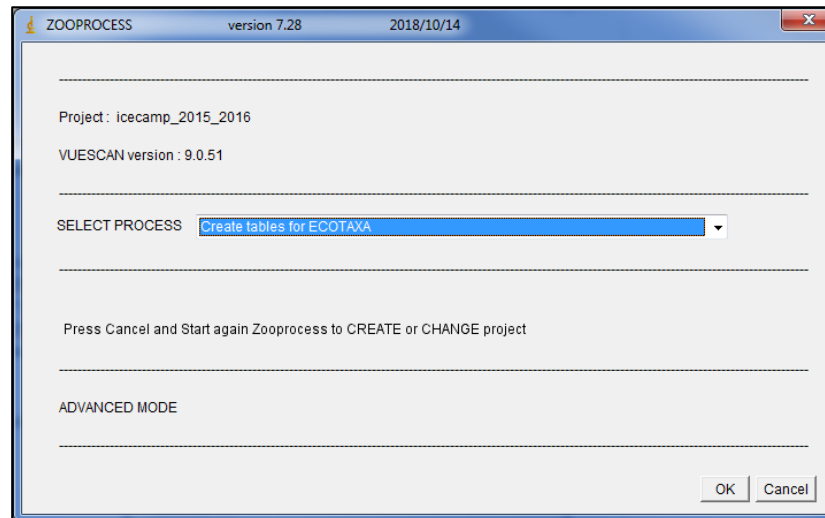
Open Zooprocess in Advanced Mode:

- Load identifications from sorted vignettes

It will create 2 .txt files per sample in the folder:
Zooscan_nameoftheproject/PID_process/Pid_results/
Dat1_validated



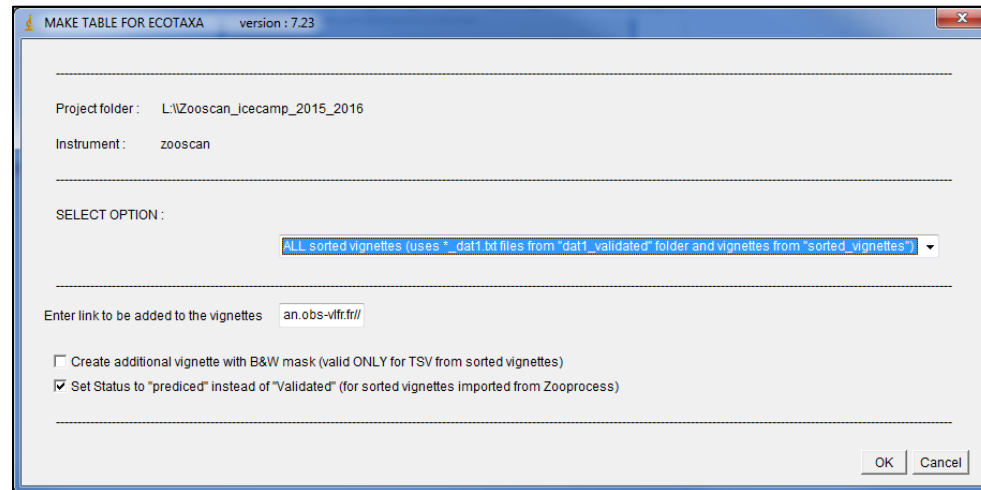
- Select Create tables for Ecotaxa



- Select ALL sorted vignettes (uses*_dat1.txt files from “dat1_validated” folder and vignettes from “sorted_vignettes”)

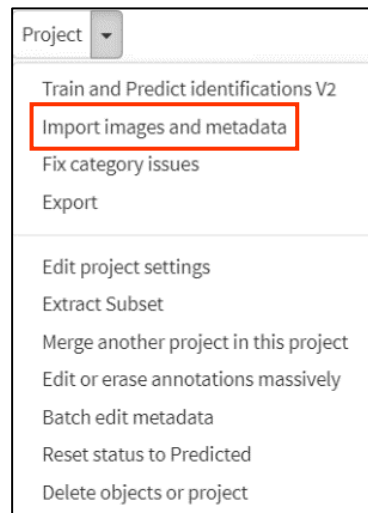
It will create 1 subfolder per sample in the folder:

Zooscan_nameoftheproject/ecotaxa

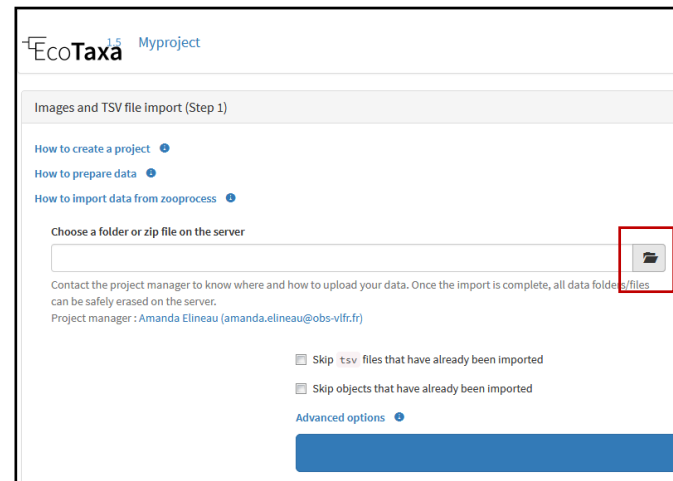


5.3.2.2 Importation procedure into Ecotaxa

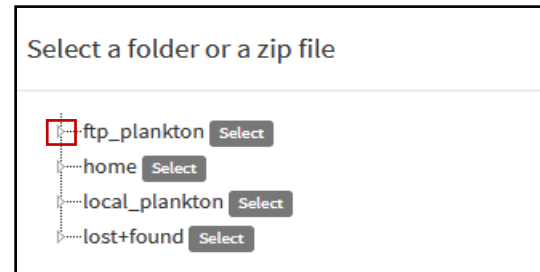
- Put your images + tsv files on the FTP: see chapter 5.3.1.
- Select Project > Import images and metadata



- Select the folder icon



- Access to your folder by clicking on the arrow ftp_plankton
- For FlowCAM, ZooScan and UVP5:
Open your project by clicking on the arrow
Then you can **select the work or ecotaxa folders** that you imported.



- Once folder selected, click on “Start import Images and TSV files” button

Choose a folder or zip file on the server

FTP/Ecotaxa_Data_to_import/_work



Contact the project manager to know where and how to upload your data. Once the import is complete, all data folders/files can be safely erased on the server.

Project manager : xxx



☐ Skip **tsv** files that have already been imported

☐ Skip objects that have already been imported

Advanced options ⓘ

Start import Images and TSV files

5.3.3 Import Images only

Note: This step is possible only if you are **Manager or Annotator** (see chapter 5.2)

- Put your images on the FTP: see chapter 5.3.1.
- Select “Import images and metadata” then “Start Images only”

The screenshot illustrates the 'Import Images only' workflow. On the left, a sidebar menu under the 'Project' dropdown includes options like 'Train and Predict identifications V2', 'Import images and metadata' (highlighted with a red box), 'Fix category issues', 'Export', 'Edit project settings', 'Extract Subset', 'Merge another project in this project', 'Edit or erase annotations massively', 'Batch edit metadata', 'Reset status to Predicted', and 'Delete objects or project'. A red arrow points from the 'Import images and metadata' option to the 'Image Only import' section of the main interface. This section contains the text 'If you have only image and no data file you can use the simple import here.' and a large blue button labeled 'Start Images only'. Below this is the 'Simple import' form. The form's title is 'Simple import', followed by a description: 'This procedure allows to import images in jpg, png, gif (possibly animated) formats. It will associate a fixed & reduced set of metadata, that you can enter below.' It then asks to 'Choose a folder or zip file on the server' with a text input field and a folder icon (highlighted with a red box). Below this is a 'Metadata' section with a table of input fields: 'Image DATE (YYYYMMDD, UTC)', 'Image TIME (HHMM, UTC)', 'latitude (type in -12°06.398 or -12.1066 for 12°06.398 S)', 'longitude (type in -135°05.325 or -135.08875 for 135°05.325 W)', 'Object Depth min (m)', 'Object Depth max (m)', 'Optional annotation category for ALL images' (with a 'search taxon...' dropdown), 'Optional annotator' (with a 'search user...' dropdown), and 'Optional status' (with a dropdown). A red box encloses the entire metadata section, with a red arrow pointing to it from the text 'Fill in the form'. At the bottom of the form is a green button labeled 'Import data' (highlighted with a red box), with a red arrow pointing to it from the text 'Click on the “Import data” button'.

Project

- Train and Predict identifications V2
- Import images and metadata
- Fix category issues
- Export
- Edit project settings
- Extract Subset
- Merge another project in this project
- Edit or erase annotations massively
- Batch edit metadata
- Reset status to Predicted
- Delete objects or project

Image Only import

If you have only image and no data file you can use the simple import here.

Start Images only

Simple import

This procedure allows to import images in jpg, png, gif (possibly animated) formats. It will associate a fixed & reduced set of metadata, that you can enter below.

Choose a folder or zip file on the server

contact the Project manager to get the procedure to upload your data on the server via FTP. Once the import is complete, please manually remove this data from the server.
Project manager :

Metadata

Image DATE (YYYYMMDD, UTC)	<input type="text"/>	Image TIME (HHMM, UTC)	<input type="text"/>
latitude (type in -12°06.398 or -12.1066 for 12°06.398 S)	<input type="text"/>	longitude (type in -135°05.325 or -135.08875 for 135°05.325 W)	<input type="text"/>
Object Depth min (m)	<input type="text"/>	Object Depth max (m)	<input type="text"/>
Optional annotation category for ALL images	<input type="text" value="search taxon..."/> <input type="button" value="📁"/>		
Optional annotator	<input type="text" value="search user..."/>	Optional status	<input type="text"/>

Import data

Select folder icon and select your images folder that you imported in "ftp_plankton"

Fill in the form

Click on the "Import data" button

5.3.4 Update Metadata

Note: This step is possible only if you are **Manager or Annotator** (see chapter 5.2)

- Put your tsv files on the FTP: see chapter 5.3.1.
- Select “Import images and metadata” then “Start re-import TSV files to update metadata and data”

The screenshot illustrates the process of updating metadata in three parts:

- Top Left:** A dropdown menu for 'Project' with 'Import images and metadata' highlighted by a red box. A red arrow points from this menu item to the 'Start re-import TSV files to update metadata and data' button in the dialog below.
- Top Right:** A dialog box titled 'Re-import and Update Metadata'. It contains the text 'If you have already loaded your images and you want update your metadata.' and a large blue button labeled 'Start re-import TSV files to update metadata and data'.
- Bottom Left:** A form titled 'Update MetaData (step 1)'. It includes a 'General help' link, a text input field for 'Choose a folder or zip file on the server', and a folder icon button highlighted by a red box. A red arrow points from this icon to the explanatory text on the right. Below the input field is a note: 'Contact the project manager to know where and how to upload your data. Once the import is complete, all data folders/files can be safely erased on the server. Project manager : laetitia.jalabert@imev-mer.fr'.
- Bottom Right:** A section for 'Advanced options' containing a checkbox 'Allow update of classification data' (highlighted by a red box) and a large blue 'Start import' button (also highlighted by a red box). Red arrows point from these elements to their respective explanatory texts on the right.

Select folder icon and select the work or ecotaxa folders that you imported in "ftp_plankton"

Allows to update the classification data from .tsv table that you are going to import

Click on "Start import" button

WARNING: the PIQv strongly advises not to use these three N.B. and to use the "Import images metadata" -> "Update MetaData" tools

N.B.: 1) You can update data and metadata just for an image:



Open in a separate window (right click to copy link)

Project: "Instrument" MyProject (managed by : Laetitia Jalabert)
To report a mistake, contact [Laetitia Jalabert](#)

Classification :
Unknown

External link : <http://www.zooscan.obs-vlfr.fr/>

Complementary information ([edit](#)):

Image list : 1

1 mm

Set a new classification :

[Save as Validated](#) [Save as dubious](#) [Enable Editing](#) [Close](#)

Click on the eye and after click on "Enable Editing" button

Object details		Sample details	Acquisition details	Processing details	Classification change log	Map	Edit
longitude			7.31567		latitude		
Depth min			0.0		Depth max		
Object #			260698895		Original Object ID		
lat_end			43.69		lon_end		
stddev			43.35		mode		
x			91.63		y		
perim.			1557		bx		
height			338		major		

When you click on the pencil, you can edit the value (here "lat_end")

This is possible also for others tabs (sample + acquisition + processing)

2) You can use the “Project” button → “Batch edit metadata”:

The screenshot shows the EcoTaxa 2.5 interface. On the left, the 'Project' dropdown menu is open, listing various actions. 'Batch edit metadata' is highlighted with a red box. A red arrow points from this option to the 'Project Mass data edition' form on the right. The form has a title bar 'EcoTaxa 2.5 "Instrument" MyProject'. Below the title, it says 'Project Mass data edition' and 'Apply to ALL ENTITIES OF THE PROJECT (NO Active Filters)'. There are two input fields: 'Field to update :' with a dropdown menu showing 'Select your field', and 'New value :'. A red arrow points from the text 'Choose the field you want to change' to the 'Field to update :' dropdown. Another red arrow points from the text 'Enter the new value you want for your field' to the 'New value :' input field. A third red arrow points from the text 'Apply your chosen changes' to the 'Apply MASS data modification' button. Below the input fields is a 'Notes' section with the following text: 'Date must be filled with this format YYYY-MM-DD', 'Time must be filled with this format HH:MM:SS (HH=0-23)', 'Most ID (except orig_id) are internals ID. They can be found in the Object details page', and 'Classif_id update will cause update of classif_who and classif_when and insert a line in historical.'

Project

- Train and Predict identifications V2
- Import images and metadata
- Fix category issues
- Export
- Batch edit metadata
- Reset status to Predicted
- Delete objects or project

Choose the field you want to change

Enter the new value you want for your field

Apply your chosen changes

EcoTaxa 2.5 "Instrument" MyProject

Project Mass data edition

Apply to ALL ENTITIES OF THE PROJECT (NO Active Filters)

Field to update : Select your field

New value :

Apply MASS data modification

Notes

Date must be filled with this format YYYY-MM-DD
Time must be filled with this format HH:MM:SS (HH=0-23)
Most ID (except orig_id) are internals ID. They can be found in the Object details page
Classif_id update will cause update of classif_who and classif_when and insert a line in historical.

3) You can batch edit metadata with just predefined filters rather than whole project

The screenshot shows the 'Filtered' dropdown menu in the EcoTaxa 2.5 interface. The menu is open, showing a list of actions. 'Batch edit metadata' is highlighted with a red box.

Filtered

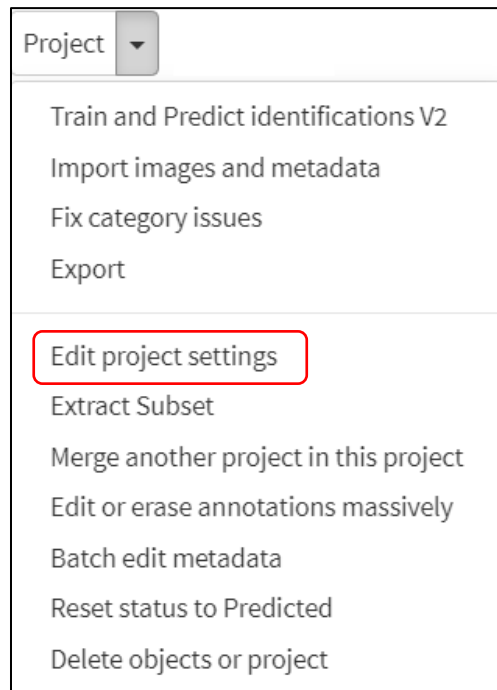
- Train and Predict identifications V2
- Export
- Extract Subset
- Batch edit metadata
- Reset status to Predicted
- Delete objects

5.4 How to prepare my new project? -> Edit project settings (for a manager account)

Note: This step is possible only if you are **Manager** (see chapter 5.2)

At this step you already have created your project and named it (see chapter 5.1)

“Project” button -> “Edit project settings” tool



5.4.1 Status of the project and privileges

Access button to invite new users to work on your project (see chapter 5.2)

Edit project # 3402 - [Edit privileges only](#)

Project Title	<input type="text" value="Zooscan MooseGE 2018 Bongo 200"/>	To modify the project name
Data sharing license	<p><input type="radio"/> CC-0: all registered EcoTaxa users are free to download, redistribute, modify, and build upon the data, with no conditions. Other databases can index the data. The data falls into the worldwide public domain. This is the license preferred by OBIS and GBIF.</p> <p><input checked="" type="radio"/> CC-BY: all registered EcoTaxa users are free to download, redistribute, modify, and build upon the data, as long as they cite the dataset and its authors. Other databases can index the data.</p> <p><input type="radio"/> CC-BY-NC: all registered EcoTaxa users are free to download, redistribute, modify, and build upon the data, as long as they cite the dataset and its authors, and do not use it for commercial purpose ("primarily intended for or directed toward commercial advantage or monetary compensation"). Other databases can index the data.</p> <p><input type="radio"/> Copyright: only contributors to this project have rights on this data. This prevents its distribution in any kind of database.</p> <p><input type="radio"/> Not chosen</p>	
Visible for all visitors (only validated objects)	<input type="checkbox"/>	You can change the status of your project (column status):
Status	<input type="text" value="Annotate"/>	
Project Description	<input type="text"/>	

When it's selected, you give the access to your project to all the users of Ecotaxa like a viewer. A button "VIEW" will appear to the list of the projects (see chapter 4.2)

To give more information about your project

- Annotate: You open the annotation/prediction to your project
- ExploreOnly: You block the annotation/prediction to your project (it will also impact users with annotation rights)
- Annotate No Prediction: you open the annotation but block the prediction

After any changes, you must click on "Save" button to save it at the end of the page:

Save	Cancel, back to project
----------------------	---

5.4.2 Preset of classification list

A preset is a list of classification and you can create it before starting the prediction/annotation. It gives a logical meaning to your list. If you miss this step, the categories will be classified by alphabetic order and will make the classification more difficult. It is important to create some “parents” categories in the preset even if they stay empty to regroup the child categories below.

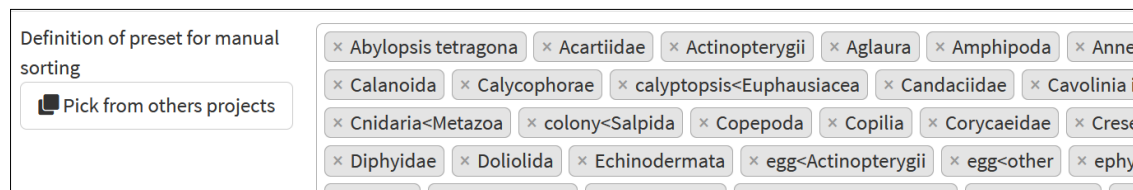
Ex:

▼ Appendicularia	0
Fritillariidae	365
Oikopleuridae	245
head < Appendicularia	21
tail < Appendicularia	111

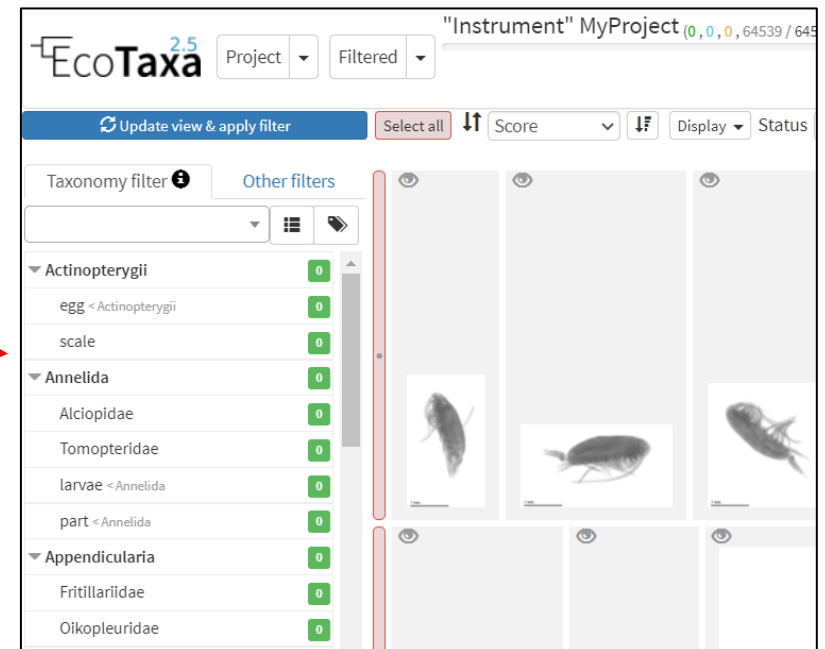
To create your preset

Fill in the taxonomy field yourself **1** OR you can use the preset of another project with the button “Pick from others projects” **2**

The Taxonomy filter list will be modified automatically



After any changes, you must click on “Save” button to save it at the end of the page:



If you choose the **2nd** option, you will have the choice to utilize the preset list from another project and/or the extra categories from this other project

Preset categories = categories listed in the preset field into the Edit project settings of the other project

Extra categories = categories created when an image is identified in these categories but they are absent of the preset list, these categories disappear of the Taxonomy filter when they are empty

Annotations:

- Allows to filter projects with key words**: Points to the search bar.
- IDs of categories added in the preset**: Points to the 'Preset IDs' field.
- Allows to erase IDs of categories added in the preset**: Points to the trash icon next to the 'Preset IDs' field.
- Allows to validate the added preset IDs**: Points to the 'Set IDs & Close' button.

Project Name	Preset Categories	Extra Categories
2017-2019 Images for Library - Validated 10 12 2020 (3594)	Amphiprora, Bacillariophyceae, Ceratium, Chaetoceros<Mediophyceae, Ciliophora, Cocconeis, Corethron, Cryptophyta, Cylindrotheca, Dictyochales, Dinophyceae, Eucampia, Guinardia, Gymnodinium, Gyrodinium, Katodinium, Licmophora, Membraneis, Navicula, Nitzschia, Phaeocystis, Proboscia sp., Prymnesiophyceae, Pseudo-Nitzschia chain, Pseudo-nitzschia, Pyramimonas, Rhizosolenia, Thalassiosira, Tintinnida, Torodinium, Warnowia, artefact, badfocus=artefact, bead, bubble, centric, centric 2 temp, centric 3 temp, centric 4 temp, detritus, multiple<other, other<living, part<other, pennate 2 temp, pennate 7 temp, pennate<Bacillariophyta, t002, t003, t007, t008, t009, t010, t011, t016	Asteromphalus, Banquisia belgicae, Chaetoceros single, Crustacea, Dactylosolen, Dinophysis, Diptosalis<Dinophyceae X, Eucampia chain, Membraneis chain, Nitzschia frigida, Odontella sp., Pleurosigma, Unknowns, centric 1 temp, centric 10 temp, centric 6 temp, chain<centric, chain<pennate, dinoflagellate-i, dinoflagellate-ii, dinoflagellate-iii, pennate 10 temp, pennate 11 temp, t004, t005, t006, t012, t013, t017, t019, t020, temp cylindrotheca
2021_Kingstown_Bay (4516)		Acartiidae, Actinopterygii, Annelida, Appendicularia, Bivalvia<Mollusca, Calanidae, Calanoida, Calanus, Candaciidae, Cavolinia inflexa, Chaetognatha, Cnidaria<Metazoa, Corycaidae, Cressidae, Doliolida, Echinodermata, Euterplina, Evadne, Limacina, Neoceratium, Olithonidae, Oncaeidae, Ostracoda, Penilia avirostris, Phaeodaria, Podon, Salpida, Temoridae, artefact, badfocus=artefact, bubble, calyptopsis<Euphausiacea, copepod, copepod sp., detritus, eudoxie<Abylopsis tetragona, eudoxie<Diphyidae, fiber<detritus, gonophore<Diphyidae, multiple<Copepoda, multiple<other, nauplii<Cirripedia, nectophore<Diphyidae, nectophore<Physonectae, seaweed, zoea<Decapoda
2_uvp5_learning_set_extension (970)	Acantharea, Annelida, Appendicularia, Cephalopoda, Cestidae, Chaetognatha, Cnidaria<Metazoa, Collodaria, Copepoda, Crustacea, Ctenophora<Metazoa, Diatoma, Enteropneusta<Hemichordata XX, Eukaryota, Eumalacostraca, Foraminifera, Gnathostomata, Gymnosomata, Hydrozoa, Mollusca, Narcomedusae, Ostracoda, Phaeodaria, Poebius, Rhizaria, Salpida, Scyphozoa, Siphonophorae, Solmundella bitentaculata, Trichodesmium, Tunicata, artefact, badfocus=artefact, body<Appendicularia, bubble, colonial<Collodaria, detritus, duplicate, fiber<detritus, house, leg<Phaeodaria, like<Copepoda, othertocheck, puff, solitaryblack, solitaryfuzzy, solitaryglobule, solitarygrey, t001, t002, t003, t004, t005, tuff, veliger	Actinopterygii, Amphipoda, Aulacantha, Aulosphaeridae, Cavolinidae, Cnidaria<Hydrozoa, Coelographis, Decapoda, Doliolida, Enteropneusta<Hemichordata, Flota sp., Harpacticoida, Oithona, Pleuroncodes, Pyrosoma, Swima, Thecosomata, compact, dark<detritus, dark<fluffy, darksphere, egg<other, feces, fluffy<detritus, fluffy<fiber, gelatinous, larvae<Actinopterygii, larvae<Salpida, leg<Crustacea, light<fluffy, like<Phaeodaria, like<Salpida, other<living, ovoid, pennate<Coelodendridae, t009, t010, t011, t013, t014, t016, t017, t018, t020, tail<Crustacea, turbid
3_Generic_subset_positions (4526)		Actinopterygii, Aglaura, Amphipoda, Annelida, Appendicularia, Aulacantha, Bivalvia<Mollusca, Calanoida, Chaetognatha, Cnidaria<Hydrozoa, Cnidaria<Metazoa, Copepoda, Corycaidae, Crustacea, Ctenophora<Metazoa, Cyclopoida, Decapoda, Doliolida, Eucalanidae, Euphausiacea, Foraminifera, Gnathostomata, Harosa, Harpacticoida, Limacina, Luciferidae, Mollusca, Olithonidae, Oncaeidae, Ostracoda, Pleuroncodes, Pyrosoma, Pyrosomatida, Sapphirina, Siphonophorae, Thaliacea, Thecosomata, artefact, bubble, dark<detritus, detritus, egg<other, feces, fiber<detritus, gelatinous, glue, line, multiple<other, other<living, part<Crustacea, part<Siphonophorae, part<other, scale, t001, t002, t003, t006, t010, t011, t015, t016, t020
_Model_Zoocam (4051)	Acartiidae, Actinopterygii, Amphipoda, Annelida, Appendicularia, Calanidae, Calanoida, Candaciidae, Centropagidae, Chaetognatha, Cladocera, Cnidaria<Metazoa, Copepoda, Ctenophora<Metazoa, Cyclopoida, Decapoda, Diatoma, Echinodermata, Euphausiacea, Harpacticoida, Limacinae, Mysida, Neoceratium, Noctiluca<Noctilucaeae, Olithonidae, Poecilostomatoida, Rhizaria, Siphonophorae, Temoridae, Thaliacea, Thecosomata, artefact, bubble, chainlarge, dead<Copepoda, detritus, egg<Actinopterygii, fiber<detritus, larvae<Crustacea, multiple<Copepoda, multiple<other, nauplii<Cirripedia, other<living, othertocheck	Aetideidae, Bivalvia<Mollusca, Branchiostoma, Calocalanus, Calocalanus tenuis, Cavolinidae, Centropages hamatus, Chaetoceros sp., Collozoum, Corycaidae, Ctenophora X, Cumacea, Diatoma tenuis<Diatoma, Diphyidae, Doliolida, Echinoidea, Enteropneusta<Hemichordata, Eucalanidae, Euchaeta, Euterplina, Evadne, Foraminifera, Gastropoda, Haloptilus, Halosphaera, Heterorhabdidae, Hydrozoa, Insecta, Isias, Isopoda, Jaxea, Luidiidae, Mecynocera, Metridinidae, Microsetella, Nannosquillidae, Obelia, Oncaea, Ostracoda, Penilia avirostris, Phoronida, Physonectae, Podon, Pontellidae, Porcellanidae, Pterotracheidae, Pyrosoma, Rhincalanidae, Rhizosolenids, Sapphirinidae, Sepia, Sphaeronectidae, Thalassionema, Tomopteridae, Trichodesmium, acartia<dorsal-view-w-antenna, acartia<face-view, acartia<side-view-no-antenna, actinula<Hydrozoa,

List of Projects

List of preset categories of project

List of extra categories of project

Allows to add the list of extra categories of one chosen project in the preset of your own project

Allows to add the list of preset categories of one chosen project in the preset of your own project

After any changes, you must click on “Save” button to save it at the end of the page:

Save

Cancel, back to project

5.4.3 Tools for classification

Fields available for sorting & Display In the manual classification page	<code>depth_min=depth_min</code> <code>depth_max=depth_max</code> <code>area=area [pixel]</code> <code>mean=mean [0-255]</code> <code>fractal=fractal</code> <code>major=major [pixel]</code> <code>symetrie=symetrie</code> <code>circ=circ</code> <code>feret = Feret [pixel]</code>
Fields displayed in image popover in the manual classification page	<code>depth_min=depth_min</code> <code>depth_max=depth_max</code> <code>area=area [pixel]</code> <code>mean=mean [0-255]</code> <code>fractal=fractal</code> <code>major=major [pixel]</code> <code>symetrie=symetrie</code> <code>circ=circ</code> <code>feret = Feret [pixel]</code>

By filling in these fields, you will add more tools for classification assistance (see chapter 5.6): sort tools + informations on the image popover

This list corresponds to the variables that you have imported into the .tsv tables

Select all If Display Status Unclassified 10 30

No Results

Category Name
Random
Validation date
Image Name
Score
area [pixel]
circ
depth_max
depth_min
feret [pixel]
fractal
major [pixel]
mean [0-255]
symetrie

Image Name
Score
area [pixel]
circ
depth_max
depth_min
feret [pixel]
fractal
major [pixel]
mean [0-255]
symetrie

and move to next page Validate Selection Undo

You have to select the SCN corresponding to your instrument to benefit from the use of the Deep learning for prediction (see chapter 6).

SCN Network

After any changes, you must click on “Save” button to save it at the end of the page:

Save

Cancel, back to project

5.5 Topper bar

Shortcut to the main page

Project name

Number of images in your project depending of the status (see chapter 2.3)

Total number of objects: all statuses combined



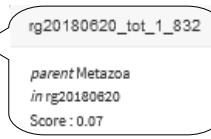
Tools that you can use on the project as a whole

Tools that you can use after applying filters

The color bar shows the progress of your project

5.6 Toolbar

Allows to add some information on images popover (see chapter 5.4.3)



When checked, a label with more information appears when you go over an image with the mouse pointer



Click on this button to apply the tools selected on the Image page

Allows to filter your images according to variables in ascending/descending order (see chapter 5.4.3)

Allows to filter your images according to the status (see chapter 2.3)

Allows to select the number of images/page that will appear

When checked, apply a magnifying glass when you go over an image with the mouse pointer

Allows to extend the images on the page

5.7 Filters bar

Update view & apply filter

Taxonomy filter Other filters

Share page Clear all filters

Sample Advanced Clear

Sample

Depth ⓘ Clear

Min [m] Max [m]

Location Clear

West North South East

Open map

Date Clear

Begin End Month

Time invert Clear

Begin End

Day time

Instrument ⓘ Clear

Instrument

Annotator / Free filters Clear

Annotator

Num. field

Text field contains

Update view & apply filter

Save filters

Apply saved filters and update view

See chapter 3.3

Allows to select all the images depending to a specific annotator

Allows to select all the images depending to specific variables from Object details

Allows to select all the images depending to specific variables from Sample/Acquisition/Processing details

Allows to save your selected filters

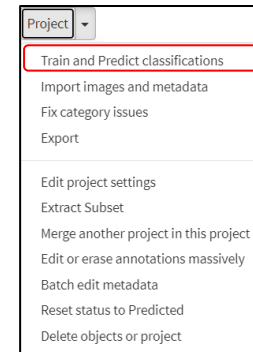
Apply your selected filters even if you disconnect from Ecotaxa

6 Prediction

Note: This step is possible only if you are **Manager or Annotator** (see chapter 5.2)

- Click on "Project" button, then "Train and Predict identifications":

- Choose your learning set:



EcoTaxa 2.6 "Instrument" MyProject

PREDICTION: Choice of Learning Set data source

Next: Choose objects in selected projects

A Learning Set AKA Training Data Set is built using validated data from one or several projects. Inside these projects, you will be able, in next pages, to specify:

- Which categories you're interested in predicting.
- How many objects you want to use as reference for the prediction.
- For these objects, which features are relevant to the prediction.

This Learning set will then be used for running the prediction task. ?

Filter on title: # Matching features \geq Instrument:

Project deep features model: zooscan.
Model is usable ?

# - Title	# Validated	# Matching features	Deep features model
<input type="checkbox"/> #1040 - _Modele_Zooscan	1454311	69	zooscan
<input checked="" type="checkbox"/> #2374 - North Inlet Zooplankton	949566	69	
<input checked="" type="checkbox"/> #2291 - TRAFFIC_M153_Multinet_Maxi	465089	69	zooscan
<input type="checkbox"/> #714 - Zooscan Tara Oceans MTN 300 ALL NETS - NEW!	393382	69	zooscan
<input type="checkbox"/> #1125 - ICaWR	350447	69	
<input type="checkbox"/> #4565 - zooscan_cecilia_2020	323013	69	
<input type="checkbox"/> #611 - Projet DVM Lacs Boreaux - Sabrina Gignac Brassard 2016-2017	304151	69	
<input type="checkbox"/> #418 - Zooscan Tara Oceans 2009 2013 MTN 300 sn033	284105	69	zooscan
<input type="checkbox"/> #2771 - Zooscan_PS078_MN	281914	69	zooscan
<input type="checkbox"/> #3134 - Zooscan_PS106.2_MN	281501	69	zooscan
<input type="checkbox"/> #377 - Zooscan Tara Oceans 2009 2012 WP2 200	279100	69	zooscan

After choosing a project like a learning set*, allows to pass to the next page of prediction

Allows to filter projects thanks to key word on the title

Allows to filter from the number of common features between your project and the learning set

Allows to filter projects by instrument

*Allows to select one or some project to constitute a learning set : the best is proposed first

Number of validated objects

Number of matching features with your project

Model of deep features used for your prediction

- Select categories you would like to predict

EcoTaxa^{2.6} "Instrument" MyProject

PREDICTION: Choice of Learning Set categories and size

Next: Choose features in selected objects

From data source, which is: #1040 - _Modelo_Zooscan, only objects validated in below chosen categories will be present in the Learning Set being built. Optionally, each category can **appear** as another category, generally a parent one, to the machine learning algorithm. ⓘ

- The experience shows that it is often more efficient to predict into a limited number of categories and then validate in detail using more categories.

Learn from max. objects per category. ⓘ
Total is currently 30000 objects.

Make categories appear like in:

(id)	Source (validated) category	# source	% source	# learning set	Appear as category
(84963)	<input checked="" type="checkbox"/> detritus	241683	16.6 %	5000	
(45074)	<input checked="" type="checkbox"/> Calanoida	151416	10.4 %	5000	
(62005)	<input checked="" type="checkbox"/> Oithonidae	65646	4.5 %	5000	
(61996)	<input checked="" type="checkbox"/> Acartiidae	59018	4.1 %	5000	
(13333)	<input checked="" type="checkbox"/> Phaeodaria	54036	3.7 %	5000	Harosa
(11514)	<input checked="" type="checkbox"/> Chaetognatha	52390	3.6 %	5000	
(85008)	<input type="checkbox"/> artefact	51452	3.5 %		
(61990)	<input type="checkbox"/> Centropagidae	45930	3.2 %		
(85076)	<input type="checkbox"/> fiber < detritus	44716	3.1 %		
(61993)	<input type="checkbox"/> Calanidae	41264	2.8 %		
(85061)	<input checked="" type="checkbox"/> badfocus < artefact	40301	2.8 %		
(81941)	<input type="checkbox"/> Evadne	33348	2.3 %		
(25932)	<input type="checkbox"/> Oikopleuridae	33108	2.3 %		
(61973)	<input type="checkbox"/> Temoridae	30326	2.1 %		

Click on this button after choosing the learning set categories and size

Allows to choose the number of objects per category* to train the model

Allows to map categories of your project with all categories of another project

Allows to select all categories or none

Number of validated objects per categorie in your learning set

Representation in percentage of number of validated objects per categorie in your learning set

*Number of objects per category used to train the model

Allows to map a category with another category i.e. you can choose all Phaeodaria to be predicted in Harosa

If you click on a number of validated objects, it deselects categories that have less than this number of validated objects

Allows to select or unselect categories

- Choose prediction settings

EcoTaxa^{2.6} "Instrument" MyProject

PREDICTION: Choice of features and settings

Start prediction task

Add deep features ? ☒

You have chosen 30000 reference objects to build the Learning Set. In this last step, you can choose which features to associate with each of these objects, and start a prediction task using the Learning Set.

- Prediction will be better if you exclude features which are not related to the classification, e.g. coordinates in the raw image.
- Features with a single, constant value, or too many missing values, are useless for prediction and are automatically excluded. Some of them are listed here as a reminder.
- Missing values will be replaced by the median value for this feature from the reference objects.
- Prediction settings are recorded in EcoTaxa for the next prediction.

☐

<input checked="" type="checkbox"/> %area	<input checked="" type="checkbox"/> angle	<input checked="" type="checkbox"/> area	<input checked="" type="checkbox"/> area_exc	<input checked="" type="checkbox"/> bx	<input checked="" type="checkbox"/> by	<input checked="" type="checkbox"/> cdexc
<input checked="" type="checkbox"/> centroids	<input checked="" type="checkbox"/> circ.	<input checked="" type="checkbox"/> circex	<input type="checkbox"/> compentropy	<input type="checkbox"/> compm1	<input type="checkbox"/> compm2	<input type="checkbox"/> compm3
<input type="checkbox"/> compmean	<input type="checkbox"/> compslope	<input checked="" type="checkbox"/> convarea	<input checked="" type="checkbox"/> convperim	<input type="checkbox"/> cv	<input checked="" type="checkbox"/> depth_max	<input checked="" type="checkbox"/> depth_min
<input checked="" type="checkbox"/> elongation	<input checked="" type="checkbox"/> esd	<input checked="" type="checkbox"/> fcons	<input checked="" type="checkbox"/> feret	<input checked="" type="checkbox"/> feretareaexc	<input checked="" type="checkbox"/> fractal	<input checked="" type="checkbox"/> height
<input checked="" type="checkbox"/> histcum1	<input checked="" type="checkbox"/> histcum2	<input checked="" type="checkbox"/> histcum3	<input checked="" type="checkbox"/> intden	<input checked="" type="checkbox"/> kurt	<input checked="" type="checkbox"/> lat_end	<input checked="" type="checkbox"/> lon_end
<input checked="" type="checkbox"/> major	<input checked="" type="checkbox"/> max	<input checked="" type="checkbox"/> mean	<input type="checkbox"/> meanpos	<input checked="" type="checkbox"/> median	<input checked="" type="checkbox"/> min	<input checked="" type="checkbox"/> minor
<input checked="" type="checkbox"/> mode	<input checked="" type="checkbox"/> nb1	<input checked="" type="checkbox"/> nb2	<input checked="" type="checkbox"/> nb3	<input checked="" type="checkbox"/> perim.	<input checked="" type="checkbox"/> perimareaexc	<input checked="" type="checkbox"/> perimferet
<input checked="" type="checkbox"/> perimmajor	<input checked="" type="checkbox"/> range	<input checked="" type="checkbox"/> skelarea	<input checked="" type="checkbox"/> skew	<input checked="" type="checkbox"/> slope	<input checked="" type="checkbox"/> sr	<input checked="" type="checkbox"/> stddev
<input checked="" type="checkbox"/> symetrieih	<input checked="" type="checkbox"/> symetrieihc	<input checked="" type="checkbox"/> symetrieiv	<input checked="" type="checkbox"/> symetrieivc	<input type="checkbox"/> tag	<input checked="" type="checkbox"/> thickr	<input checked="" type="checkbox"/> width
<input checked="" type="checkbox"/> x	<input checked="" type="checkbox"/> xm	<input checked="" type="checkbox"/> xmg5	<input checked="" type="checkbox"/> xstart	<input checked="" type="checkbox"/> y	<input checked="" type="checkbox"/> ym	<input checked="" type="checkbox"/> ymg5
<input checked="" type="checkbox"/> ystart						

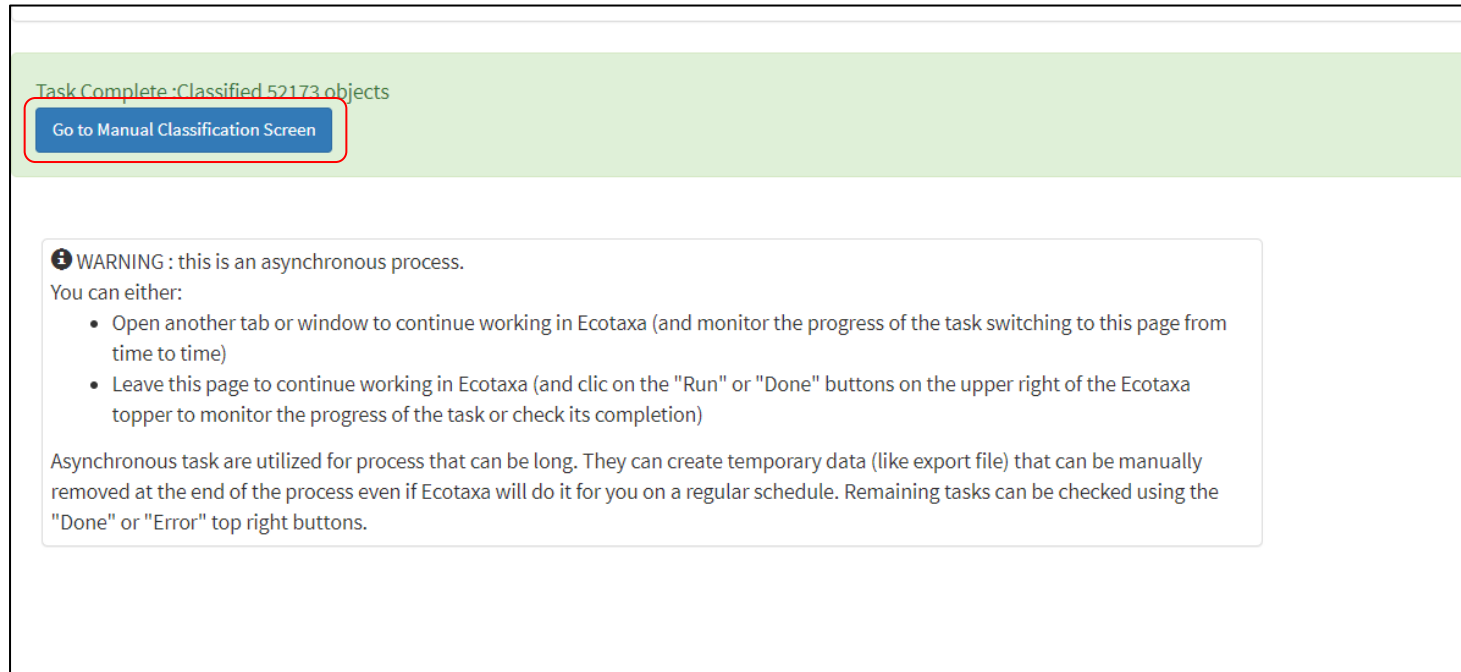
Allows to launch the prediction

Allows to use deep features to predict your project (possible only if SCN Network is defined (see chapter 5.4.3))

Allows to select or unselect all variables

Allows to select the variables one by one

When it is finished, you can click on “Go to Manual Classification Screen” to start validation:



The screenshot shows a web interface with a green header bar. Inside the header, the text "Task Complete :Classified 52173 objects" is displayed. Below this text is a blue button with the text "Go to Manual Classification Screen", which is highlighted by a red rectangular box. Below the header bar, there is a white box with a warning icon (an 'i' in a circle) and the text "WARNING : this is an asynchronous process." Below this warning, it says "You can either:" followed by a bulleted list. The first bullet point says "Open another tab or window to continue working in Ecotaxa (and monitor the progress of the task switching to this page from time to time)". The second bullet point says "Leave this page to continue working in Ecotaxa (and clic on the "Run" or "Done" buttons on the upper right of the Ecotaxa topper to monitor the progress of the task or check its completion)". Below the list, there is a paragraph of text: "Asynchronous task are utilized for process that can be long. They can create temporary data (like export file) that can be manually removed at the end of the process even if Ecotaxa will do it for you on a regular schedule. Remaining tasks can be checked using the "Done" or "Error" top right buttons."

Task Complete :Classified 52173 objects

Go to Manual Classification Screen

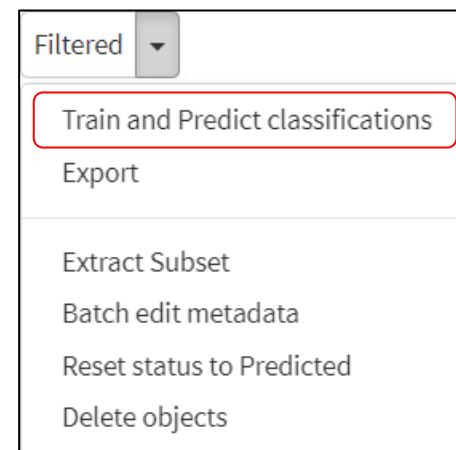
WARNING : this is an asynchronous process.

You can either:

- Open another tab or window to continue working in Ecotaxa (and monitor the progress of the task switching to this page from time to time)
- Leave this page to continue working in Ecotaxa (and clic on the "Run" or "Done" buttons on the upper right of the Ecotaxa topper to monitor the progress of the task or check its completion)

Asynchronous task are utilized for process that can be long. They can create temporary data (like export file) that can be manually removed at the end of the process even if Ecotaxa will do it for you on a regular schedule. Remaining tasks can be checked using the "Done" or "Error" top right buttons.

N.B.: You can launch prediction with just predefined filters rather than whole project



The screenshot shows a dropdown menu. At the top, there is a label "Filtered" followed by a downward-pointing arrow icon. Below this, the menu is open, showing several options. The first option, "Train and Predict classifications", is highlighted with a red rectangular box. Below it are the options "Export", "Extract Subset", "Batch edit metadata", "Reset status to Predicted", and "Delete objects".

Filtered ▼

Train and Predict classifications

Export

Extract Subset

Batch edit metadata

Reset status to Predicted

Delete objects

7 Validation

Note: This step is possible only if you are **Manager or Annotator** (see chapter 5.2)

7.1 Select or unselect images

7.1.1 Select or unselect some images



If you click once on an image, it is selected. If you click a second time on an image, it is unselected.

If you click once on the bar, the line of image is selected. If you click a second time on the bar, it is unselected.

7.1.2 Select or unselect all images



Allows to select all images

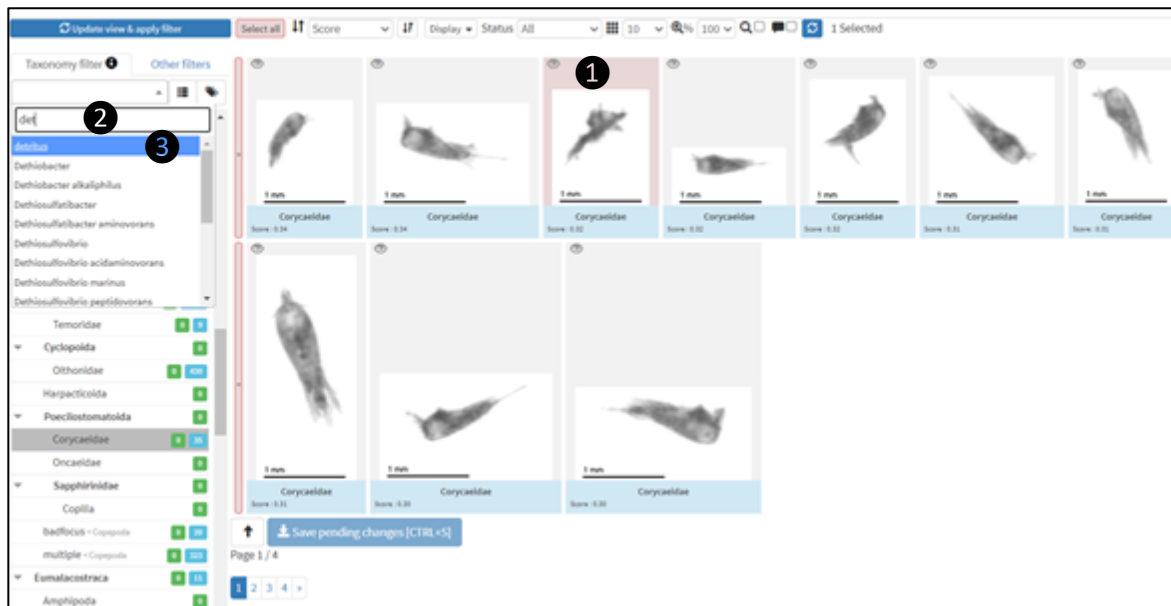
Keyboard shortcut: ctrl+a

To unselect images, you can :

- Hold shift key and click again on "select all" button
- press "ctrl" button on your keyboard and click on a image. This image will be the only one selected. Unselect it by clicking on it again

7.2 Validate some images

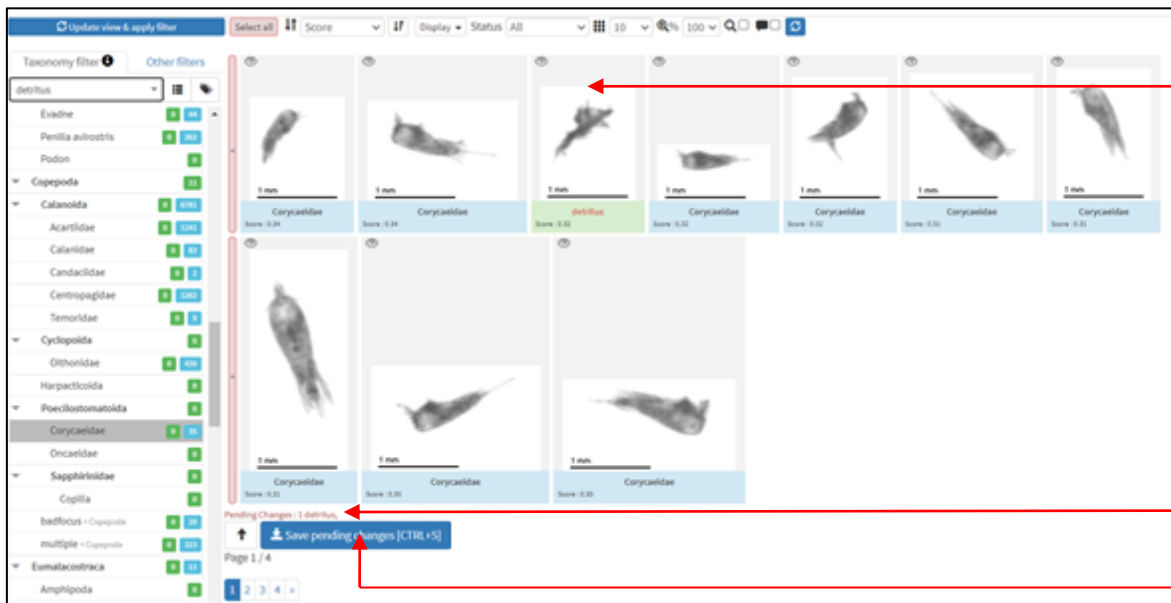
7.2.1 Assign category by writing and validation: option 1



① Select one image (see chapter 7.1.1)

② Write the first three letters of the category
No need to click on the search taxonomic bar before because your keyboard is automatically link it
If the desired category has been previously entered in the project preset, it will appear underlined and first in the list of choices (see chapter 5.4.2)

③ Either you click or you press enter on the desired category



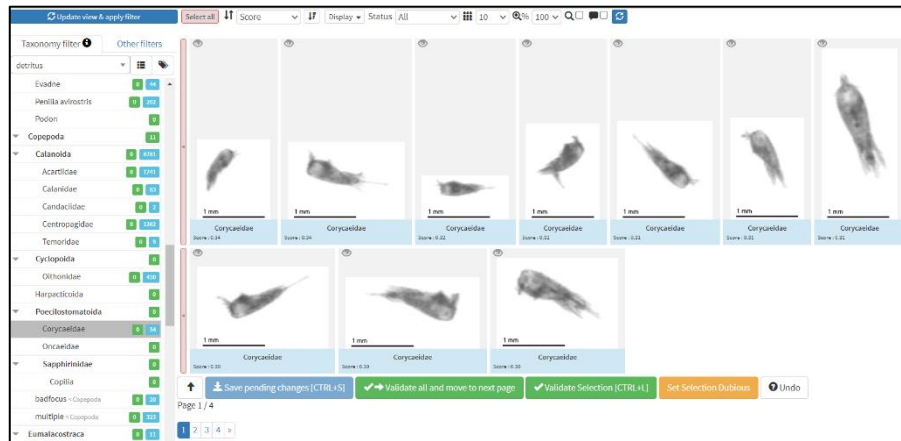
Assigned image but not yet validated (see chapter 2.3)

Resume the number of pending changes

Allows to save pending changes

Keyboard shortcut : ctrl+s

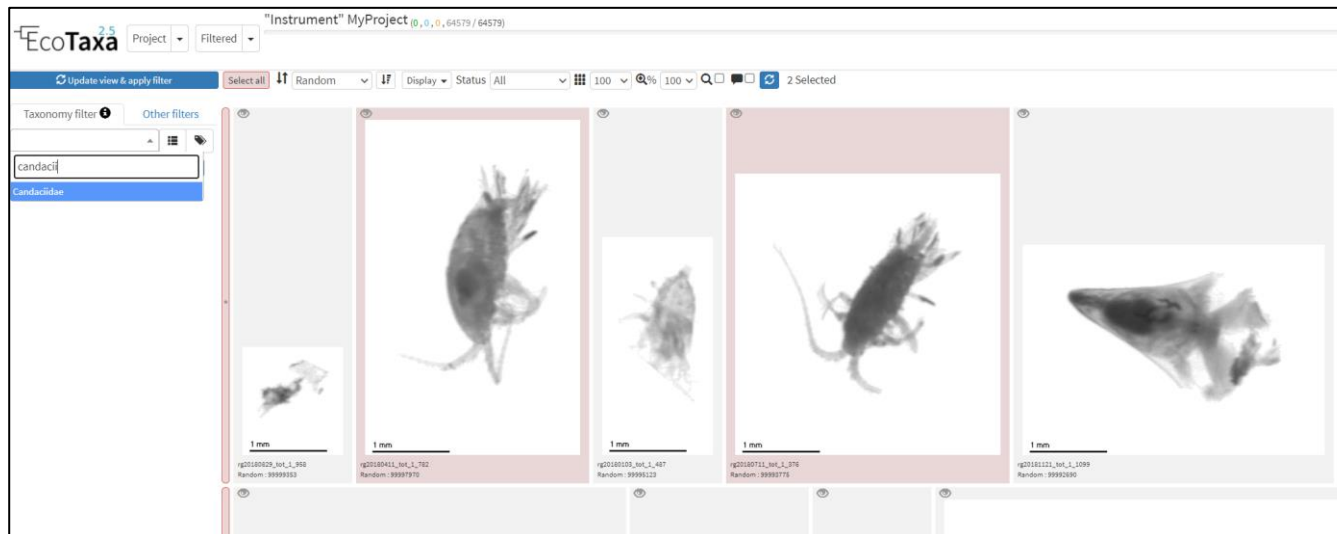
After saving pending changes, the image is validated in its category (in the example: detritus) and does not appear anymore in the previous category (in the example : Corycaidae):



+



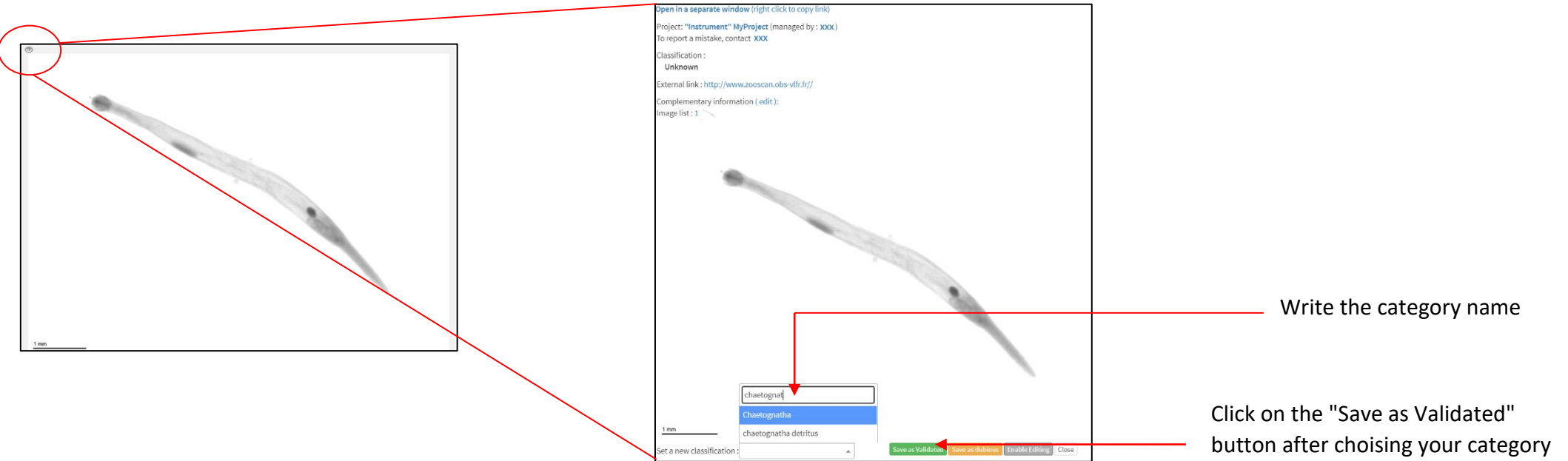
You can also validate unclassified objects (see chapter 2.3) with the same method:



If you validate enough images (about 100) in each category of the taxonomic list that you have defined for your project, you can use your own project as a learning set to predict the rest of images (see chapter 6).

7.2.2 Assign category by writing and validation: option 2

Click on the eye at the top left corner of the predicted or unclassified image (see chapter 2.3)

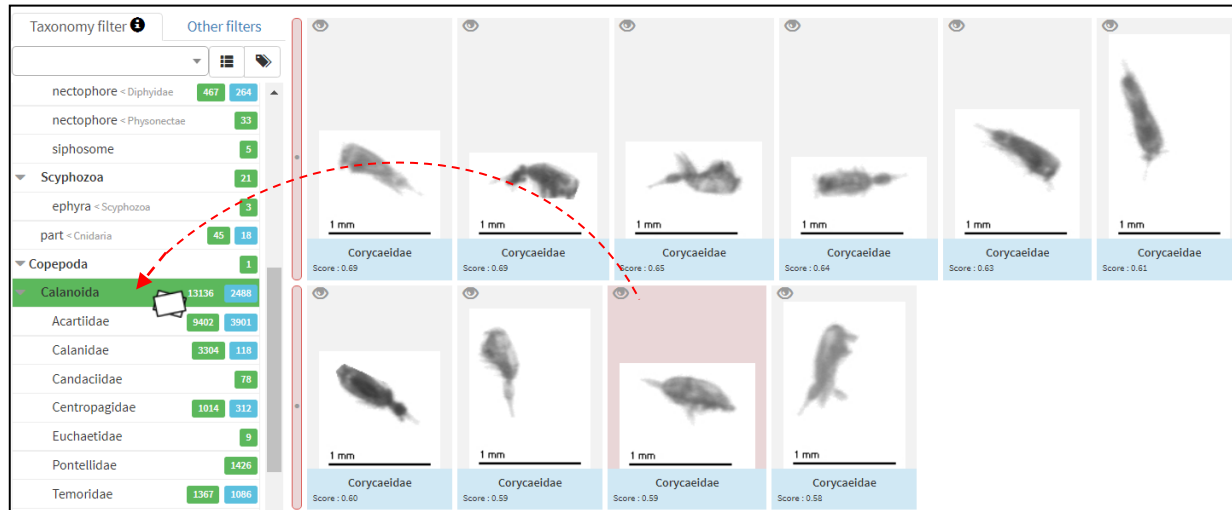


The screenshot shows a web interface for image validation. On the left, a small image of a chaetognath specimen is shown with a red circle around an eye icon in its top-left corner. A red line connects this icon to a larger, detailed view of the same specimen on the right. In the top-left corner of the detailed view, there is a text box containing the following information: "Open in a separate window (right click to copy link)", "Project: 'Instrument' MyProject (managed by : XXX)", "To report a mistake, contact XXX", "Classification : Unknown", "External link : <http://www.zooscan.obs-vlfr.fr/>", "Complementary information (edit):", and "Image list : 1". Below this information, the specimen image is displayed with a 1 mm scale bar. At the bottom of the detailed view, there is a "Set a new classification:" label, a dropdown menu with the following options: "chaetognath", "Chaetognatha" (highlighted in blue), and "chaetognatha detritus", and a "Save as Validated" button. A red arrow points from the text "Write the category name" to the dropdown menu, and another red arrow points from the text "Click on the 'Save as Validated' button after choosing your category" to the "Save as Validated" button.

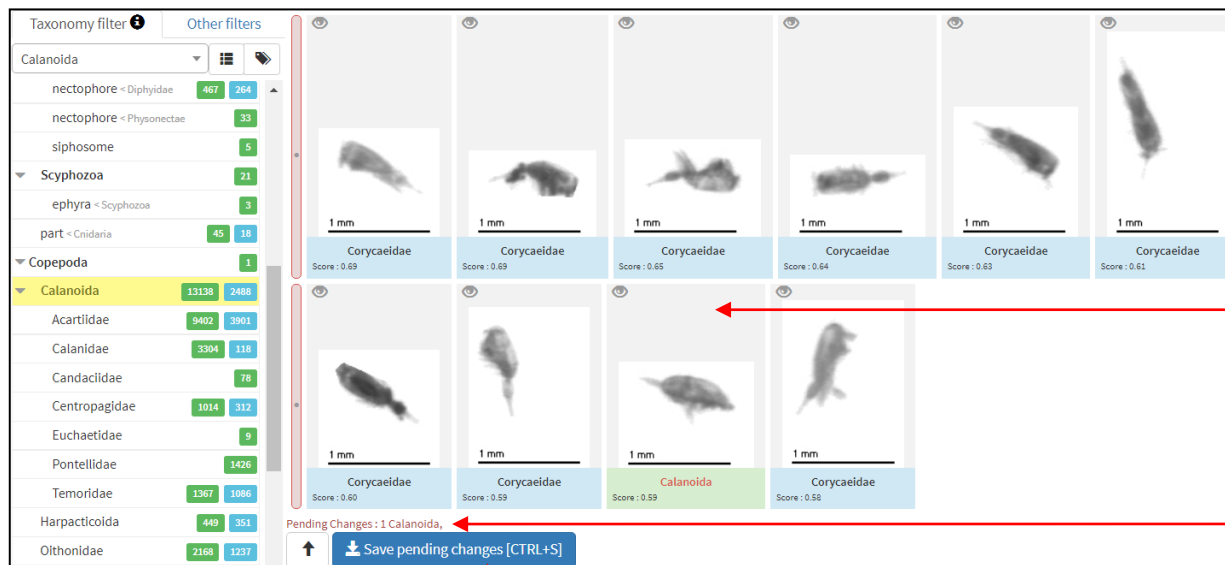
After this steps, your image has the validated status (see chapter 2.3):



7.2.3 Assign category by drag-and-drop and validation



Select your image (see chapter 7.1.1) and drag and drop to assign your category



Assigned image but not yet validated (see chapter 2.3)

Resume the number of pending changes

Allows to save pending changes
Keyboard shortcut : ctrl+s

You can also validate unclassified objects (see chapter 2.3) with the same method.

If you validate enough images (about 100) in each category of the taxonomic list that you have defined for your project, you can use your own project as a learning set to predict the rest of images (see chapter 6).

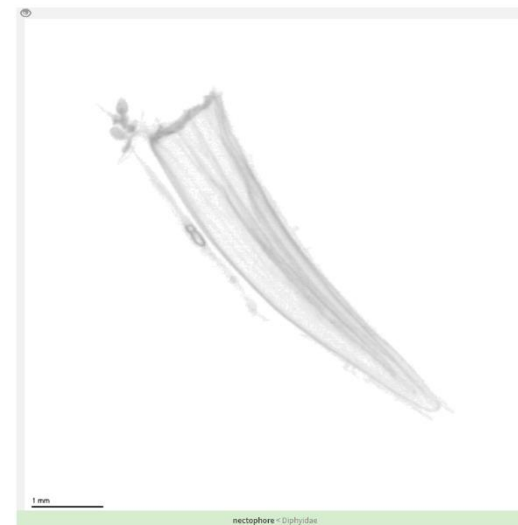
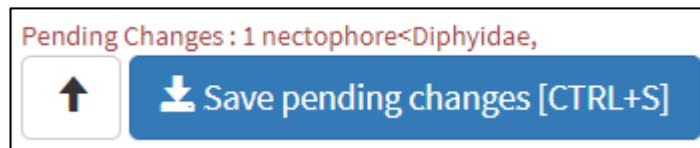
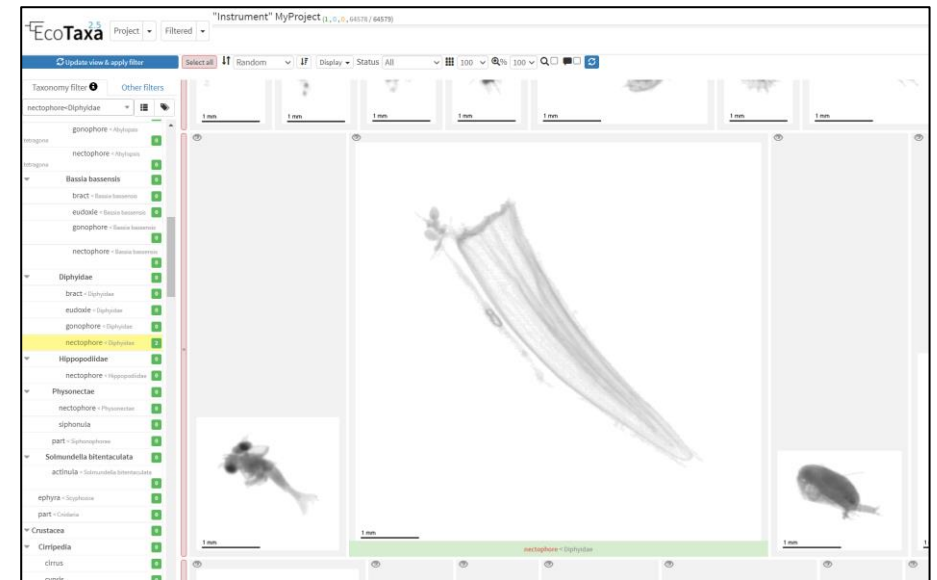
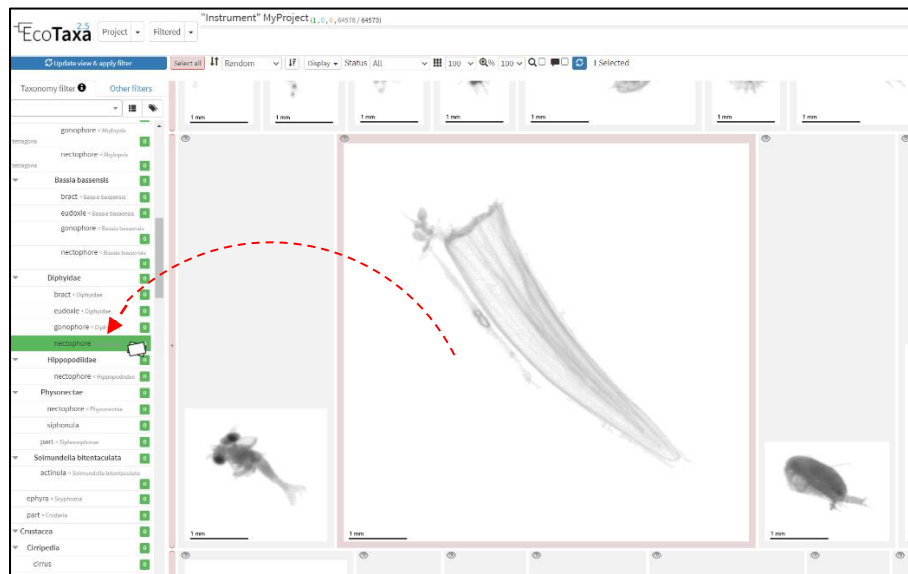
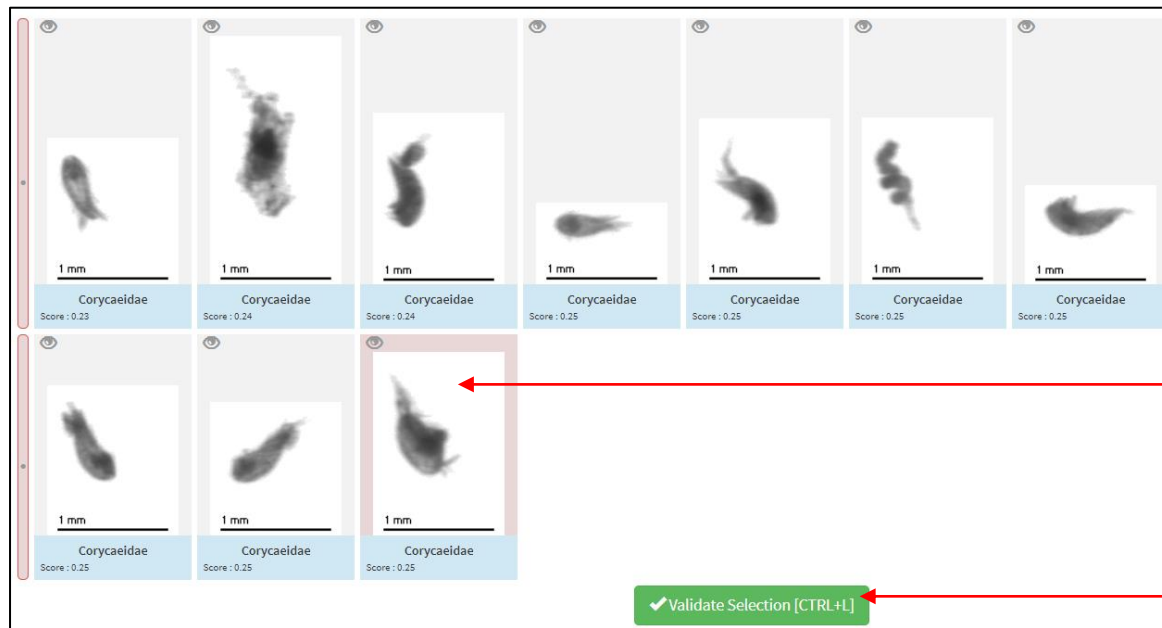


Image with validated status
(see chapter 2.3) in its category

7.2.4 Validate Selection button

This button is possible only after a prediction



Select the image(s) (see chapter 7.1.1)

Click on the "Validate Selection" button
Keyboard shortcut : ctrl+I

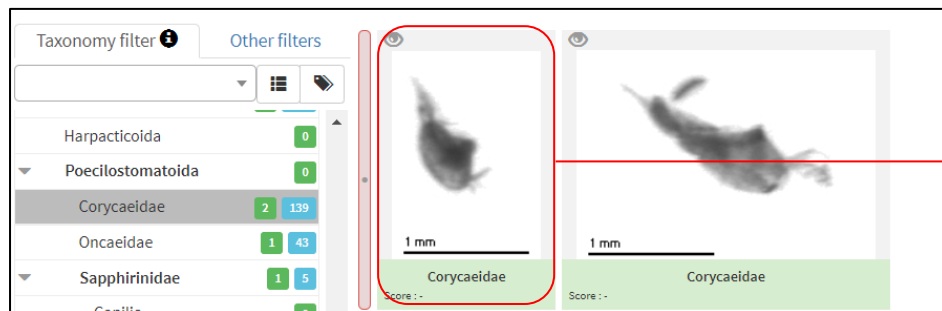
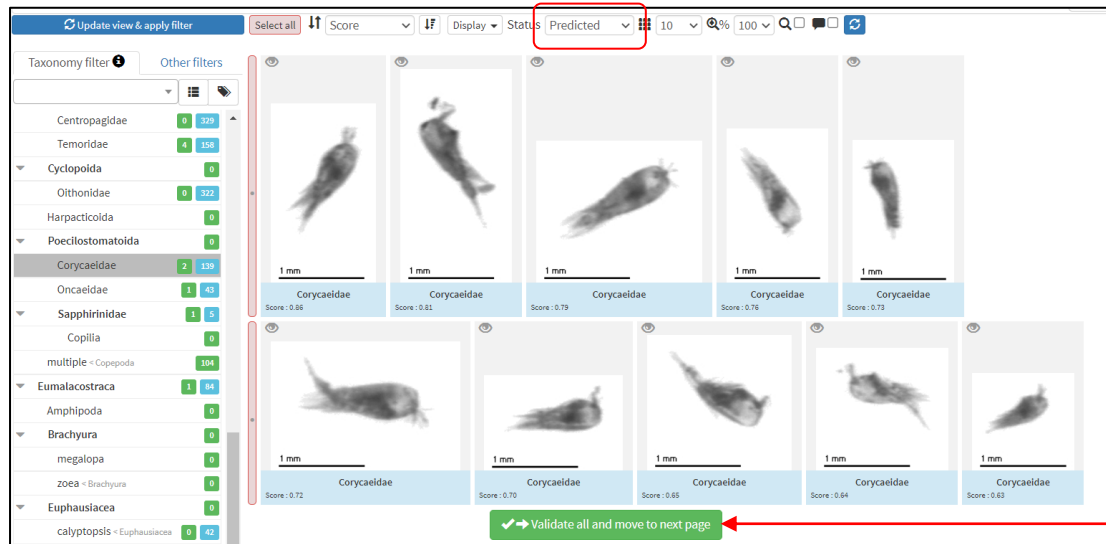


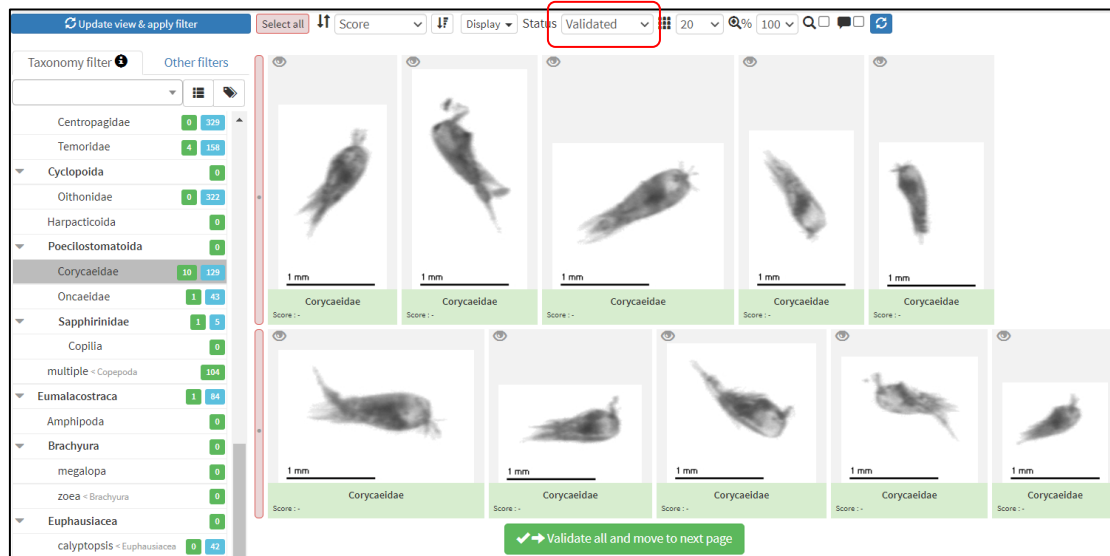
Image with validated status in its category (see chapter 2.3)

7.3 Massively validation of images

This button is possible only after a prediction. If you agree with the prediction on an entire page, you can validate all images at the same time:



Allows to validate all images of this page and move to the next page of predicted images

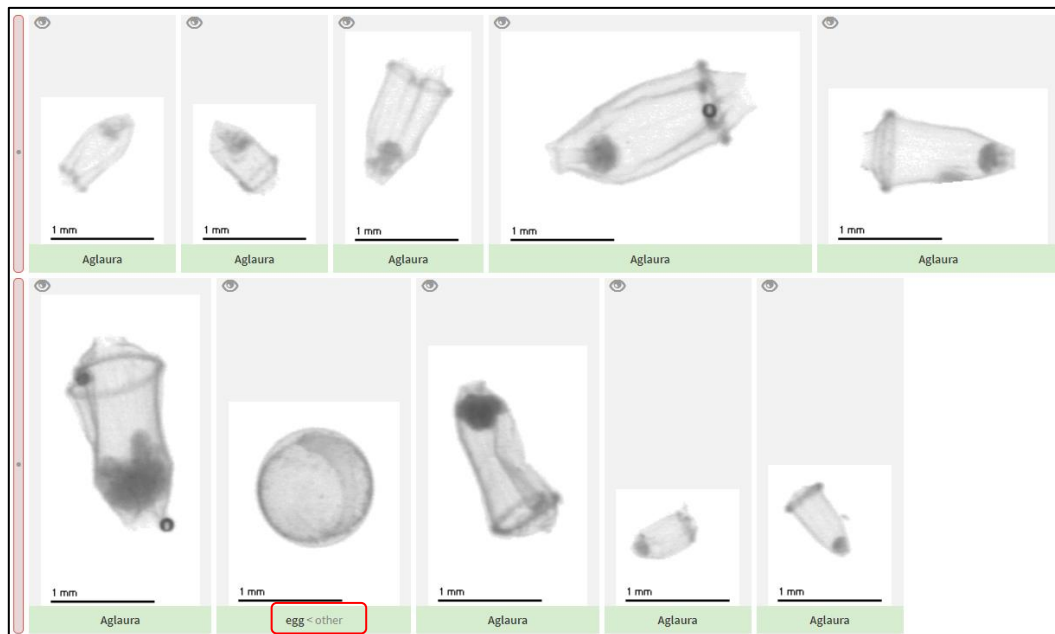


After clicking on this button, your images have a validated status on its category (see chapter 2.3)

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Images are the validated status (see chapter 2.3) in each of their categories

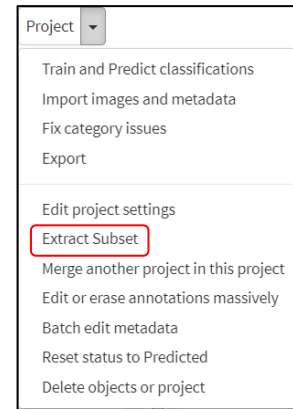


8 Extract subset

Note: This step is possible only if you are **Manager** (see chapter 5.2)

When you extract a subset of your project, you create a new project.

“Project” button -> “Extract Subset” tool

A screenshot of the 'Extract subset' form in the EcoTaxa 2.6 web interface. The form is titled 'Extract subset' and is part of the 'MyProject' interface. It features a 'Select' section with two radio buttons: '10 % of values' (labeled with a red circle 1) and 'objects max.' (labeled with a red circle 2). The '10 % of values' option is selected. To the right of these options are three radio buttons labeled 'category' (labeled with a green circle 1), 'sample' (labeled with a green circle 2), and 'acquisition' (labeled with a green circle 3). The 'category' option is selected. Below these options is a text input field for 'Subset project title' with the text 'Subset of "Instrument" MyProject'. At the bottom left is a blue 'Start Task' button. A red arrow points from the 'Start Task' button to the text 'Click on "Start Task" button to create your subset'. Another red arrow points from the 'Subset project title' field to the text 'Choose the title of your subset (future project)'. A third red arrow points from the 'category' radio button to the text '1 category'.

You can choose to extract:

1 A percentage of value

1 category

or

or

by

2 A maximum number of objects

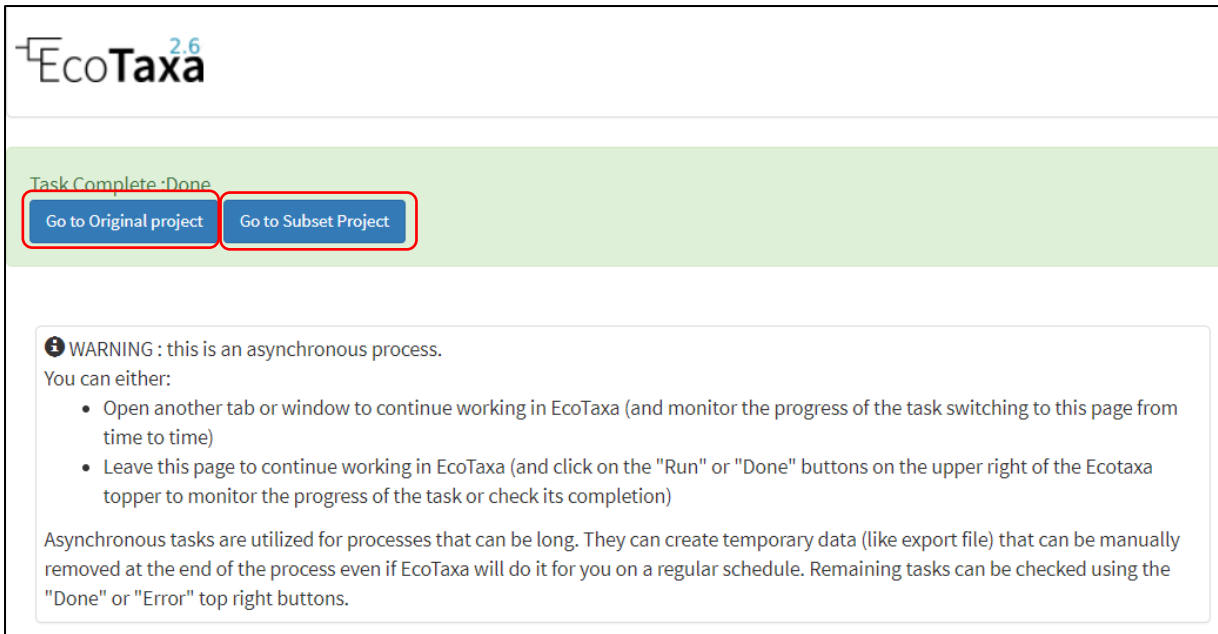
2 sample

or

3 acquisition

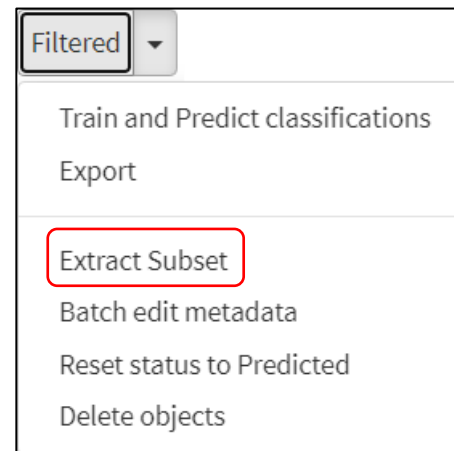
Choose the title of your subset (future project)

Click on “Start Task” button to create your subset



When it is finished, you can go to original project or to your subset project

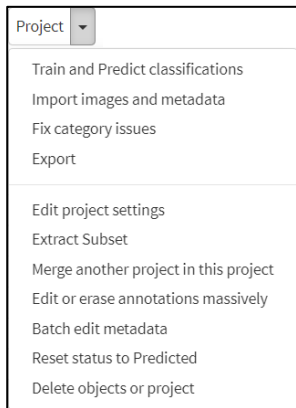
N.B.: You can extract subset with just predefined filters rather than whole project. For example, if you want extract just Copepoda



9 Merge projects

Note: This step is possible only if you are **Manager** (see chapter 5.2)

“Project” button -> “Merge another project in this project” tool



merged

EcoTaxa 2.6 "Instrument" MyProject (log out)

Action ▾

Project Merge / Fusion

- You are allowed to merge projects that you are allowed to manage
- User privileges from both projects will be added
- This tool allows to merge two projects in a single project (called Current project). The added project will then be automatically deleted. If object data are not consistent between both projects :
 - New data fields are added to the Current project.
 - The resulting project will thus contain partially documented datafields.
 - Samples with same sample_id on both sides will **not** be updated from added project.
 - Acquisitions with same acq_id on both sides will **not** be updated from added project.
- Note : Next screen will indicate compatibility issues (if exists) and allow you to Confirm the merging operation.

ID	Title	Status	Nbr Obj	% Validated	% Classified
Select 1	Zooscan ROND RECTANGLES	Annotate	863	100.00	100.00
Select 3	UVP5 DEWEX 2013 (winter)	Annotate	91871	5.21	100.00
Select 4	UVP5 DEWEX 2013 (spring)	Annotate	391317	41.31	87.86
Select 6	Zooscan CSIRO library 4800	Annotate	4343	45.11	45.11
Select 8	Subset of Zooscan CSIRO library 4800 created on 2016-01-21	Annotate	172	100.00	100.00
Select 10	Zooscan point B WP2 200 2016 mardi matin	Annotate	55338	100.00	100.00
Select 14	Zooscan MooseGE 2015 Bongo 120	Annotate	12616	99.92	100.00
Select 15	Zooscan point B Regent 680 2016	Annotate	32080	100.00	100.00
Select 16	Zooscan point B Juday Bogorov 300 2016	Annotate	20530	100.00	100.00
Select 18	Zooscan Lebanon 2013 2014 WP2 200	Annotate No Prediction	31131	1.41	100.00
Select 19	UVP5 taxo full	Annotate	0	0.00	0.00
Select 20	UVP5 taxo routine	Annotate	0	0.00	0.00
Select 22	UVP5 Sargasso 2014 (sargasso_a sargasso_b)	Annotate	24018	99.98	100.00
Select 24	Zooscan Mouton	Annotate	101991	0.00	100.00
Select 28	UVP5 MALINA 2009	Annotate	140682	91.35	100.00

With your keyboard press "ctrl+F" to open a keyword search engine and write a word in the name of your project that you want to merge

Project status (see chapter 5.4.1)

Objects number in the project

Percentage of validated objects in the project (see chapter 2.3)

Percentage of classified objects in the project (see chapter 2.3)

ecotaxa.obs-vlfr.fr/prj/merge/4709

merged 1/1

Select	5401	uvp6_sn000143ip_202101_ccenter_2021_p2101_c2430_track				
Select	5402	uvp6_sn000200lp_20220127_intercalibrage	Annotate	2366	0.00	0.00
Select	5403	Zooplankton Helgoland	Annotate	327	43.43	43.43
Select	5435	uvp6_sn000164hf_20220127_intercalibrage	Annotate	1746	0.00	0.00
Select	5437	FlowCam_test_Nansen	Annotate	0	0.00	0.00
Select	5438	"Instrument" Project that will be merged	Annotate	824	0.00	0.00

Click on the "Select" button

EcoTaxa 2.6 "Instrument" MyProject (log out)

Action ▾

Project Merge / Fusion

Source Project : 5438 - "Instrument" Project that will be merged (This project will be destroyed)

⚠ Warning project 5438 - "Instrument" Project that will be merged
Will be destroyed, its content will be transferred in the target project.
This operation is irreversible

Start Project Fusion

Take the time to read the message and be sure to merge

Click on the "Start Project Fusion" button

EcoTaxa 2.6 "Instrument" MyProject (log out)

Action ▾

Project Merge / Fusion

Source Project : 5438 - "Instrument" Project that will be merged (This project will be destroyed)

Fusion Done successfully

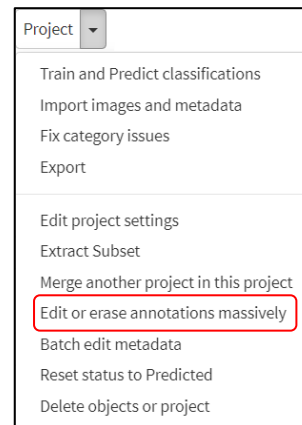
Back to target project

Click on the title of your project of "Back to target project" to return to your project

10 Edit or erase annotations massively

Note: This step is possible only if you are **Manager** (see chapter 5.2)

“Project” button -> “Edit or erase annotations massively” tool



EcoTaxa 2.6 "Instrument" MyProject

Project Edit / Erase annotation massively

Replace the identification done by:

By the identification done by:

Since the (optional): at h m

Compute an estimation of the impact

On the next screen, you will be able to apply the change only on some categories

This correction tool permits to erase the validation jobs for selected categories, selected Annotators and period of time and replace it by the one of a selected Annotator

EXAMPLES of possibilities :

- Replace validation done by Mr X for all Copepoda by the validation done by Mrs. Y who is well known specialist of this group
- Replace validation done by Mr W before 2015 November, 15th (which is the date of his taxonomy training course) by prediction or validation by anyone else

Choose the name of the person you want the identification to be replaced by

Choose the name of the person for whom you want to change their annotations

You can choose a period

Allows to see the impact of your changes

EcoTaxa^{2.6}

"Instrument" MyProject

(log out)

Action

Project Edit / Erase annotation massively

Replace current classification, when done by **xxx**
 With previous classification done by **yyy**, except if already the case

Process the replacement. WARNING : It's irreversible !!!!

Below the estimation of each impacted category, select categories you want replace on these source categories list

Select **All / None**

Select	Category	Nbr	Changes
<input type="checkbox"/>	Actinopterygii (Gnathostomata)	1	→detritus (not-living):1
<input type="checkbox"/>	Calanidae (Calanoida)	1	→Haloptilus (Augaptilidae):1
<input type="checkbox"/>	Calanoida (Copepoda)	19	→dead (Copepoda):1 →Centropagidae (Calanoida):7 →Acartiidae (Calanoida):6 →Euchaetidae (Calanoida):1 →Calanoida (Copepoda):2 →Calanidae (Calanoida):1 →Rhincalanidae (Calanoida):1
<input type="checkbox"/>	Chaetognatha (Metazoa)	1	→tail (Chaetognatha):1
<input checked="" type="checkbox"/>	Corycaidae (Poecilostomatoida)	4	→detritus (not-living):4
<input type="checkbox"/>	Fritillariidae (Appendicularia)	1	→Chaetognatha (Metazoa):1
<input type="checkbox"/>	Oikopleuridae (Appendicularia)	1	→Chaetognatha (Metazoa):1
<input type="checkbox"/>	Siphonophorae (Hydroidolina)	1	→nectophore (Diphyidae):1
<input type="checkbox"/>	artefact (not-living)	3	→Candaciidae (Calanoida):1 →Calanidae (Calanoida):1 →Acartiidae (Calanoida):1
<input type="checkbox"/>	borax (detritus)	3	→detritus (not-living):3
<input type="checkbox"/>	detritus (not-living)	3	→Calanoida (Copepoda):3
<input type="checkbox"/>	egg (Actinopterygii)	1	→bubble (artefact):1
<input type="checkbox"/>	multiple organisms (living)	1	→Creseis acicula (Creseis):1

Allows to launch the changes

Allows to select all or none changes

Allows to select one by one the changes

EcoTaxa^{2.6}

"Instrument" MyProject

Project Edit / Erase annotation massively

Annotation replacement Done successfully. Updated 40 Rows

Back to target project

11 Tips

11.1 Comment an image and last buttons



Allows to go to the top of the page

See chapter 7.2

See chapter 7.3

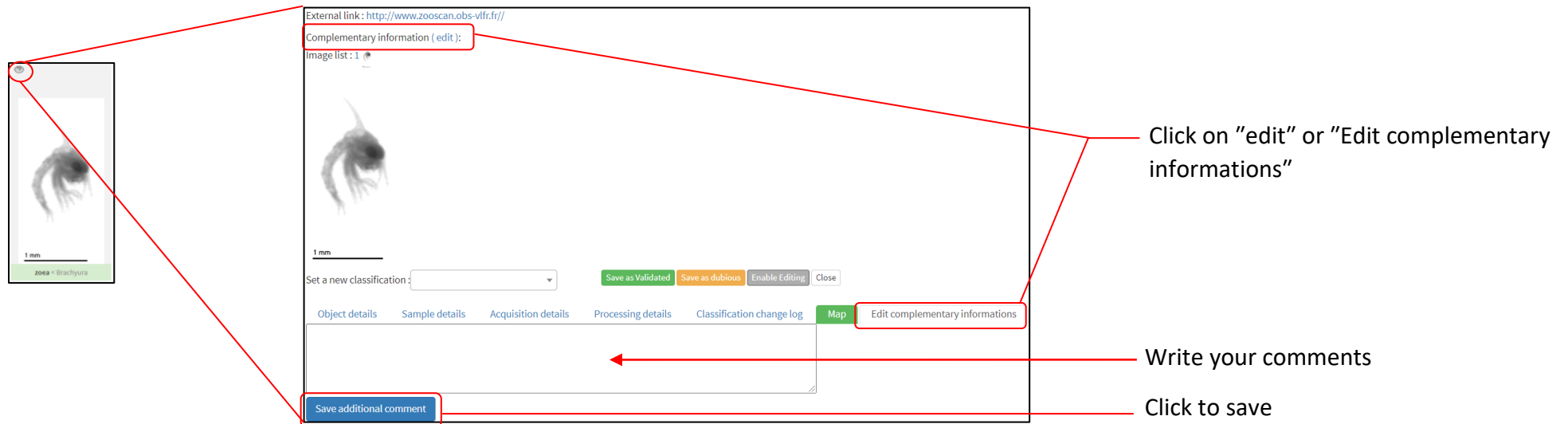
See chapter 7.2.4

See chapter 11.5.1

To correct validation mistakes (no UNDO button in Ecotaxa):

1. Select Validated Status
2. Sort by : Validation date
3. Move the most recent (erroneous) validated objects into the suitable category

You can add a comment for an image. Click on the eye:



11.2 Taxonomy filter : bonus



Allows to have taxonomy filter help

Allows to assign category name written in the field to one or more selected images

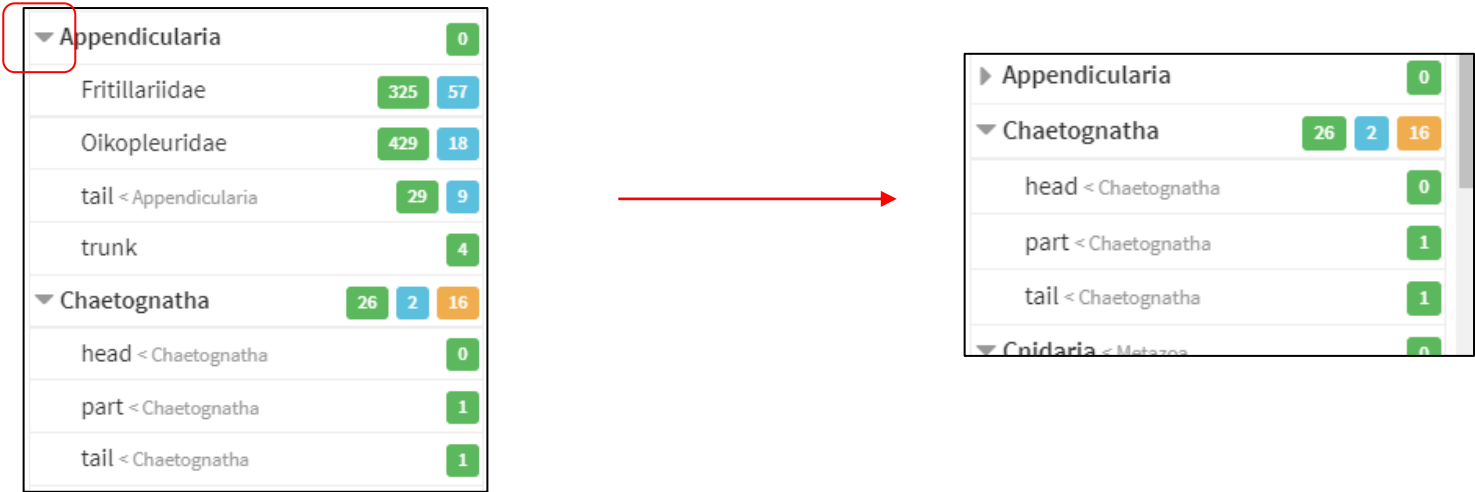
Keyboard shortcut : ctrl+d

Allows to search a category name on Taxonomy Tree

Orkopteundae	429	18
tail < Appendicularia	29	9
trunk	4	
▼ Chaetognatha	26	2
head < Chaetognatha	0	
part < Chaetognatha	1	
tail < Chaetognatha	1	

Allows to know the number of images by status (see chapter 2.3)
For example : there are 26 validated images + 2 predicted images + 16 dubious images in the "Chaetognatha" category.

If you click on this arrow, it allows to hide children categories:



To hide all empty categories, you can click on this button at the bottom:

Hide empty categories

If you right click (X) on a category, you can see the lineage (Classify to). You can also filter with child:

The diagram illustrates the process of right-clicking a category to view its lineage and filter options. On the left, a list of categories is shown, with 'Appendicularia' marked with a red 'X'. A red arrow points from this category to a right-click context menu on the right. The menu is divided into two sections: 'CLASSIFY TO' and 'FILTER WITH CHILD'. The 'CLASSIFY TO' section lists the lineage from 'living' down to 'Appendicularia'. The 'FILTER WITH CHILD' section lists the same lineage, with 'Appendicularia' highlighted by a red arrow. A red bracket on the right side of the menu indicates that this section allows users to see the lineage of their category.

Category	Count
Appendicularia	0
Fritillariidae	325
Oikopleuridae	429
tail < Appendicularia	29
trunk	4
Chaetognatha	26
head < Chaetognatha	0
part < Chaetognatha	1
tail < Chaetognatha	1
Cnidaria < Metazoa	0
Hydrozoa	2
Narcomedusae	0
Solmundella bitentaculata	0
Rhopalonematidae	0

If you click on Appendicularia, it creates a filter "Appendicularia with child" :



In this example, the images Appendicularia + Fritillariidae + Oikopleuridae + tail + trunk will be visibles

11.3 Select sample on the map

When you have many samples in your project all around the world, you can select a group of samples in a particular region.

Area Selection Map Popup Project = Zooscan Tara Oceans 2009 2012 WP2 200

Use mouse drag to Pan, Shift+drag for Rectangle Zooming, Use Alt+drag for Rectangle Selection

North 52.6263
West -4.2309 East 28.2202
South 26.2480

Draw On Map
Return this Area

Follow the instructions

EcoTaxa 2.6 Project Filtered Filter: Position=(46.2876,4.1436,29.2671,26.5606)

Update view & apply filter

Sample

Depth

Location

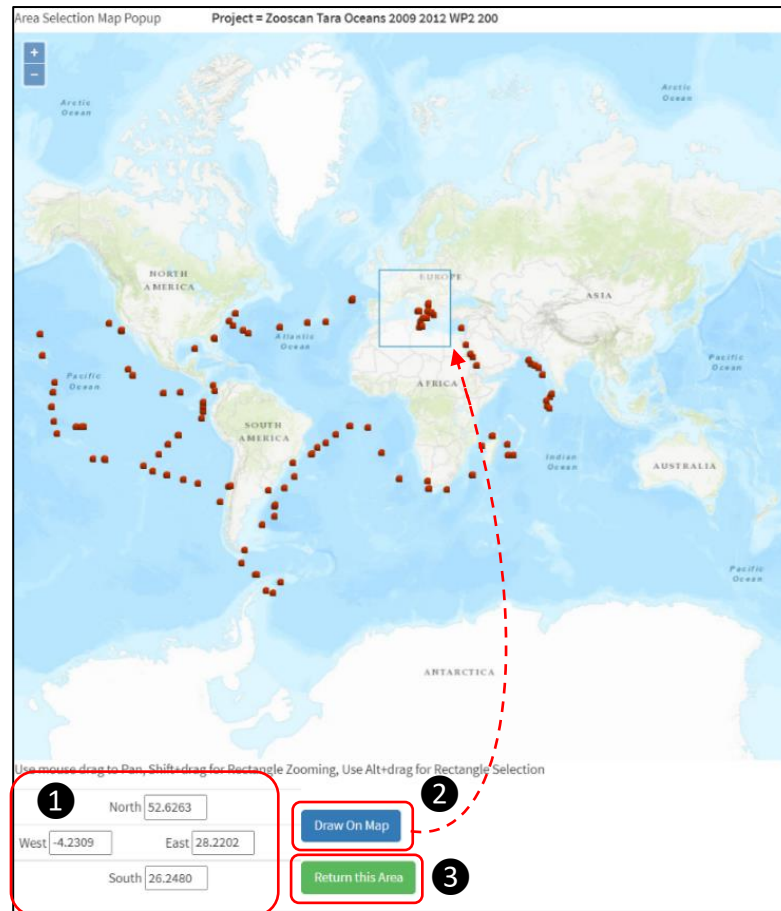
4.1436 46.2876 29.2671 26.5606

Open map

Click on "Update view & apply filter" button to apply your geographical area

If you already know the GPS coordinates of your geographical area, you can enter them directly:

The screenshot shows the EcoTaxa 2.6 interface. The 'Other filters' tab is selected. The 'Open map' button is highlighted with a red box. Below it, the 'Date' and 'Time' sections are visible.



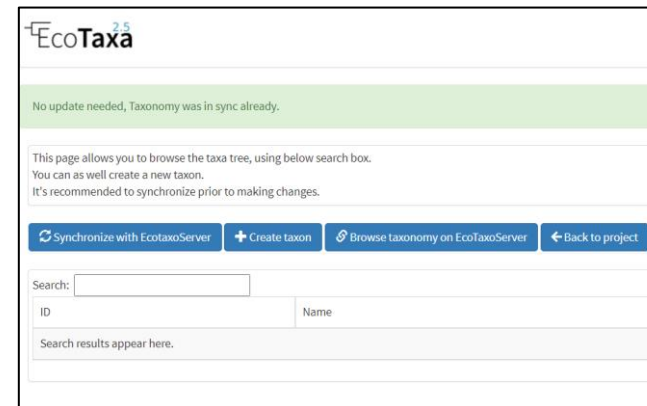
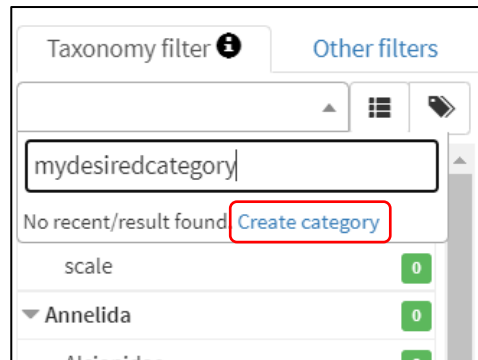
- 1 Write the GPS coordinates of your geographical area
- 2 Click on "Draw on Map" button to check the entered zone
- 3 Click on "Return the Area" button to keep your zone in your filters

The screenshot shows the EcoTaxa 2.6 interface. The 'Update view & apply filter' button is highlighted with a red box. The 'Filter' field shows the position coordinates: 'Position=(46.2876,4.1436,29.2671,26.5606)'. The 'Location' section is also visible, showing the coordinates entered in the previous step.

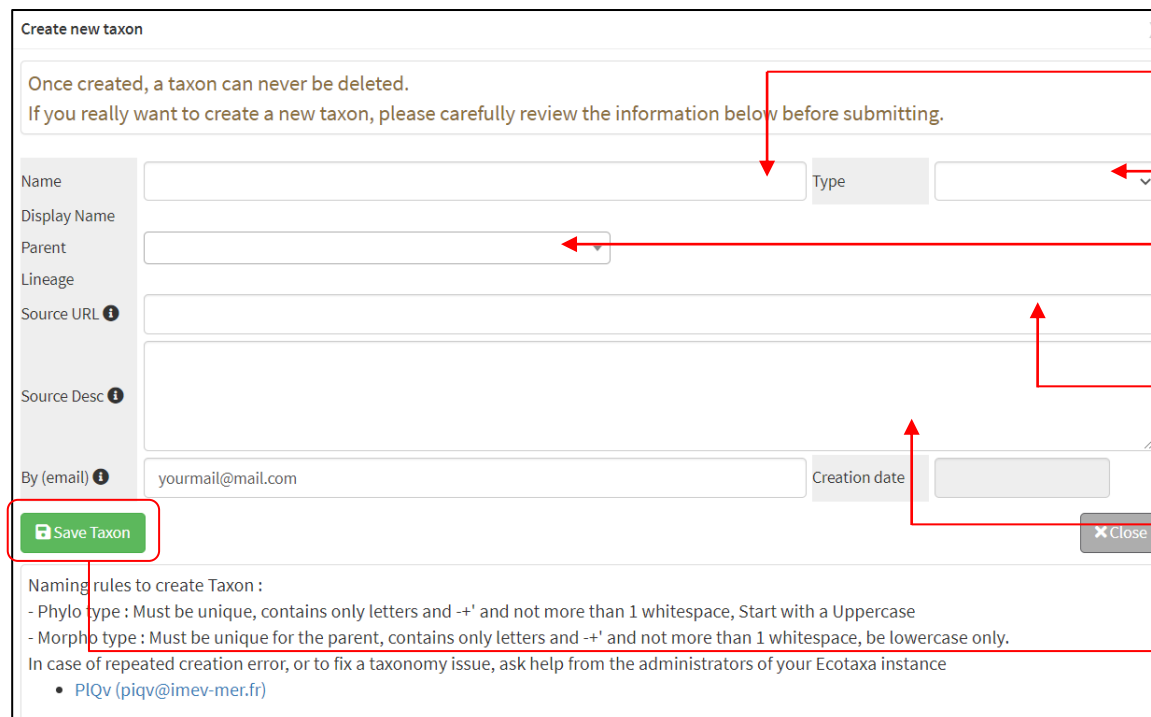
Click on "Update view & apply filter" button to apply your geographical area

11.4 How to create a new category

If you do not find your category because it does not exist in ecotaxa, you can create it by clicking on "Create category":



Click on "Create taxon"



Once created, a taxon can never be deleted.
If you really want to create a new taxon, please carefully review the information below before submitting.

Name

Display Name

Parent

Lineage

Source URL

Source Desc

By (email)

Creation date

Save Taxon

Close

Naming rules to create Taxon :

- Phylo type : Must be unique, contains only letters and '-' and not more than 1 whitespace, Start with a Uppercase
- Morpho type : Must be unique for the parent, contains only letters and '-' and not more than 1 whitespace, be lowercase only.

In case of repeated creation error, or to fix a taxonomy issue, ask help from the administrators of your Ecotaxa instance

- PIQv (piqv@imev-mer.fr)

Write the name of desired category

Choose the type of your categorie*

Write the name of category above the desired category in the lineage. If it does not exist, you have to create it.

If the category is described on the web, you enter the link (for exempla WORMS)

If the category is not described on the web, you have to write a description of your category

Click on Save Taxon button after filling the form

*type : "Phylo" = phylogenetic name or "Morpho" = refers to a morphological category (for example : part of Crustacea)

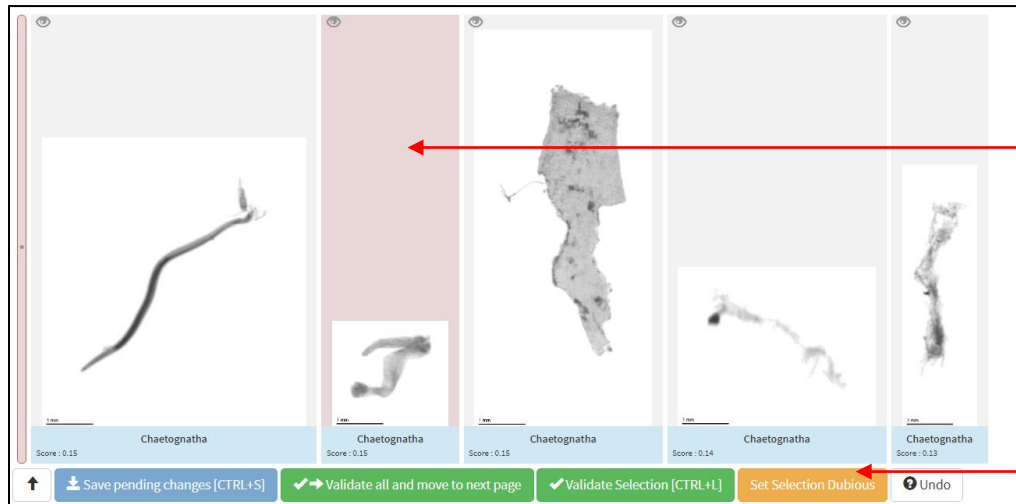
11.5 I do not know this organism, where do I classify it?

11.5.1 Save as dubious

Note: This step is possible only if you are **Manager or Annotator** (see chapter 5.2)

When you are not sure which category to put an image in, you can classify it as dubious: You have 2 options

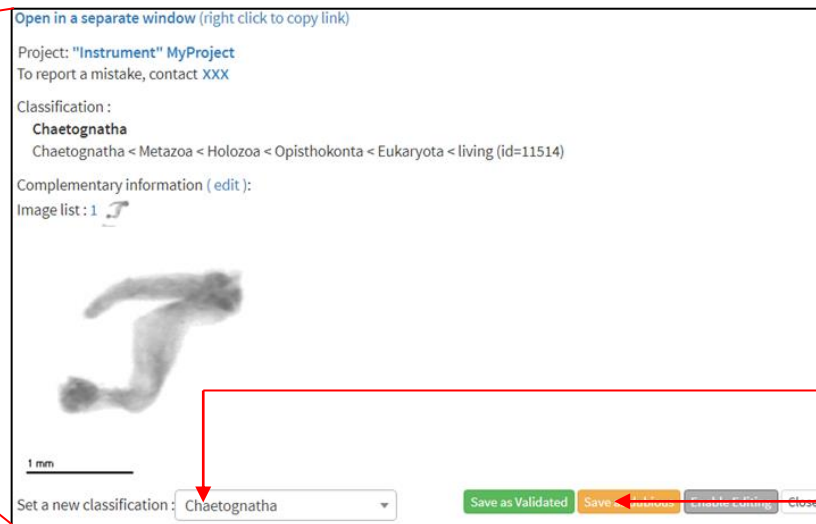
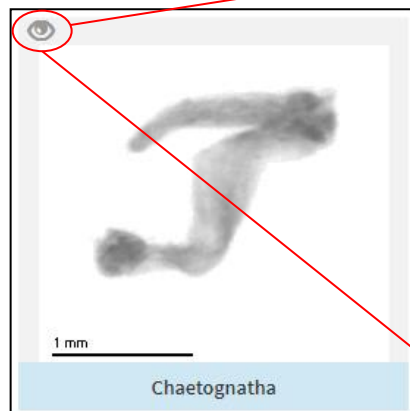
First way:



Select the image(s) (see chapter 7.1.1 and chapter 7.1.2)

Click on the "Set Selection Dubious" button : this image will be dubious "Chaetognatha" because it is already predicted on this category

Second way:



Write the category name

Click on the "Save as dubious" button

Result:

The screenshot displays a biodiversity data interface. On the left, a 'Taxonomy filter' sidebar lists various taxonomic groups with associated counts. The 'Chaetognatha' group is highlighted with a red box, showing counts of 4413 (green), 156 (blue), and 1 (orange). Below it, the 'head < Chaetognatha' sub-category is listed with a count of 2. The main area on the right shows four image panels, each labeled 'Chaetognatha' and containing a 1 mm scale bar. The second panel from the left is highlighted with a red box and an orange background, indicating a 'dubious' status. The other three panels have light blue backgrounds. The top of the interface shows random IDs for each panel: 86030008, 85877830, 85809157, and 82386344. The bottom of the highlighted panel shows the ID 83164035.

Taxonomy filter	Other filters	Random ID
Actinopterygii (167)		86030008
egg < Actinopterygii (361)		85877830
egg < Sardina pilchardus (597)		85809157
egg 1 temp < Engraulidae temp (2)		
scale (2)		
Annelida (20)		
Tomopteridae (2)		
larvae < Annelida (14)		
Chaetognatha (4413, 156, 1)		
head < Chaetognatha (2)		
tail < Chaetognatha (849, 148)		
Cnidaria < Metazoa (0)		
Hydrozoa (641, 454)		
Abylidae (1)		
eudoxie < Abylidae (1)		
Aglaura (28)		
Leptothecata (14)		

Your image has the dubious status (orange color ; see chapter 2.3)

11.5.2 Temporary categories and share page

- If you have several images that you do not know how to classify and which **do not have** common morphological characteristics, you can put them in "othertocheck" or "other":

▼ other < living	0
othertocheck	0

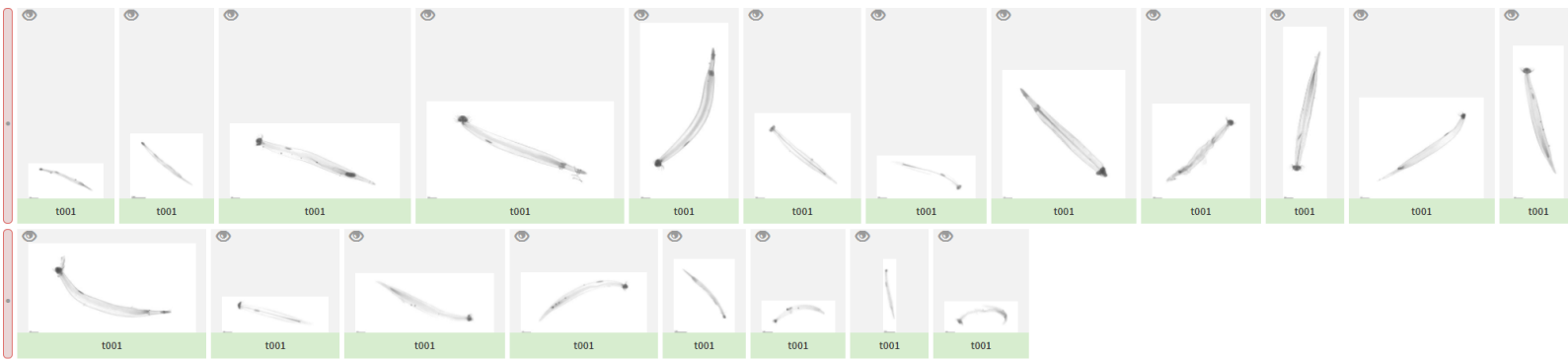
- If you have several images that you do not know how to classify and which **have** common morphological characteristics, you can put them in temporary categories (t001, t002, t003,...):

t001	0
t002	0
t003	0
t004	0
t005	0

"Instrument" MyProject (21, 0, 0, 0 / 21)

Filter: Taxo=t001 ✕

Select all ↑↓ Score ↓ ↑f Display Status All 1000 % 10 🔍 🗨️ 🔄



↑ Save pending changes [CTRL+S] ✓ Validate all and move to next page ✓ Validate Selection [CTRL+L] Set Selection Dubious Undo

- After your sorting, you want help on unknown temporary categories. For this, you can share your page with colleague or a taxonomic expert:

Define your filters :

"Instrument" MyProject (21, 0, 0, 0 / 21)

Filter: Taxo= t001 ✕ Status= Validated ✕

Click on "Other filters", then "Share page" button:

Update view & apply filter

Taxonomy filter ⓘ Other filters

Share page ✕ Clear all filters

Sample Advanced Clear

Sample

An email page opens and you can share you page to have an opinion on your images

Rédaction : Ecotaxa page share - Thunderbird

Echier Édition Affichage Insérer Format Options Outils Aide

Envoyer Orthographe Sécurité Enregistrer Joindre

Dé PIQv <piqv@imev-mer.fr> piqv@imev-mer.fr

Pour

Sujet Ecotaxa page share

Préformaté Largeur fixe

Hello,

An Ecotaxa user want share this page with you

<https://ecotaxa.obs-vlfr.fr/prj/3147?taxo=&taxochild=&ipp=100&zoom=100&sortby=&magenabled=0&popupenabled=0&statusfilter=&samples=&instrum=&sortorder=asc&dispfield=&projid=3147&pageoffset=0>

--

Plateforme d'Imagerie Quantitative de Villefranche sur Mer

http://piqv.imev-mer.fr

<----->

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<----->

Français

11.6 Keyboard shortcut summary and new ones

Action	Keyboard shortcut	Chapters
Select all	ctrl+a	7.1.2
Assign category name	ctrl+d	7.2
Save validation	ctrl+s	7.2
Validate selected image	ctrl+l	7.2.4
Move from one image to another	ctrl+← or ctrl+↑ or ctrl+→ or ctrl+↓	none

12 Export data

Note: This step is possible only if you are **Manager or Annotator** (see chapter 5.2)

The image shows the 'Export' menu on the left and the 'Data Export' dialog box on the right. Red arrows and text boxes provide instructions for each option in the dialog.

Export menu (left):

- Project
- Train and Predict identifications V2
- Import images and metadata
- Fix category issues
- Export** (highlighted)
- Edit project settings
- Extract Subset
- Merge another project in this project
- Edit or erase annotations massively
- Batch edit metadata
- Reset status to Predicted
- Delete objects or project

Data Export dialog (right):

Export format	Options
General export (configurable export for general purposes)	<ul style="list-style-type: none"><input checked="" type="checkbox"/> Object Data (median,mean, x, y, ...)<input checked="" type="checkbox"/> Process Data (software,version, ...)<input checked="" type="checkbox"/> Acquisition Data (Resolution, ...)<input checked="" type="checkbox"/> Sample Data (lat,long, date, ...)<input type="checkbox"/> Historical Data<input type="checkbox"/> Comments<input type="checkbox"/> Use coma as decimal separator <input type="checkbox"/> Format dates and times using - and :<input type="checkbox"/> Internal Ids (including taxonomic source Id)Split in multiple files by: NOT Active (dropdown)
Backup export (ready to re-import datasets, possibly including images)	<input type="checkbox"/> Export all image files
D.O.I. export (ready to publish datasets)	Export image files : NO Images (dropdown) To archive a dataset in a public repository for future scientific exploitation (and possibly attach a DOI to it), use this option. It will export all classifications in an easily readable, non-ambiguous format as well as all the metadata associated with each object. If you choose to export images, they will be sorted taxonomically in subfolders. Beware, however, that many online repositories may not accept to host the images because of their size.
Summary	Count per category and Whole Project (dropdown)

Annotations:

- you can choose columns and options in your exported table .tsv** (points to the 'Options' section)
- allows to export the initial table .tsv in which you find the classification columns in addition** (points to 'General export')
- allows to have juste one .tsv table with all data or one .tsv table by sample or one .tsv table by categorie** (points to 'Split in multiple files by')
- allows to export a backup with or without images** (points to 'Backup export')
- allows to export DOI for publication** (points to 'D.O.I. export')
- allows to have a summary of count per category** (points to 'Summary')
- Click to save on the FTP Area** (points to 'Save export file on "Exported data" folder on the FTP Area')
- See chapter 3.4** (points to 'Object Data', 'Process Data', 'Acquisition Data', and 'Sample Data')

Footer:

65

Click on "Start Task" button

Start Task

Task Complete : Export successfull : File 'task_15591_export_582_20181029_1038.zip' is available on the 'Exported_data' FTP folder

Show Task

Your data is compressed in a zip or a tsv file named automatically depending to the format that you selected :

“task_numberofthetask_export_numberIDoftheproject_AAAAMMDDoftheexport_HHMMoftheexport.zip”

“....._exporting_.....zip”

“....._export_detailed_.....zip”

“....._export_reduced_.....zip”

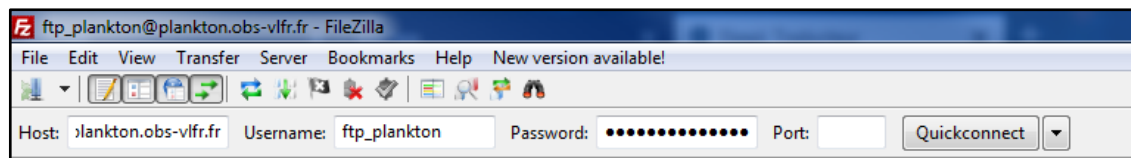
“....._export_summary_.....tsv”

- Connect your FTP

Host : plankton.obs-vlfr.fr

Username : ftp_plankton

Password : Pl@nkt0n4Ecotaxa



- Access to your data by clicking on Ecotaxa_Exported_data folder

- Drag and drop your file into your computer

Remote site: /Ecotaxa_Exported_data

Filename	Filesize	Filetype	Last modified	Permissions	Owner/Gro...
task_15524_exportimg_169_20181025_1057.zip	269 880 699	Archive WinRAR ZIP	10/25/2018 10:59:00 AM	-rw-rw-rw-	33 33
task_15504_export_detailed_20181025_00_10.zip	161 650	Archive WinRAR ZIP	10/25/2018 12:10:00 AM	-rw-rw-rw-	33 33
task_15502_export_detailed_20181024_21_27.zip	25 009 608	Archive WinRAR ZIP	10/24/2018 9:29:00 PM	-rw-rw-rw-	33 33
task_15495_export_1363_20181024_1746.zip	207 679	Archive WinRAR ZIP	10/24/2018 5:46:00 PM	-rw-rw-rw-	33 33
task_15468_exportimg_583_20181024_1438.zip	1 126 840 091	Archive WinRAR ZIP	10/24/2018 2:41:00 PM	-rw-rw-rw-	33 33
task_15459_export_reduced_20181024_01_54.zip	12 686 870	Archive WinRAR ZIP	10/24/2018 1:54:00 AM	-rw-rw-rw-	33 33
task_15167_export_detailed_20181016_14_37.zip	23 782	Archive WinRAR ZIP	10/16/2018 2:37:00 PM	-rw-rw-rw-	33 33
task_15153_export_149_20181016_1019.zip	460 485 005	Archive WinRAR ZIP	10/16/2018 10:28:00 AM	-rw-rw-rw-	33 33
task_15151_export_149_20181016_1009.zip	1 581 070	Archive WinRAR ZIP	10/16/2018 10:09:00 AM	-rw-rw-rw-	33 33
task_15145_export_622_20181016_0900.zip	11 649 608	Archive WinRAR ZIP	10/16/2018 9:00:00 AM	-rw-rw-rw-	33 33
task_14528_export_summary_950_20180917_2049.tsv	1 056	Fichier TSV	9/17/2018 8:49:00 PM	-rw-rw-rw-	33 33

- Memory management

After the exportation of your data, delete your files from the FTP.

- ➔ Anyone having these writing permission on our FTP can load and download any data from this FTP. It is thus IMPORTANT to remove your data as soon as it has been exported.

N.B.: you can export data by using predefined filters rather than whole project

Filtered ▾

Train and Predict identifications V2

Export

Extract Subset

Batch edit metadata

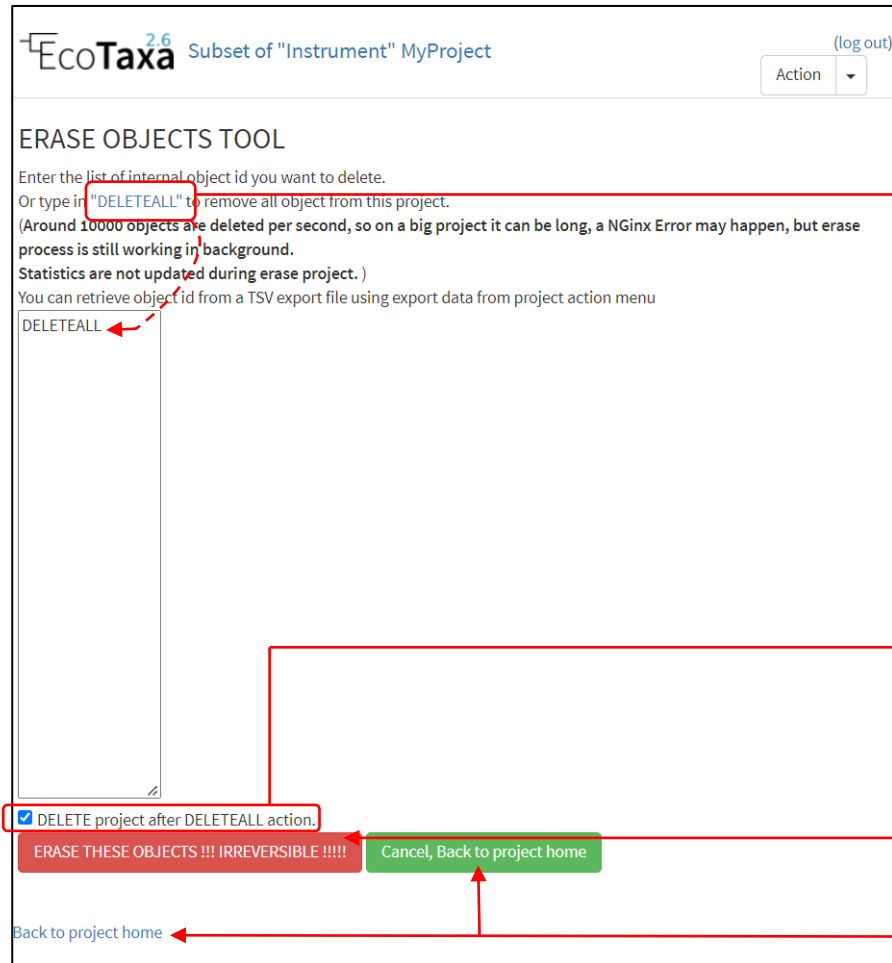
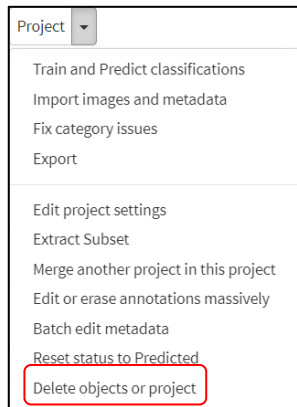
Reset status to Predicted

Delete objects

13 Delete objects or project

Note: This step is possible only if you are **Manager** (see chapter 5.2)

“Project” button -> “Delete objects or project” tool

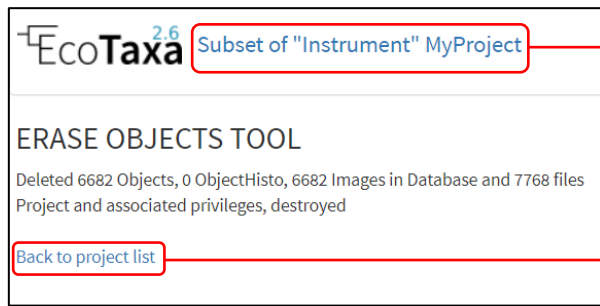


Allows to delete ALL objects from your project. If you click, "DELETEALL" appears in the rectangle

Allows to delete your project, if you do not click, your objects will be deleted but not your project

Allows to launch the delete tool

Allows to back to project home



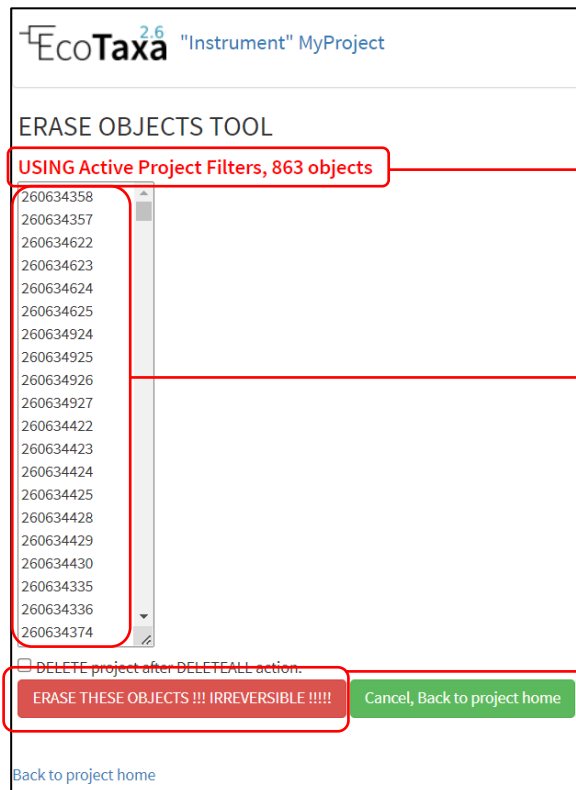
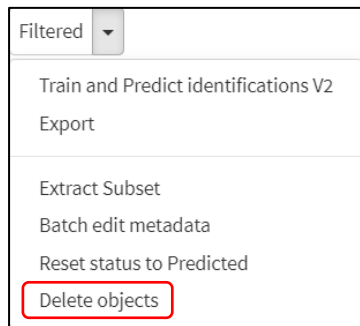
click



The project has been successfully deleted

Allows to back to project list

N.B.: you can delete objects by using predefined filters rather than whole project for example a sample



reminder on using filters + number of objects will be deleted

list of objects ID will be deleted

