HELP

Identify your photos offline on a computer

Import the photos of a memory card into the desktop application, analyse them without network, check each fish, then find everything on the web.

Updated on 25 November 2026

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Written with the help of an AI

What it is for

The Reefwise desktop application (macOS, Windows, Linux) identifies the fish of your photos **on your computer**, without network: back from a boat trip or in a lodge without connection, you import the memory card, start the analysis and check each fish. Everything is sent to your account the next time you are online.

Before you start

- On a Mac, the application runs on Apple Silicon Macs (M1 chip or newer) with macOS 13.4 or newer. Open the downloaded `.dmg` file and drag Reefwise to **Applications**. At the first import from a memory card, the Desktop or Documents, macOS asks for your consent: accept so that Reefwise can read the photos.
- On Windows 10 (22H2) or 11, run the downloaded `setup.exe` installer: it installs without administrator rights and adds Microsoft's WebView2 display component if needed (a connection is needed during the installation).
- On Linux (Ubuntu 24.04 or newer, Debian 13, Fedora 41 or newer), install the `.deb` package or run the AppImage. For Reefwise to keep your session, a keyring (GNOME Keyring or KWallet) must be available; otherwise a banner says so and you sign in again at each start.
- Sign in **online** once: the application then gets your dives, the species catalog and the dangerous species alerts.
- The analysis models must be installed on the computer. They download on their own while online; otherwise the **Photos** screen offers **Download the models**. You can import your photos meanwhile.
- Supported formats: JPEG, HEIC and RAW (the JPEG preview embedded in the RAW file is analysed).

Import and analyse

1. Open **Photos** in the menu.
2. Click **Import a folder…** and choose the folder or the memory card. The original files are never changed; a photo already imported is not duplicated.
3. Each photo is placed in the dive containing its shooting time (the camera clock is assumed to be on the computer's time). The others stay **No dive**.
4. Click **Analyse N photos**. Each photo goes from **To analyse** to **Analysing…** then **Analysed**. **Stop the analysis** interrupts it: it resumes where it stopped.

Check the fish

1. Click a photo: the detected fish are framed and numbered.
2. For each fish:

Button	Effect
Validate	You confirm the suggested species.
One of the **Proposals**	You choose another species suggested by the AI (with its score).
Correct species	You search the species in the catalog; a name outside it is kept as typed.
Not a fish	The box is marked as a false positive.

1. The **Dive** field moves the photo to another dive as long as it has not been sent.

Find your photos on the web

As soon as the computer is back online, the sync sends the photos placed in a dive, with the analysis made on the computer, then your reviews. The indicator at the top of the screen shows what is waiting. On the web space, the fish carry the **On device** label until the server analysis replaces them; your reviews stay attached to the same fish.

Models and updates

In **Profile > Updates**:

1. The application looks for a new version once a day while the computer is online. Click **Install and restart** to install it: your photos, your reviews and what is waiting to be sent are kept.
2. The analysis models update on their own. An interrupted download resumes where it stopped, and the current models stay in use until the new ones are complete and checked.
3. Before a stay without network, choose a duration then **Pause**: nothing downloads in the meantime. **Resume now** checks again right away.

Good to know

- A photo with **No dive** is not sent: choose its dive in the photo detail.
- A photo **To analyse** waits for its analysis before being sent, so that its fish and your reviews come with it: start **Analyse**.
- **Unreadable photo**: the file was moved or the card removed before the analysis; import it again.
- **Disk full**: free some space, then start the import or the analysis again.
- A review made on the web after yours wins: the computer never overwrites a more recent change.

> Before leaving, sign in once online: your recent dives and the catalog will be available on site, even without network.

Scan to open the online version