

MAMIAS User Manual

Marine Mediterranean Invasive Alien Species (MAMIAS) · 9 October 2026

MAMIAS (Marine Mediterranean Invasive Alien Species) is the regional database of non-indigenous marine species recorded in the Mediterranean Sea, run by SPA/RAC for UNEP/MAP. Anyone can browse it; with a free account you can also contribute.

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What you can do

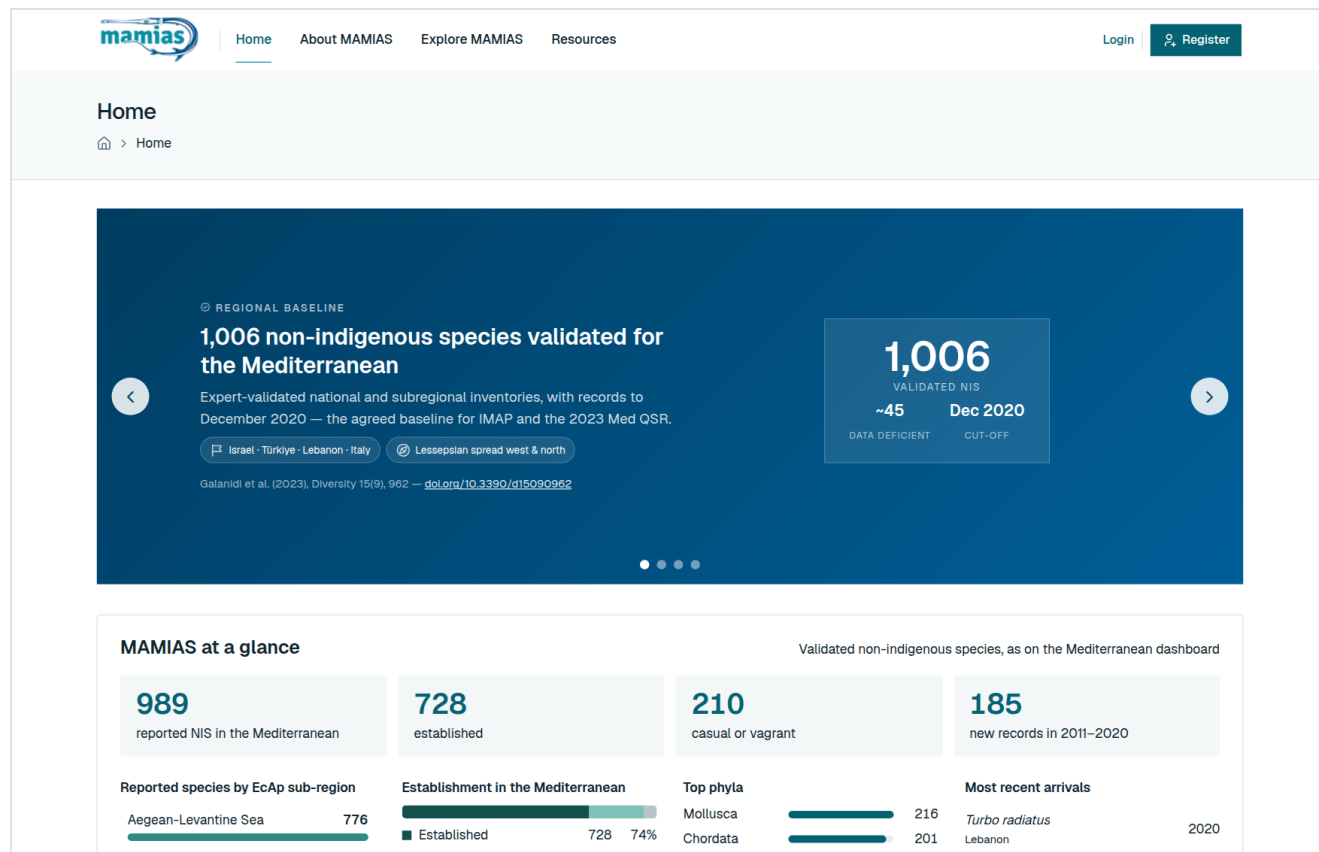
You can	Without an account	With an account
Browse the species catalogue and each species' page	Yes	Yes
Explore the species on a map, by subregion or country	Yes	Yes
See the Mediterranean and by-country dashboards	Yes	Yes
Read the legal pages, cookies policy and terms	Yes	Yes
Submit bibliographic references	No	Yes
Report a sighting of a listed species	No	Yes
Suggest a species MAMIAS does not list yet	No	Yes
Keep a profile (your name, country, expertise)	No	Yes

Everything contributors send is checked by the MAMIAS team before it appears in the database.

Browsing without an account

The whole database can be read without signing in. Use a computer or a tablet: on a phone-sized screen the site currently shows a notice asking for a larger screen.

Home page (/). An overview of MAMIAS with links to everything below. Its **MAMIAS at a glance** block sums up the Mediterranean dashboard: how many non-indigenous species are reported, how many per EcAp sub-region (click one to see it on the map), how established they are, the main groups and the latest arrivals.



Data explorer (/pages/data). Every non-indigenous species in the catalogue, one row each:


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Data

[Home](#) > [Explore MAMIAS](#) > [Data](#)


Filters
Reset

1st Year of Introduction*

1791
2020

1st Country of Introduction

All

NIS Status

All

Establishment Status

All

EcAp Subregion

All

Present in Country

All

CBD Pathway Category

All

Pathway Subcategory

All

Pathway Type

All

Uncertainty

All

Apply filters

Non-Indigenous species

Search

NIS Scientific Name ↓↑	1st Year of Introduction ↓↑	1st Country of Introduction ↓↑	NIS Status ↓↑	Establishment Status ↓↑	
<i>Ablennes hians</i> (Valenciennes, 1846)	2018	Syria	NIS	Casual	View data
<i>Abudofduf boaduf</i> (Steindachner, 1881)	2014	Malta	NIS	Casual	View data

Column	Meaning
NIS Scientific Name	The species, as accepted by WoRMS
1st Year of Introduction	Year of its first record in the Mediterranean
1st Country of Introduction	Country of that first record
NIS Status	Whether it counts as introduced (NIS), cryptogenic, questionable, a range expansion or data deficient
Establishment Status	Whether it reproduces there: established, invasive, casual, and so on

Type in **Search** to find a species by name or family. **Filters** above the table narrow it by year range, country, statuses, EcAp sub-region and introduction pathway: pick them, then click **Apply filters**. Click a row, or its **View data** button, to open the species. The page's **Guide** button explains it step by step.

Species page (/pages/data/...). Three parts. First, three tabs on one row: the **species** itself (its name and authority as the tab title, then its classification, identifiers and statuses; the Aphia ID links to WoRMS), **Synonyms** and **References**. Then the **Introduction event** (first record, statuses and the reference that documents it, with tabs for sub-regions, countries and pathways), and **Occurrences**, a map of every approved sighting.


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Pterois miles (Bennett, 1828)

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[Pterois miles](#) (Bennett, 1828)


[Synonyms](#) 2


[References](#) 0


[Animalia](#) > [Chordata](#) > [Teleostei](#) > [Perciformes](#) > [Scorpaenidae](#) > [Pterois](#)

Aphia ID 218077	EASIN ID R16480	LSID Copy LSID	Rank Species
Environment marine	WoRMS status Accepted	Catalogue status Checked & accepted	Last WoRMS sync 2 weeks ago


Introduction event
▼

First Mediterranean record 1991	First country Israel	NIS status NIS	Establishment Established
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Reference
 No reference linked

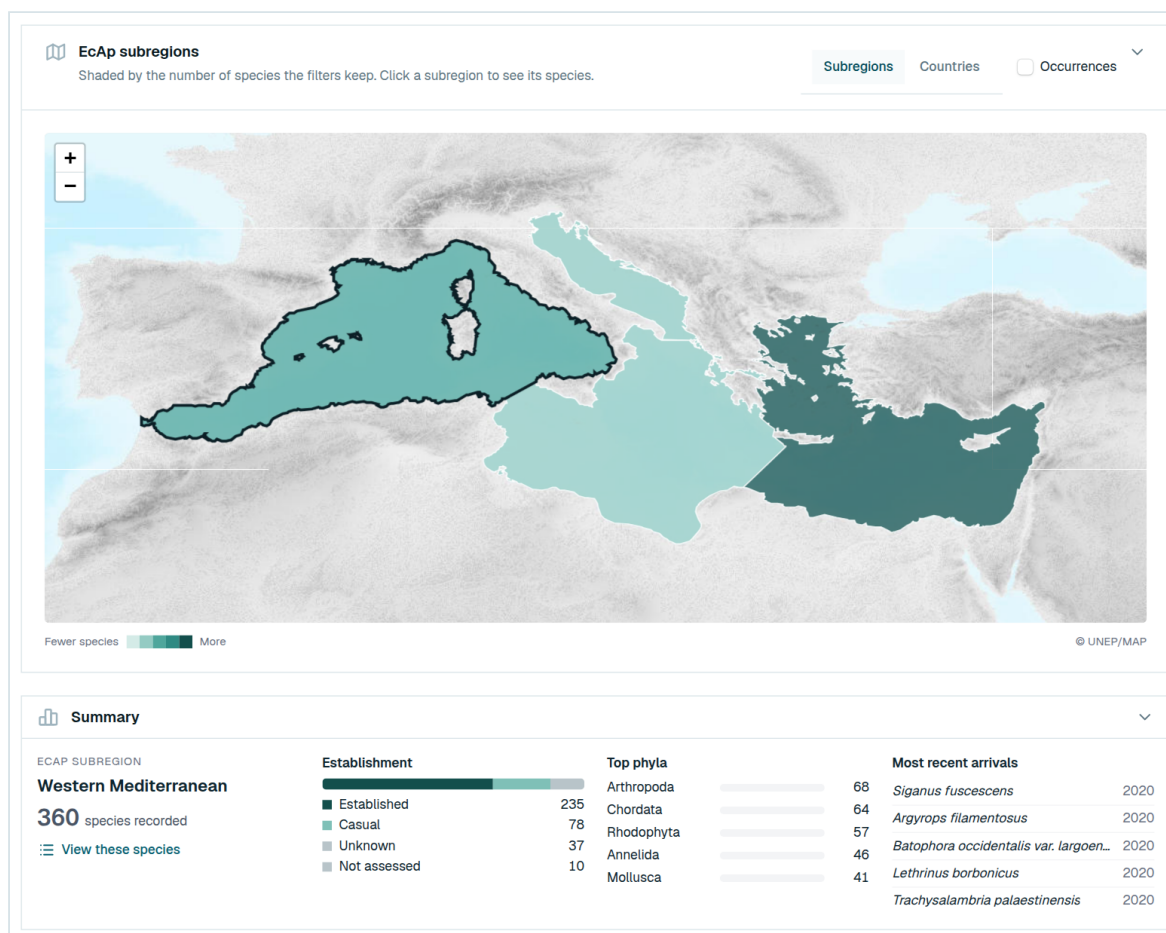

[Sub-regions](#) 4


[Countries](#) 0


[Pathways](#) 2

EcAp sub-region	NIS status	Establishment	First record
Western Mediterranean	—	Established	2015

Map (/pages/map). The species on a map of the Mediterranean, either by EcAp subregion (shaded by the number of species) or by country of first record (one bubble per country, at its centre or near its coast, sized by the number of species; no national boundaries are drawn). Click an area to see its summary (statuses, main groups, latest arrivals) and its species. The data explorer's filters sit above the map and apply at once; tick **Occurrences** to pin the approved sightings. The page's **Guide** button explains it step by step.



Dashboards. *Mediterranean dashboard* gives the basin-wide picture: how many species, since when, where, by which pathway, in which groups. *Dashboard by country* gives the same for one country. Both count only validated non-indigenous species, following the baseline of Galanidi et al. (2023).



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Mediterranean dashboard

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Mediterranean dashboard

Reported Non-Indigenous Species across the whole basin: how many, since when, where they occur, how they arrived and which groups they belong to. Figures update as the MAMIAS database does.

Reported NIS in the Mediterranean

Reported NIS

989

reported in the Mediterranean

Established

728

reported NIS with established populations

Casual / vagrant

210

reported NIS without establishment

Recent reports

185

first reported 2011–2020

Mediterranean-wide

Reported NIS across the whole basin.

Reported NIS by decade of first Mediterranean record

Bars: new reported NIS per decade · line: running total

Your account

An account is free and takes two minutes. You need one only to contribute.

Create an account

1. Open **/login** and click **sign up for an account**.
2. Fill in your title, first and last name, country, email address and a password, then tick the human check.
3. Click **Sign up**. MAMIAS emails you a confirmation link.
4. Click **Visit MAMIAS** in that email to confirm your address. Until you do, you can sign in but not contribute.



Marine Mediterranean Invasive Alien Species

The regional database for monitoring, reporting and analysing Non-Indigenous Species in the Mediterranean Sea.

SINCE 2012



Sign up

or sign in to your account

Title*

Mr ▾

First Name*

Leila

Last Name*

Haddad

Email address*

leila.haddad@example.org

Country*

Select an option ▾

Password*

👁

Confirm password*

👁

☐ Verify you're human

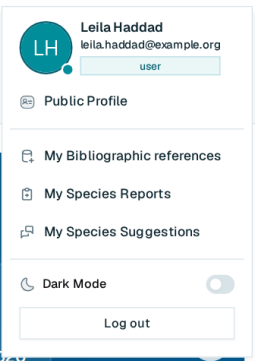
Cap

Sign up

No email after a few minutes? Check your spam folder, then use the link on the confirmation screen to send it again.

Sign in and out

Sign in at **/login** with your email and password. You land on the home page; your name at the top right opens your menu:



LH

Leila Haddad
 leila.haddad@example.org
 user

Public Profile

 My Bibliographic references

 My Species Reports

 My Species Suggestions

 Dark Mode

 Log out

1,006

VALIDATED NIS

~45

Dec 2020

DATA DEFICIENT

CUT-OFF

• Public Profile

- **My Bibliographic references**
- **My Species Reports**
- **My Species Suggestions**
- **Log out**

Forgot your password? Click **Forgot password?** on the sign-in page and follow the emailed link.

Your profile

Public Profile holds what the MAMIAS team knows about you:

Personal Details
Identity and contact information.

Title: Mr | First Name: Leila | Last Name: Haddad | Phone Number: +xxx xxx xxx xxx | Country: Tunisia

Account Information
Login credentials.

Email Address: leila.haddad@example.org | New Password: Leave blank to keep current password.

Professional Focus
Area of expertise and geographic interest.

Taxonomic Areas
Select taxonomic areas...

Phyla of scientific interest (sourced from WoRMS).

Biography
A short professional biography...

- **Personal details:** title, name, phone (a button checks whether it is on WhatsApp), country.
- **Account:** email address and password. A new email address must be confirmed again.
- **Professional focus:** the taxonomic groups you know, a short biography, and the EcAp sub-regions and countries you work in. It helps the team know whom to ask about a record.

Click **Save Data** when you are done.

Contributing

There are three ways to add to MAMIAS, each with its own page in your menu. Pick by what you have in hand:

You have	Use	Button
A publication recording a non-indigenous species	My Bibliographic references	Add New Reference
A sighting of a species MAMIAS already lists	My Species Reports	Report New Occurrence
A non-indigenous species MAMIAS does not list yet	My Species Suggestions	Suggest New NIS

Each page shows your submissions with their status (*Pending Review*, *Approved*, *Rejected*) and counters at the top. Each has a **Guide** button with illustrated, step-by-step help; the summary below is enough to start.

My Species Reports

🏠 > My Species Reports

Total
4

Pending
2

Approved
1

Rejected
1

🔍 Guide

📄 Report New Occurrence

🔍 Search

📄

Species ↓↑	Status ↓↑	Location	Depth ↓↑	Observed ↓↑	Submitted ↓↑	
<i>Fistularia commersonii</i>	🕒 Pending Review		14 m	02 Oct 2026 10:30	04 Oct 2026 10:15	👁 View ✎ Edit 🗑 Withdraw
<i>Siganus luridus</i>	🕒 Pending Review		6 m	29 Sep 2026 10:30	01 Oct 2026 13:00	👁 View ✎ Edit 🗑 Withdraw
<i>Lagocephalus sceleratus</i>	✅ Approved		25 m	13 Sep 2026 10:30	15 Sep 2026 13:00	👁 View
<i>Siganus rivulatus</i>	❌ Rejected		5 m	08 Sep 2026 10:30	10 Sep 2026 10:15	👁 View 🔄 Revise & resubmit

Showing 1 to 4 of 4 results

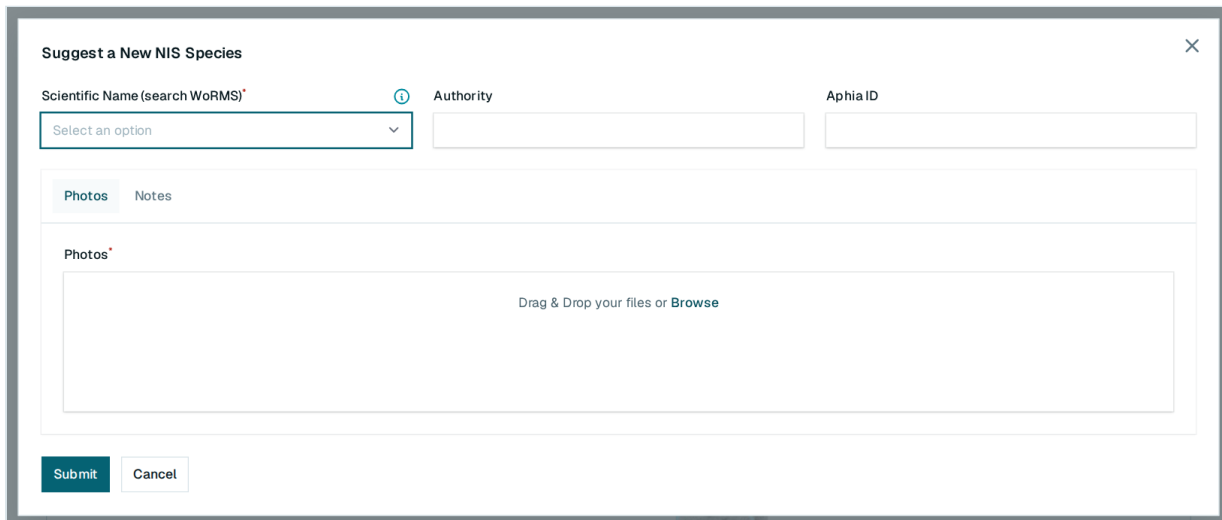
Per page 10 ▾

Add a reference

Paste the publication's **DOI**: the title, authors, year and type are filled in from Crossref. Check them, attach the PDF if you have it (10 MB at most), and submit. If MAMIAS already holds the publication, the form says so under the DOI. A rejection is final for references, but you can discuss any reference with the reviewers through its **Discussion** badge.

Suggest a species

Type at least four letters of the **scientific name**: names come from WoRMS, and *[verified]* marks the accepted one. Authority and Aphia ID fill in by themselves. Add photos (required) and link the publications that record the species in the Mediterranean. When approved, the species joins the catalogue as a draft for the team to complete. If rejected, **Resubmit** sends a copy back with whatever you add. The **Discussion** in a suggestion's details is the place to talk with the team; replies are not emailed, so look back for them.



The screenshot shows a web form titled "Suggest a New NIS Species" with a close button (X) in the top right corner. The form contains the following elements:

- Scientific Name (search WoRMS)***: A dropdown menu with "Select an option" and a small information icon (i).
- Authority**: A text input field.
- Aphia ID**: A text input field.
- Photos** and **Notes**: Two tabs, with "Photos" currently selected.
- Photos***: A large rectangular area for uploading photos, with the text "Drag & Drop your files or [Browse](#)".
- Submit** and **Cancel**: Two buttons at the bottom left.

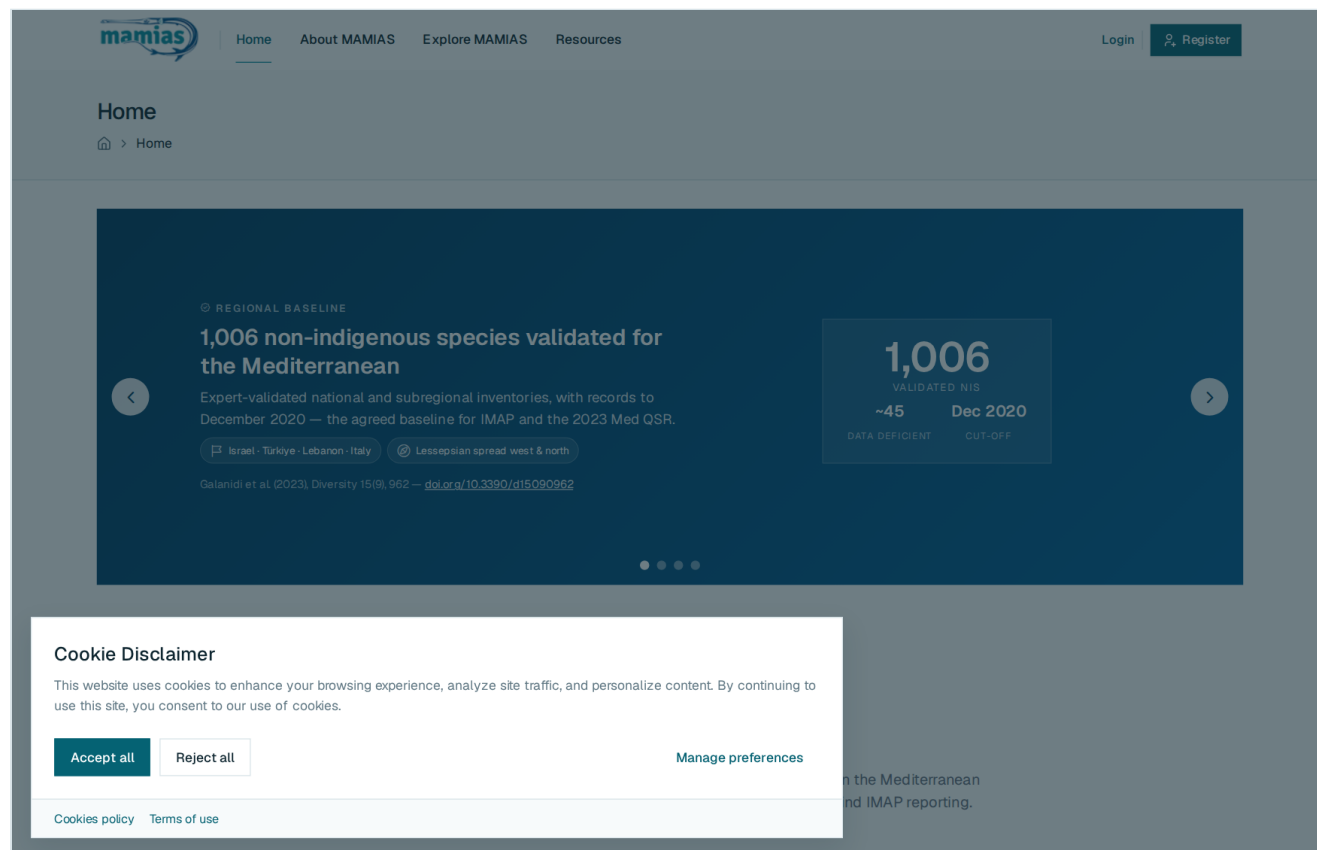
Emails, privacy and terms

MAMIAS emails you only about your own account and submissions:

Email	When	Its button opens
Confirm your address	You sign up or change your email	MAMIAS, confirming the address
Password reset	You click Forgot password?	The new-password page
Your reference was reviewed	A reviewer approves or rejects a reference	My Bibliographic references
New comment on your reference	A reviewer writes in its Discussion	The reference, to reply
Your occurrence report was approved / not accepted	A reviewer decides on a sighting	My Species Reports
Your species suggestion was approved / not accepted	A reviewer decides on a suggestion	—

Buttons in MAMIAS emails open the site in a normal browser tab.

Cookies. On your first visit a dialog asks for your choice: **Accept all** or **Reject all**. The site stays dimmed until you answer. To change your mind later, use **Change Cookie Preferences** at the bottom of any page. The **Cookies policy** page lists each cookie, why it is set and for how long.



Terms. The **Terms of use** page sets the conditions for using MAMIAS and contributing records. MAMIAS data may be reused under the CC BY 4.0 licence: credit MAMIAS as the source. The **Legal notice** names the publisher and host.

Questions and problems

Problem	What to do
The page is dimmed and nothing responds to clicks	Answer the cookie dialog (Accept all or Reject all)
The site asks for a larger screen	Use a computer or tablet; phone screens are not supported yet
No confirmation email after signing up	Check spam, then resend it from the confirmation screen

Problem	What to do
I can sign in but not open My Species Reports	Confirm your email address first
I forgot my password	Forgot password? on the sign-in page
My species is not in the report form	It is not catalogued yet: suggest it with Not listed?
My report was rejected	Hover its status for the reason, then Revise & resubmit
My reference was rejected	Rejection is final; ask the reviewers in its Discussion if you disagree
A map stays grey	The map server is briefly unreachable; reload the page later

For anything else, write to the MAMIAS team at the contact address given on the **Legal notice** page.