

# A guide about how to use Photo Exifer

Fireebok Photo Exifer is a powerful and intuitive macOS application designed to add, edit, and remove photo metadata, including EXIF, TIFF, IPTC, and GPS information. It supports batch operations and works seamlessly with photos stored on your Mac, in the Photos app library, on iOS devices, and on external camera devices.

Photo Exifer provides a complete metadata editing solution for both **local photos** and the **iCloud Photo Library**. With its user-friendly tools and Quick Action workflows, you can batch-edit metadata for JPG images, Live Photos, and RAW files.

Additional features include copying metadata within the same photo or between different photos, detecting and removing duplicate photos, repairing missing or renamed referenced files in the Photos library, and merging multiple photo libraries.

Explore the full range of advanced features to efficiently organize, manage, and enhance your photo metadata.

## **Note:**

This **PDF product guide** will show you how to use Photo Exifer to edit metadata for both local photos and photos stored in your Photos app library. You can download it and read it **offline** on your computer at any time.

# **Edit Photos in Local Folder**

**Part 1: Remove Photo Metadata in Local Photo Mode**

**Part 2: Edit Photo Metadata in Local Photo Mode**

**Part 4: Edit All Photo Metadata in Local Photo Mode**

**Part 5: Change Photo Date in Local Photo Mode**

**Part 6: Rename Photos with photo metadata tags**

**Part 7: Merge Apple Photos and XMP photo metadata**

**Part 8: Merge Google Photos and Json photo metadata**

**Part 9: Add date and time stamp watermarks to photos**

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# **Edit Photos in Photo Library**

**Part 1: Filter and Sort Photos in Photo Library**

**Part 2: Edit Photo metadata in Photo Library**

**Part 3: Export Photos With Album and Photo Metadata**

**Part 4: Batch Edit Photo Metadata Tags**

**Part 5: Copy Photo Metadata to Photos**

**Part 6: Download Full-resolution iCloud Photos**

**Part 7: Find and Rename Photos with Same File Name**

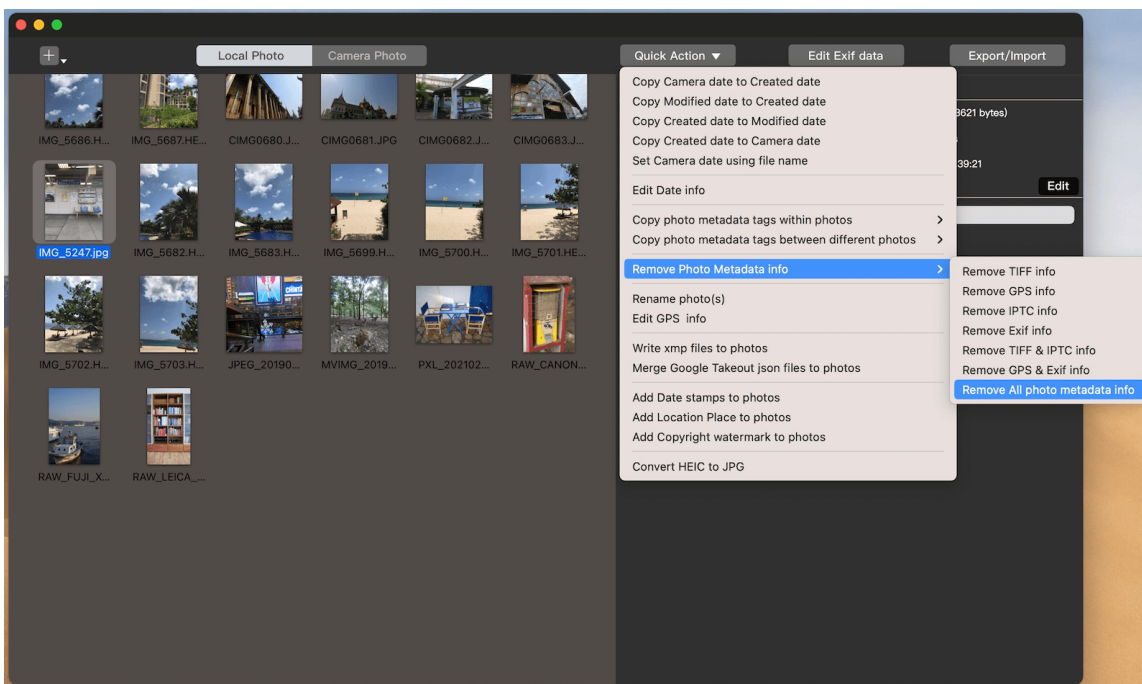
**Part 8: Find and Remove Duplicate Photos**

**Part 9: Fix Lost Referenced Photos**

**Part 10: Merge Photo Libraries**

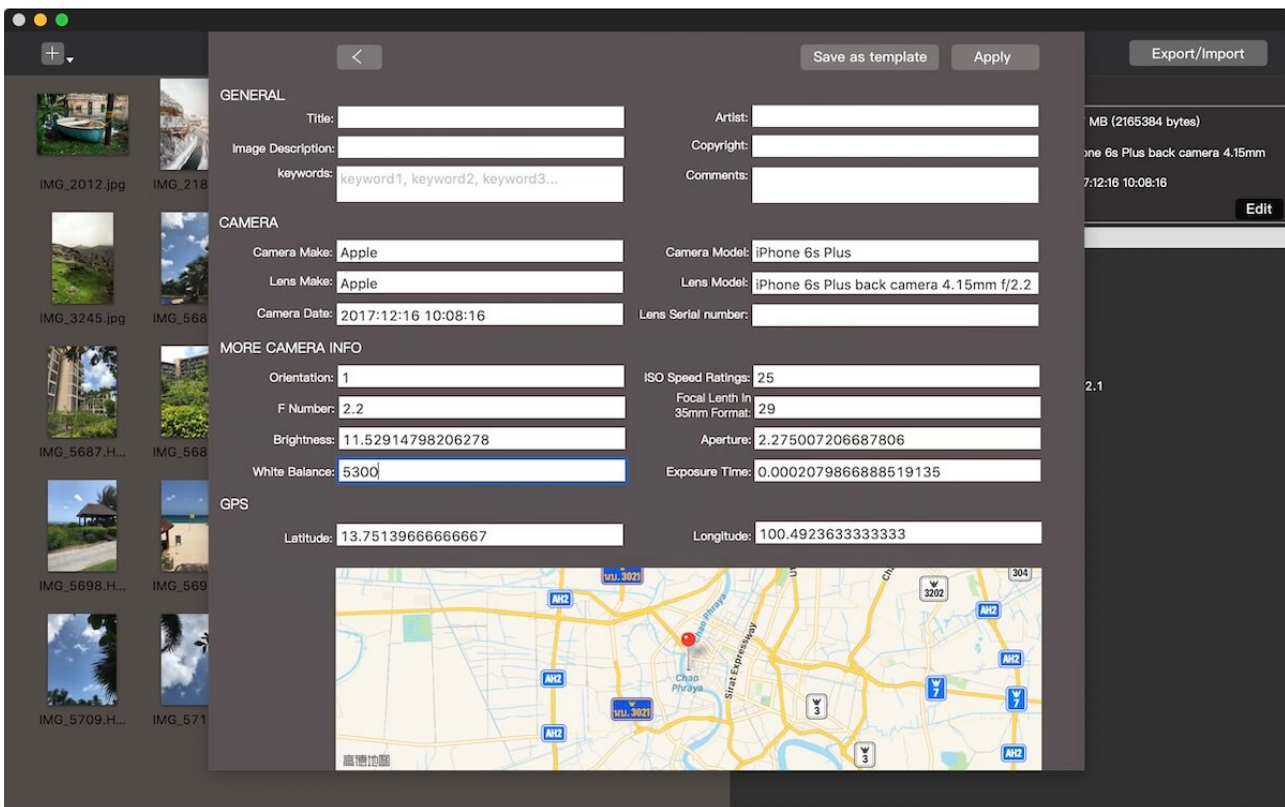
## Part 1: Remove Photo Metadata in Local Photo mode

1. Run Photo Exifer and import photos into Photo Exifer
2. Choose the photos in Photo Exifer
3. Click the **Quick Action** button → **Remove Photo Metadata Info** → **Remove All Photo Metadata Info** and other options to remove photo metadata.



## Part 2: Edit Photo Metadata in Local Photo Mode

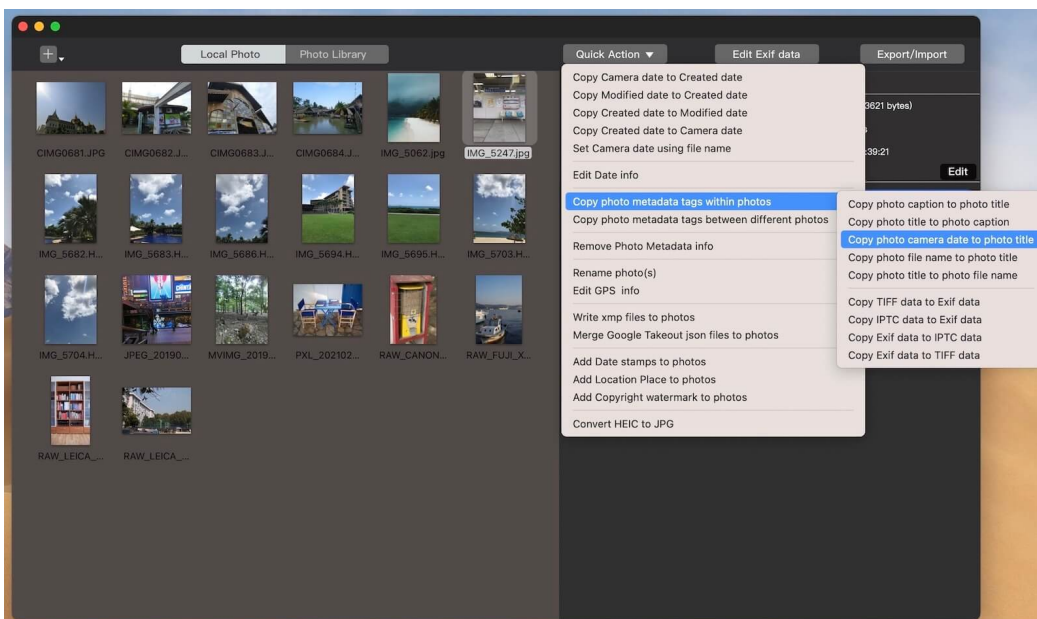
1. Selected photos in Photo Exifer
2. Click "**Edit Exif data**" button. Edit photo metadata tags like Title, Caption/Description, Keywords, Copyright, user comments tag and more.
3. Click "**Apply**" button to save.



## Part 3: Copy and Paste photo metadata in Local Mode

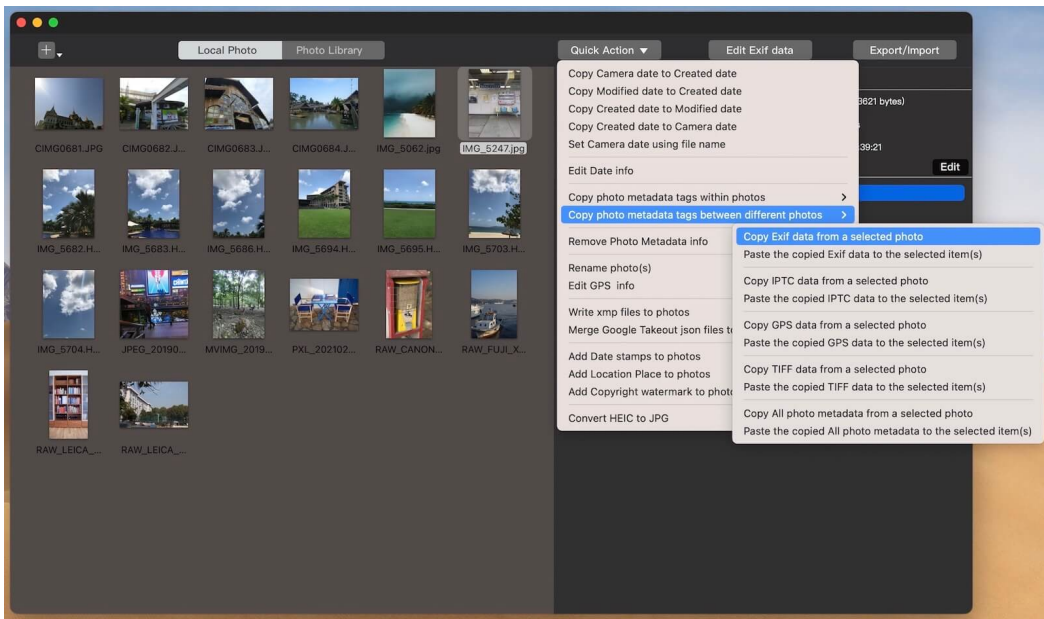
### ◆ Copy photo metadata tags within photos

1. Selected photos in Photo Exifer
2. Click "Quick Action" button -> "Copy photo metadata tags within photos" menu item.
3. Choose "Copy photo caption to photo title", "Copy photo title to photo caption" and more submenu items.



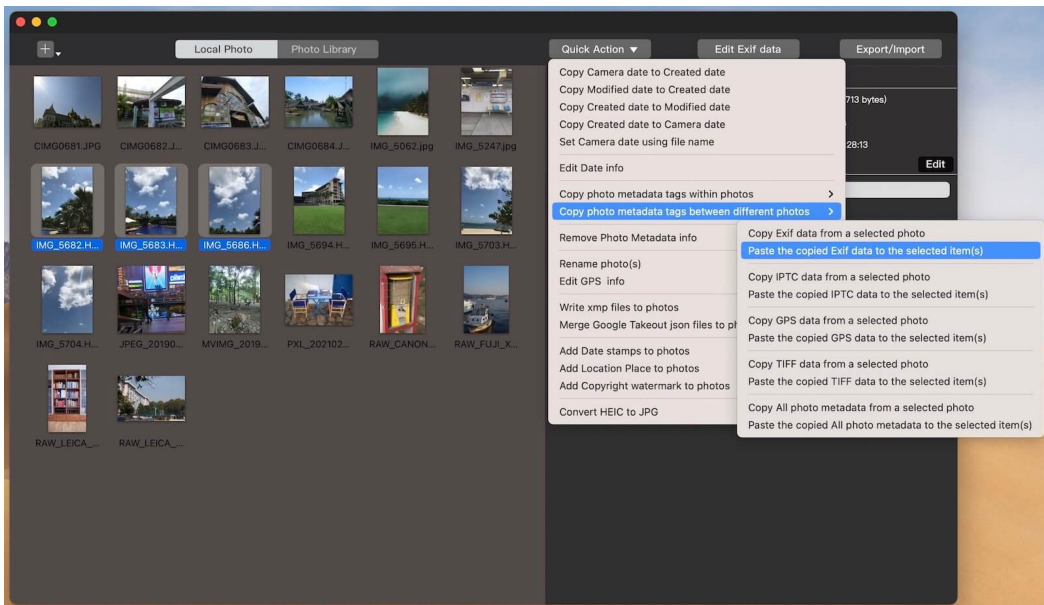
### ◆ Copy photo metadata between different photos

1. Selected a photo in Photo Exifer
2. Click "Quick Action" button -> "Copy photo metadata tags between different photos" -> "Copy Exif data from the selected photo".



3. Selected other photos in Photo Exifer

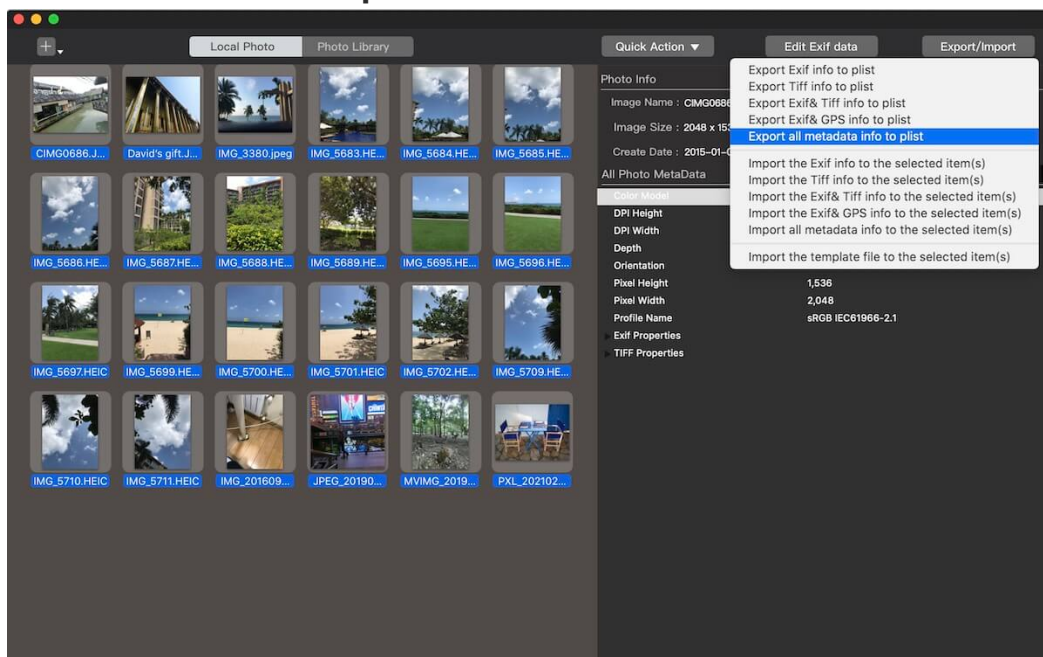
4. Click "Quick Action" button -> "Copy photo metadata tags between different photos" -> "Paste the copied Exif data to the selected items".



## Part 4: Edit all metadata tags by exporting and importing metadata plist

Photo Exifer provides the Export/Import feature to allow you to add, edit all metadata tags.

1. First select a photo in Photo Exifer.
2. Click "Export/Import" button → choose **Export all metadata info to plist**.

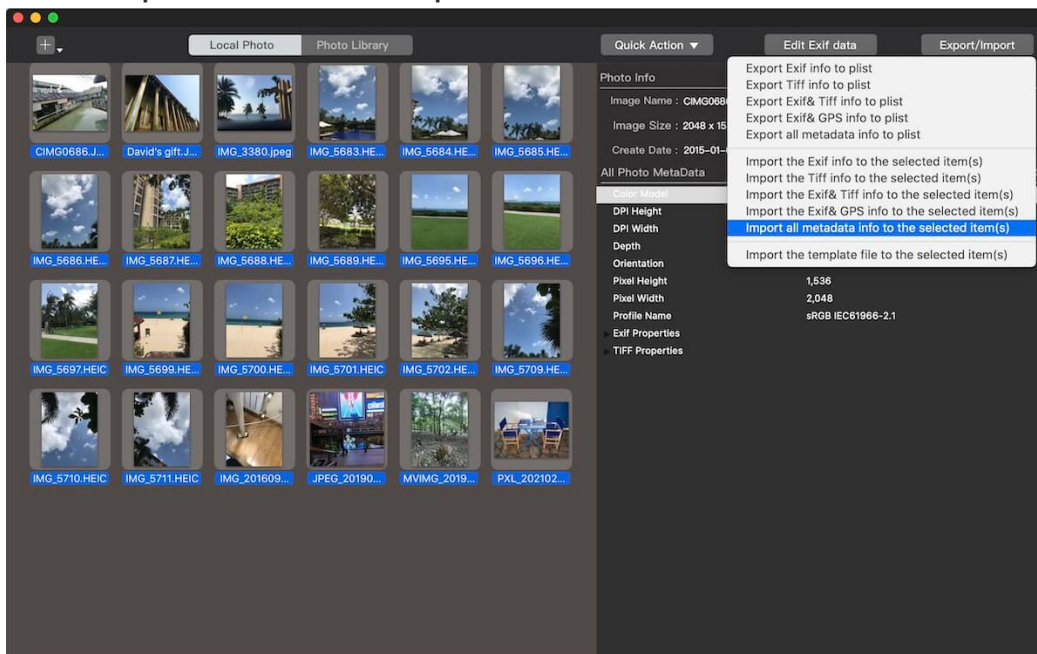


3. Open the plist file, and edit metadata tags that you want to change, add, delete, then save the plist file.

If you need more information about each photo metadata tag and photo metadata, please look up all photo metadata tags here.

Key	Type	Value
Information Property List	Dictionary	(24 items)
▶ CIMG0686.JPG	Dictionary	(10 items)
▼ David's gift.JPG	Dictionary	(12 items)
ColorModel	String	RGB
DPIHeight	Number	72
DPIWidth	Number	72
Depth	Number	8
Orientation	Number	1
PixelHeight	Number	1536
PixelWidth	Number	2048
ProfileName	String	sRGB IEC61966-2.1
▶ (Exif)	Dictionary	(31 items)
▶ (IPTC)	Dictionary	(4 items)
▶ (JFIF)	Dictionary	(4 items)
▶ (TIFF)	Dictionary	(8 items)
▶ IMG_20160926_182405_330.jpg	Dictionary	(7 items)
▶ IMG_3380.jpeg	Dictionary	(13 items)
▶ IMG_5683.HEIC	Dictionary	(13 items)
▶ IMG_5684.HEIC	Dictionary	(13 items)
▶ IMG_5685.HEIC	Dictionary	(13 items)
▶ IMG_5686.HEIC	Dictionary	(13 items)
▶ IMG_5687.HEIC	Dictionary	(13 items)
▶ IMG_5688.HEIC	Dictionary	(13 items)
▶ IMG_5689.HEIC	Dictionary	(13 items)
▶ IMG_5695.HEIC	Dictionary	(13 items)
▶ IMG_5696.HEIC	Dictionary	(13 items)
▶ IMG_5697.HEIC	Dictionary	(13 items)
▶ IMG_5699.HEIC	Dictionary	(13 items)
▶ IMG_5700.HEIC	Dictionary	(13 items)
▶ IMG_5701.HEIC	Dictionary	(13 items)
▶ IMG_5702.HEIC	Dictionary	(13 items)
▶ IMG_5709.HEIC	Dictionary	(13 items)
▶ IMG_5710.HEIC	Dictionary	(13 items)
▶ IMG_5711.HEIC	Dictionary	(14 items)
▶ JPEG_20190427_183046.194.JPG	Dictionary	(10 items)
▶ MVIMG_20190927_213913_ANIT...	Dictionary	(10 items)
▶ PXL_20210228_145050446.dng	Dictionary	(9 items)

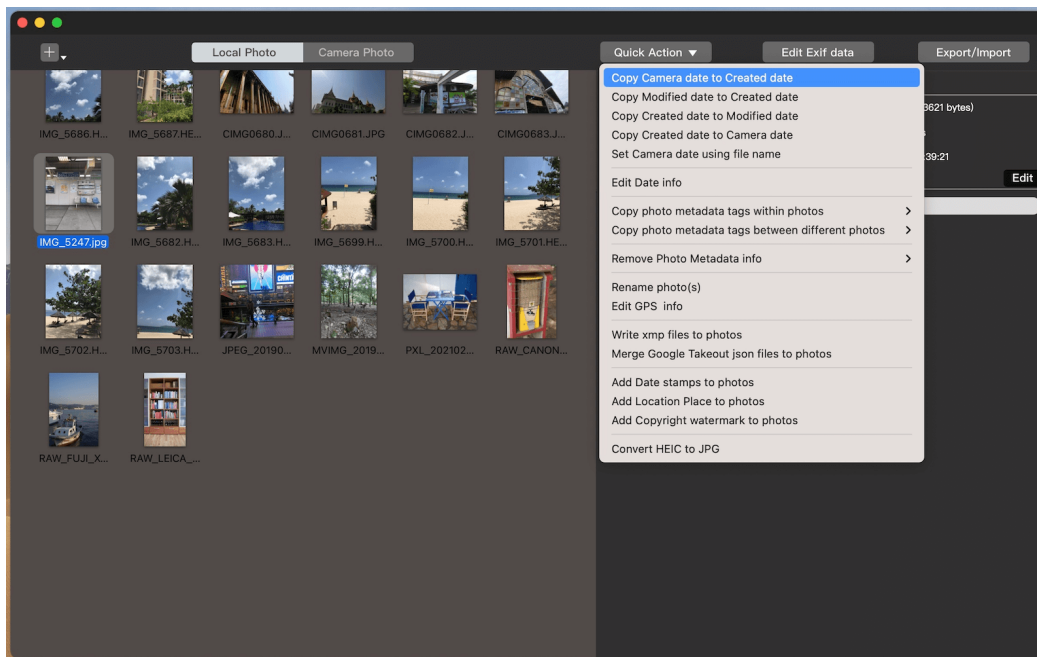
- Select photos you want to apply the changed plist metadata in Photo Exifer.
- Click "Export/Import" button → "Import all metadata info to the selected item(s)", and open the saved plist file. It will done.



## Part 5: Change Photo date in Local Photo Mode

### ◆ Copy Photo Date

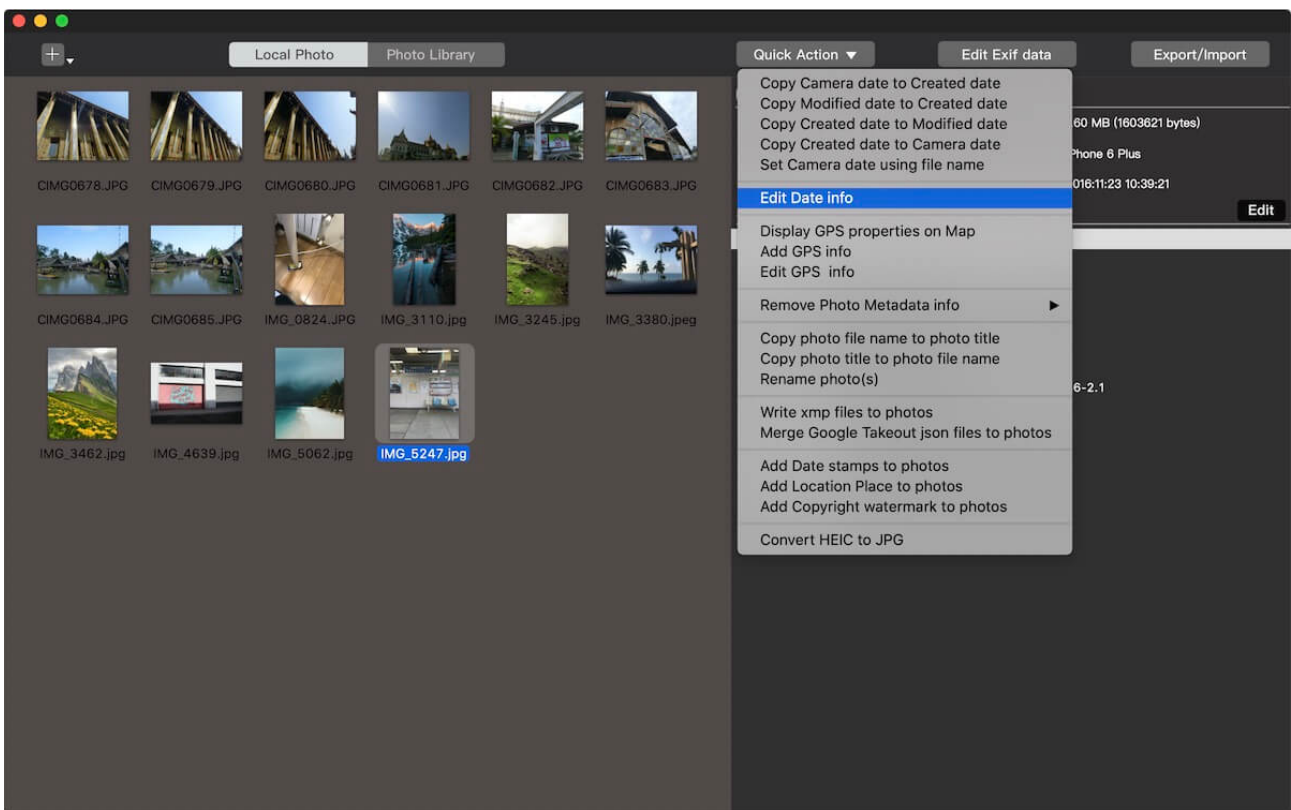
1. Choose photos in Photo Exifer.
2. Click the **Quick Action** button → “**Copy exif date to the create date**” or other copy photo date menu item.



### ◆ Edit Photo Date

1. Choose photos in Photo Exifer.
2. Click the **Quick Action** button → **Edit date info**

It will pop-up the change date window. It provides three options to change the camera date information.



### Option 1:

Add or subtract time intervals to the selected photos to adjust photo date and time, such as years, months, days, hours and more.

### Option 2:

Set the same date/time to the all selected photos.

### Option 3:

This function is use photo shooting offset date and time to adjust photo date and time.

Choose one of three options, after editing photo date and time, click **Save changes**.

## Three ways to Batch change Exif Date and Create Date

### 1. Adjust the date by mathematically increasing and decreasing the date/time

For example, change the date from 2017-06-12 to 2018-7-15, select Add time, Set Years: 1, Month: 1, Days: 3

Add Time     Subtract Time

Years:     Month:     Days:

Hours:     Minutes:     Seconds:

### 2. Set the date/time to the select photos

Changed date:

Add   between each photo

### 3. Adjust the date by the difference time of selected photos

Step 1. On the left, choose a photo from your selected photos to change the date.

Step 2. Set a new date/time for the left photo in the After section. Then other photos will change the date based on the time difference from this photo.



Before

Created date:

Camera date:

After

Created date:

Camera date:

Cancel

Save changes ▼

## Part 6: Rename Photos in Local Photos Mode

1. Choose photos in Photo Exifer.
2. Click the **Quick Action** button → **Rename Photo(s)**

### Option 1:

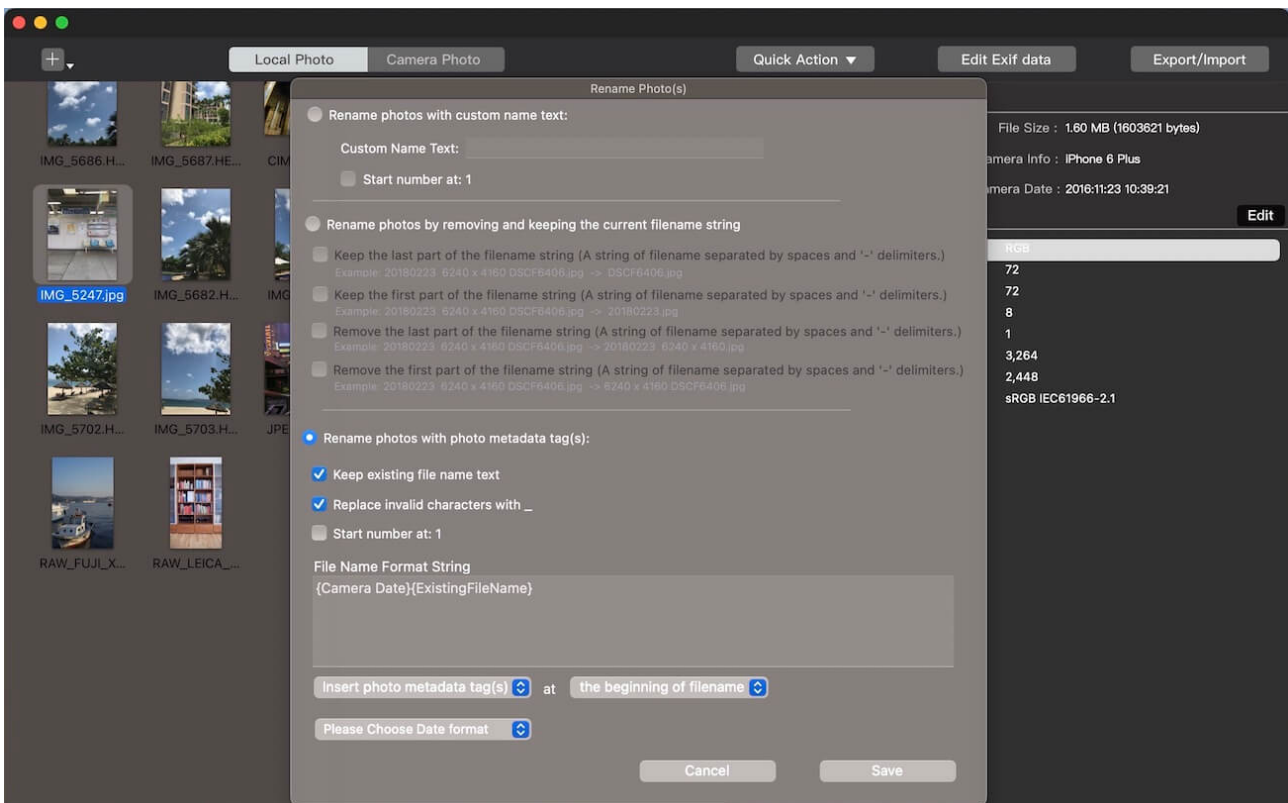
Rename photos with custom text

### Option 2:

Rename Photos by Removing and Keeping Specific Substrings

### Option 3:

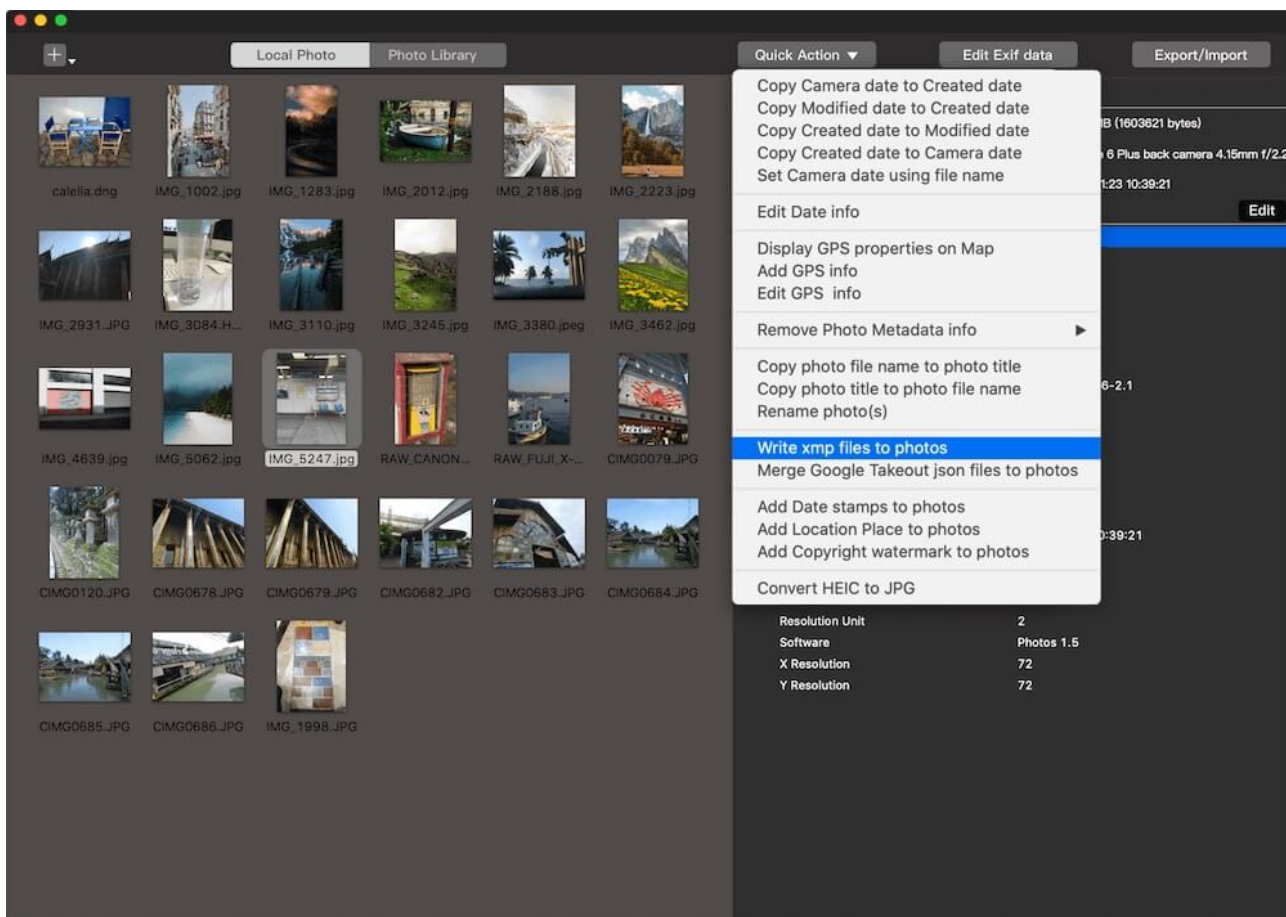
Rename photos with different photo metadata tags



## Part 7: Merge Apple Photos and XMP photo metadata

Please put your exported Apple Photos and XMP files into a folder or sub folder.

1. Choose photos in Photo Exifer.
2. Click the **Quick Action** button → **Write Xmp files to Photos**
3. Open the folder, it will work.

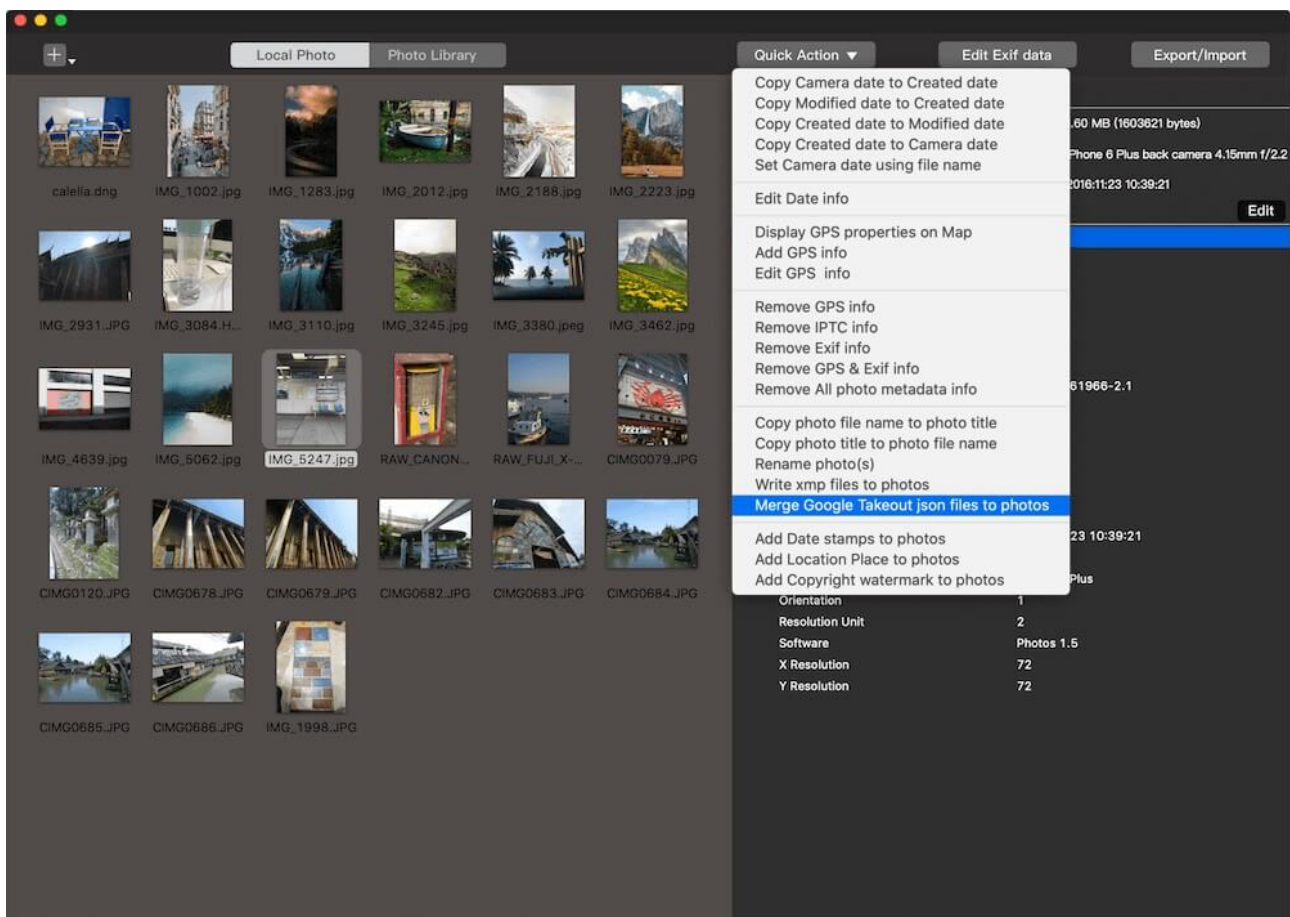


## Part 8: Merge Google Photos and Json photo metadata

First download your Google Photos with Google

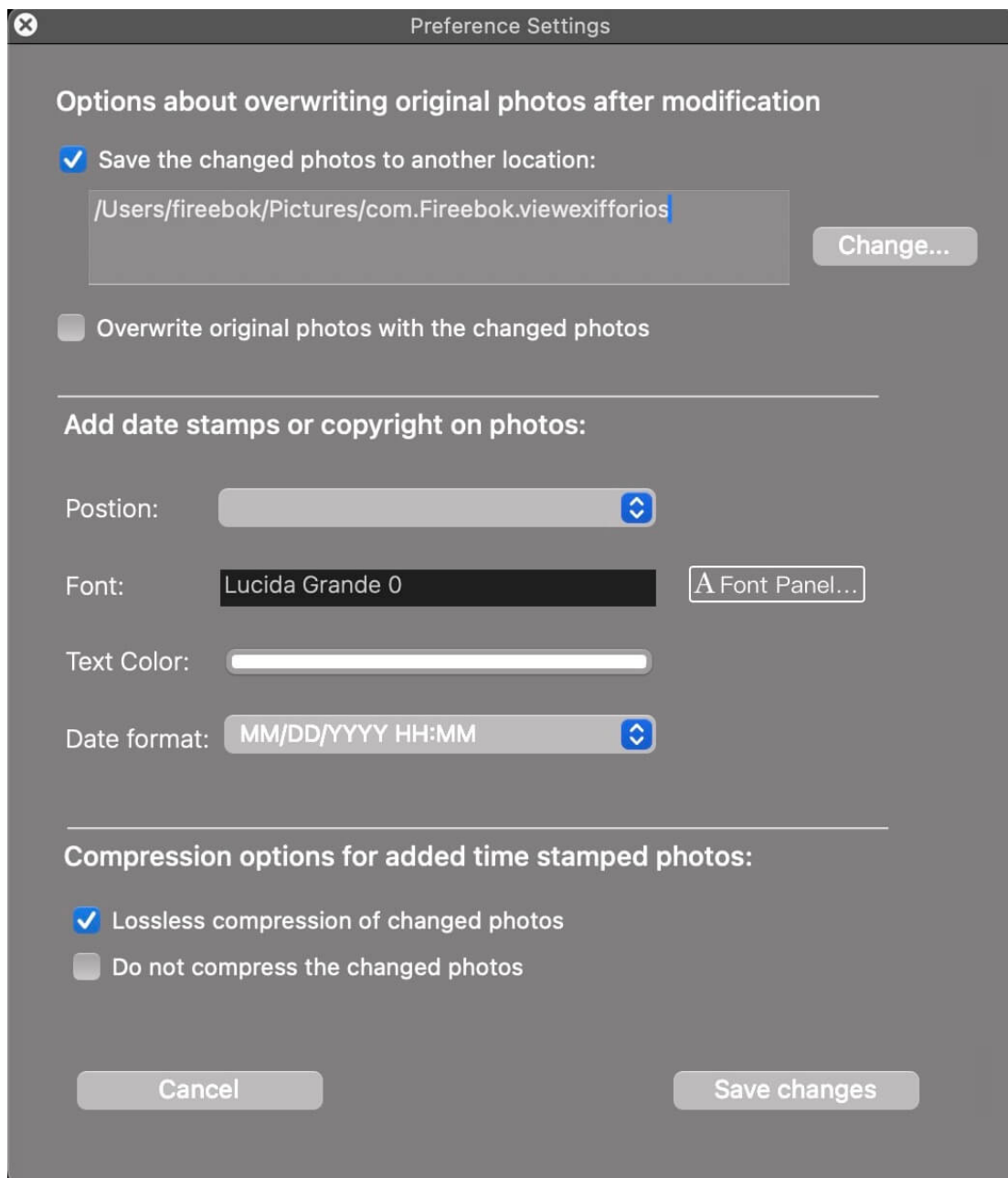
Takeout. The Takeout folder will contain the Google Photos and json files into the folder or sub folder.

1. Choose photos in Photo Exifer.
2. Click the **Quick Action** button → **Merge Google Takeout json files to Photos.**
3. Open the Google Takeout folder, it will work.

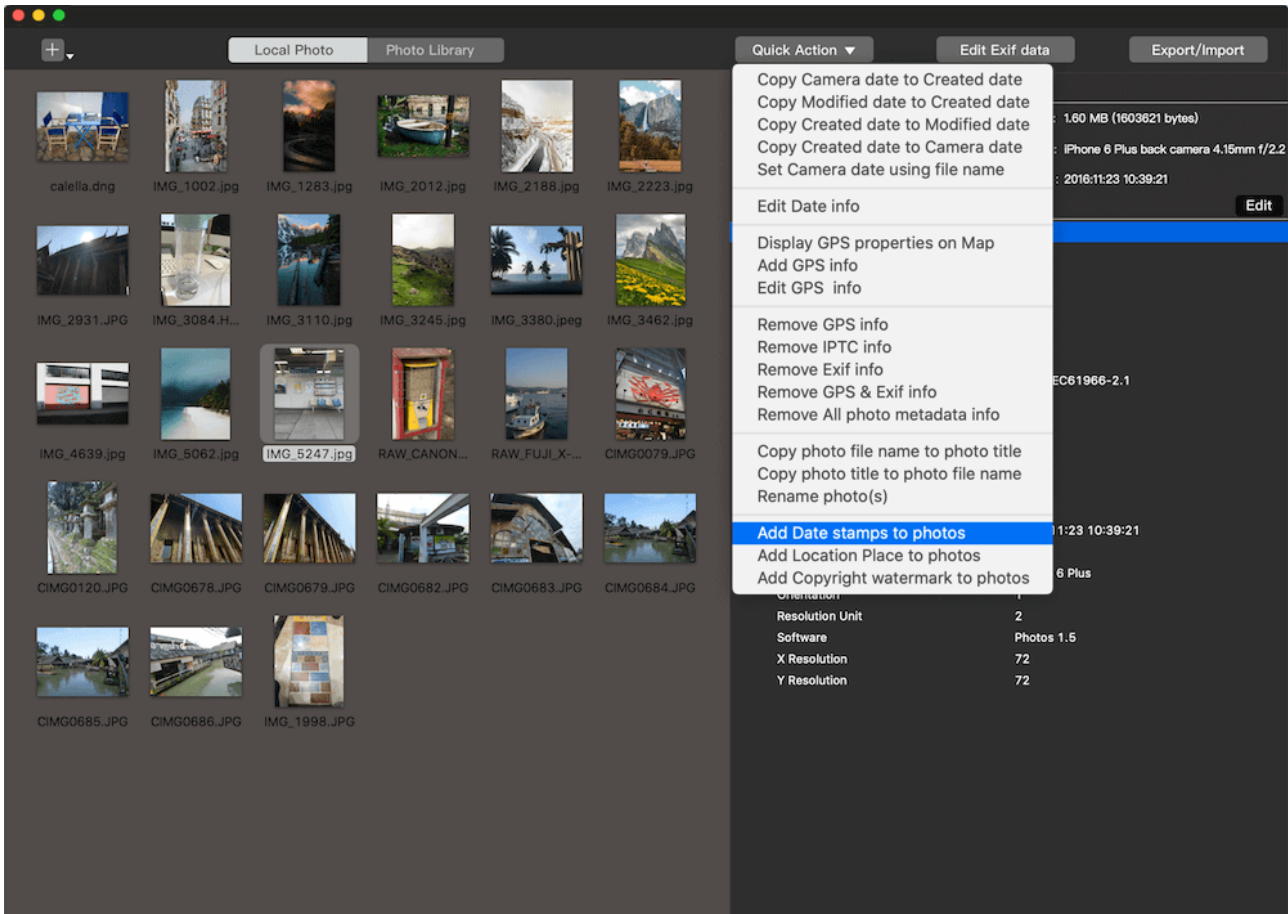


## Part 9: Add date and time stamps watermark to photos

1. Choose photos in Photo Exifer, and make sure the selected photos contains the exif date
2. Change different fonts, text colors and text positions in App Settings



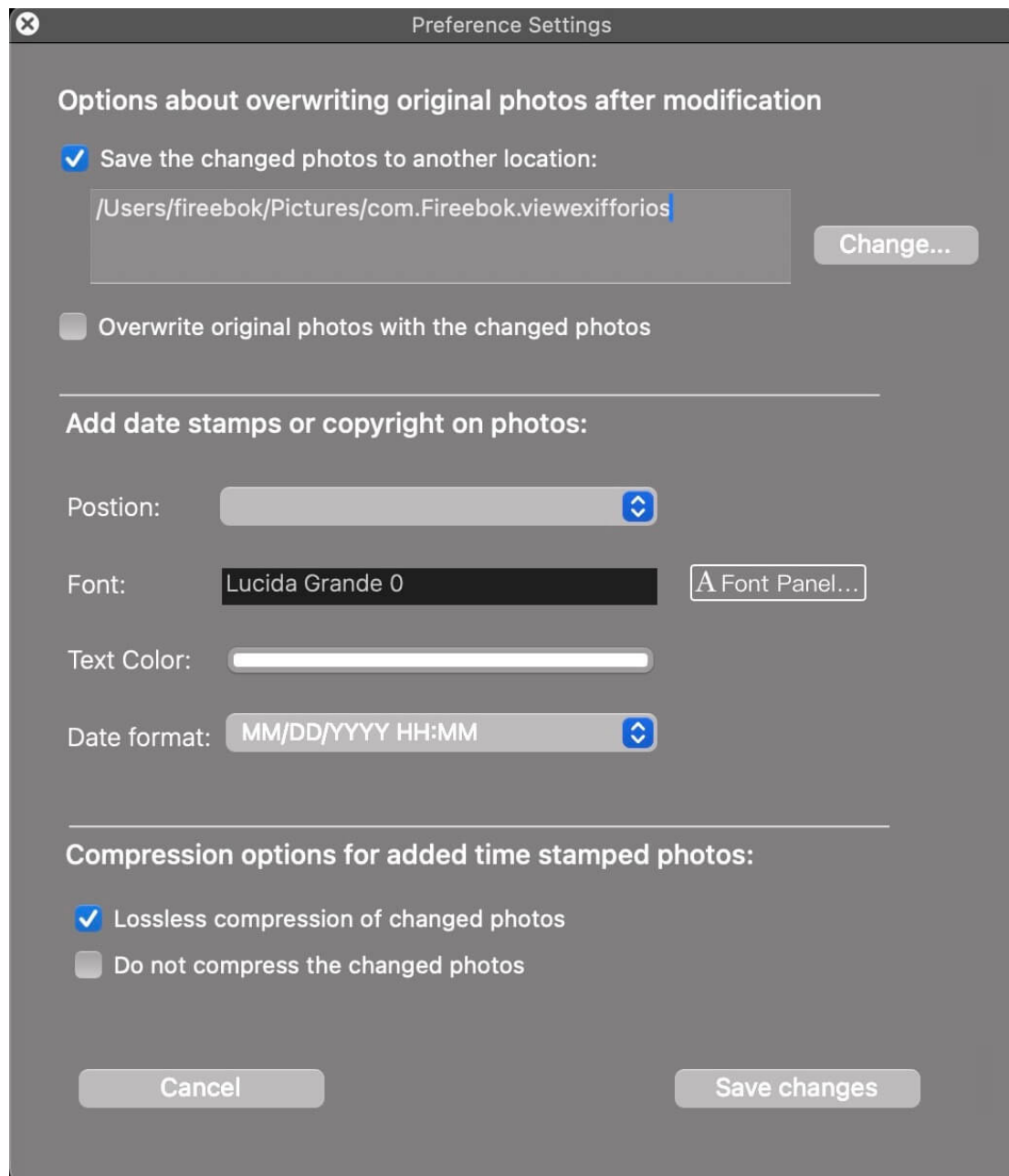
3. Click the **Quick Action** button → **Add date stamp on photos**



## Part 10: Change App Settings

1. Photo Exifer supports both overwriting and non-overwriting modes in the App Settings.
2. By default, any modified photos are saved in a separate storage location: `/Users/~Pictures/com.Firebok.viewexifforios`

3. Change this storage location or enable the “**Overwrite Original Photos**” option in App Settings.



# Edit Photos in Photo Library Section

## Part 1: Filter and Sort Photos in Photo Library

1. Open Photo Exifer, click **Showing All Items** and other options to filter photos.
2. Click **Sorting: All photos by date** and other sort options to organize them as needed.

### Photo Library – Photo Metadata Features

#### Photo Library Metadata

— Select a photo and video in Photo Exifer, so you can view and edit photo metadata with Photo Exifer.

The screenshot displays the Photo Exifer application window. The menu bar includes File, Edit, Format, View, Actions, Tools, Window, and Help. The main interface shows a photo library with a grid of photos. A 'Showing: Date Range' filter menu is open, and a 'Sorting: All photos by date' dropdown is visible. A 'Quick Action' menu is also present. The right side of the interface shows a selected photo and its metadata, with two columns: 'Photo metadata of original file' and 'Photo metadata in Photo Library'. The metadata includes File Name, File Size, Image DPI, Created Date, Camera Date, Title, Author, Caption, Keywords, Comments, Camera Make, Camera Model, Lens Model, and Latitude/Longitude.

Annotations in the image point to various features:

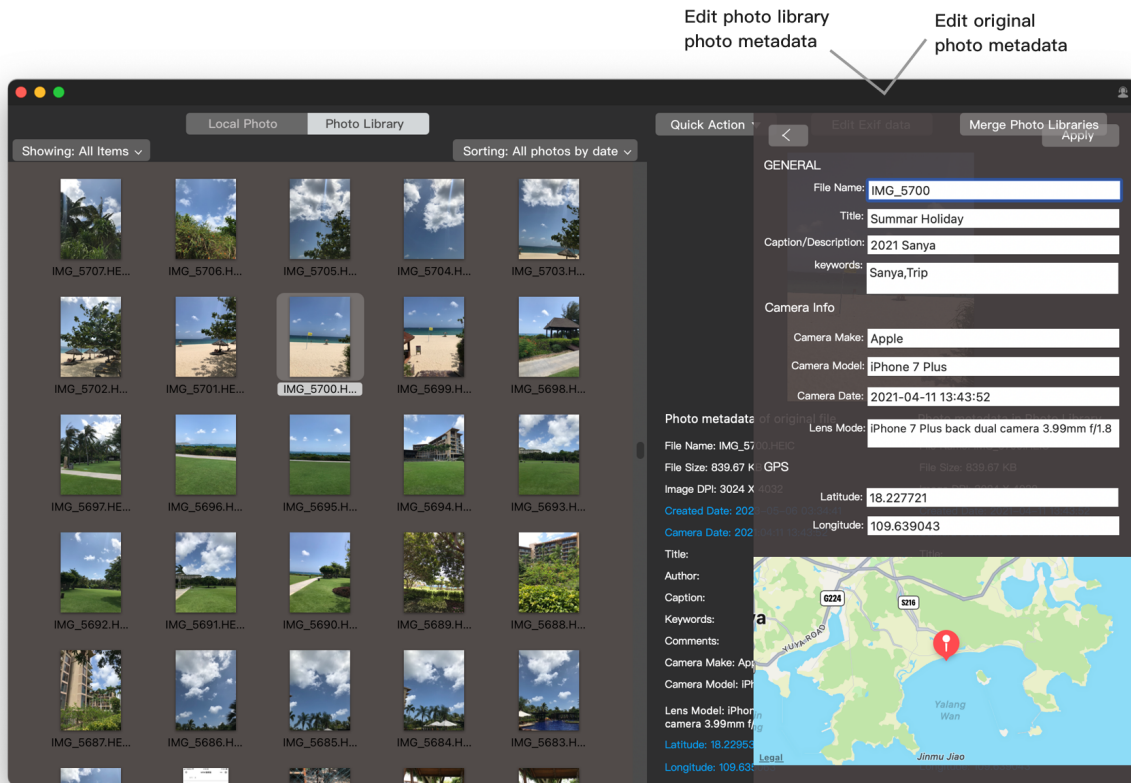
- Open Photo Library**: Points to the 'Open Photo Library...' menu item.
- Edit photo library photo metadata**: Points to the 'Edit Exif data' button.
- Merge photo libraries into one photo library**: Points to the 'Merge Photo Libraries' button.
- Sort photos**: Points to the 'Sorting: All photos by date' dropdown.
- Filter photos**: Points to the 'Showing: Date Range' filter menu.
- View photo metadata tags of Original photo**: Points to the 'Photo metadata of original file' column.
- View Photo metadata tags in photo library**: Points to the 'Photo metadata in Photo Library' column.

## Part 2: Edit Photo Metadata in Photo Library

1. Run Photo Exifer and Click **Photo Library** tab.
2. Select photos, click **Edit Exif data**→ **Edit Photo Library metadata**.

### Photo Library – Photo Metadata Features

Edit Photo Library Metadata — edit more photo metadata tags that Apple Photos does not support.



3. Edit photo **Title**, **Caption/Description**, **Keywords**, **Camera** and **lens** information, **GPS** data and more.
4. Click **Apply** button.

## Part 3: Export Photos with Albums and Photo Metadata

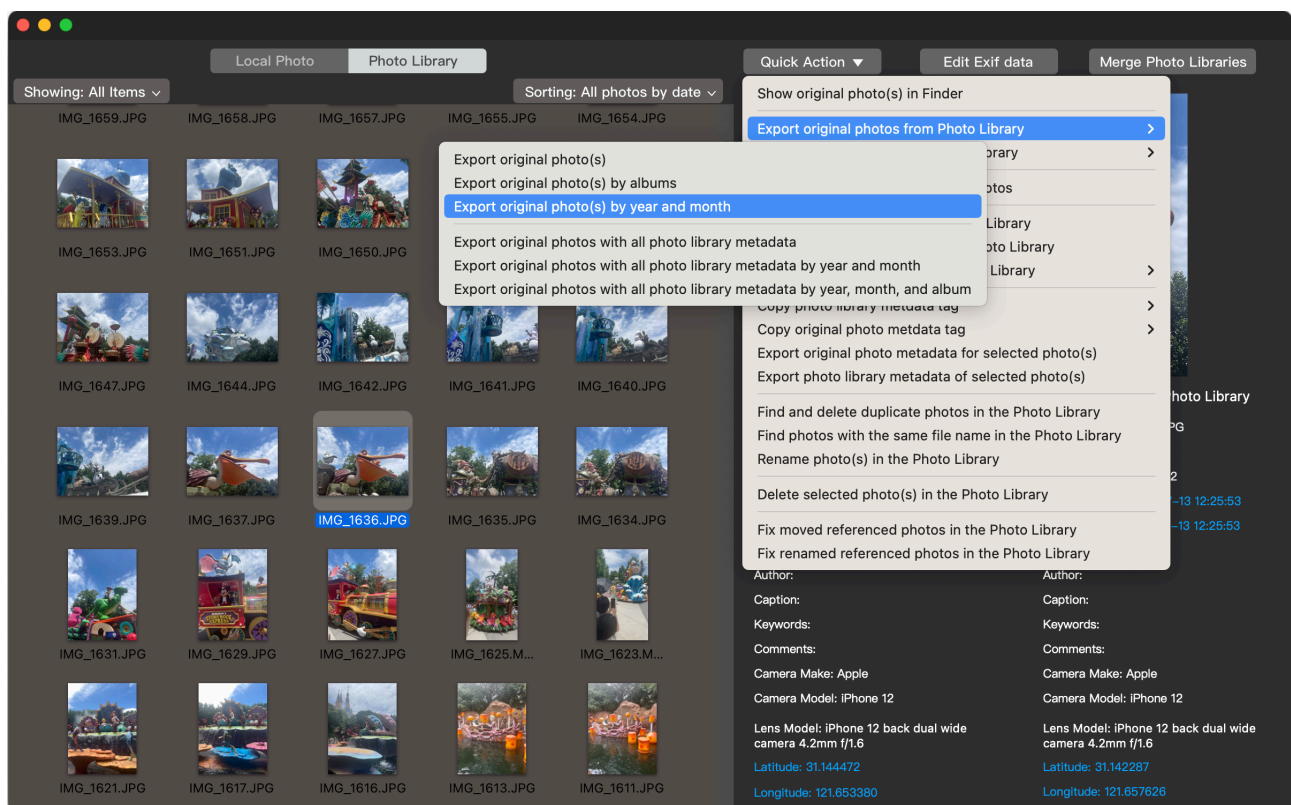
1. Run Photo Exifer and Click **Photo Library** tab.

### ◆ **Export Original Photos**

2. Select photos, click **Quick Action**→ **Export Original Photos from Photo Library**.

Choose one of options to export original photos:

- Export Original Photo(s)
- Export Original Photo(s) by album
- Export Original Photo(s) by year and month
- Export Original Photo(s) with phot library metadata
- Export Original Photo(s) with phot library metadata by year and month
- Export Original Photo(s) with phot library metadata by year and month, album

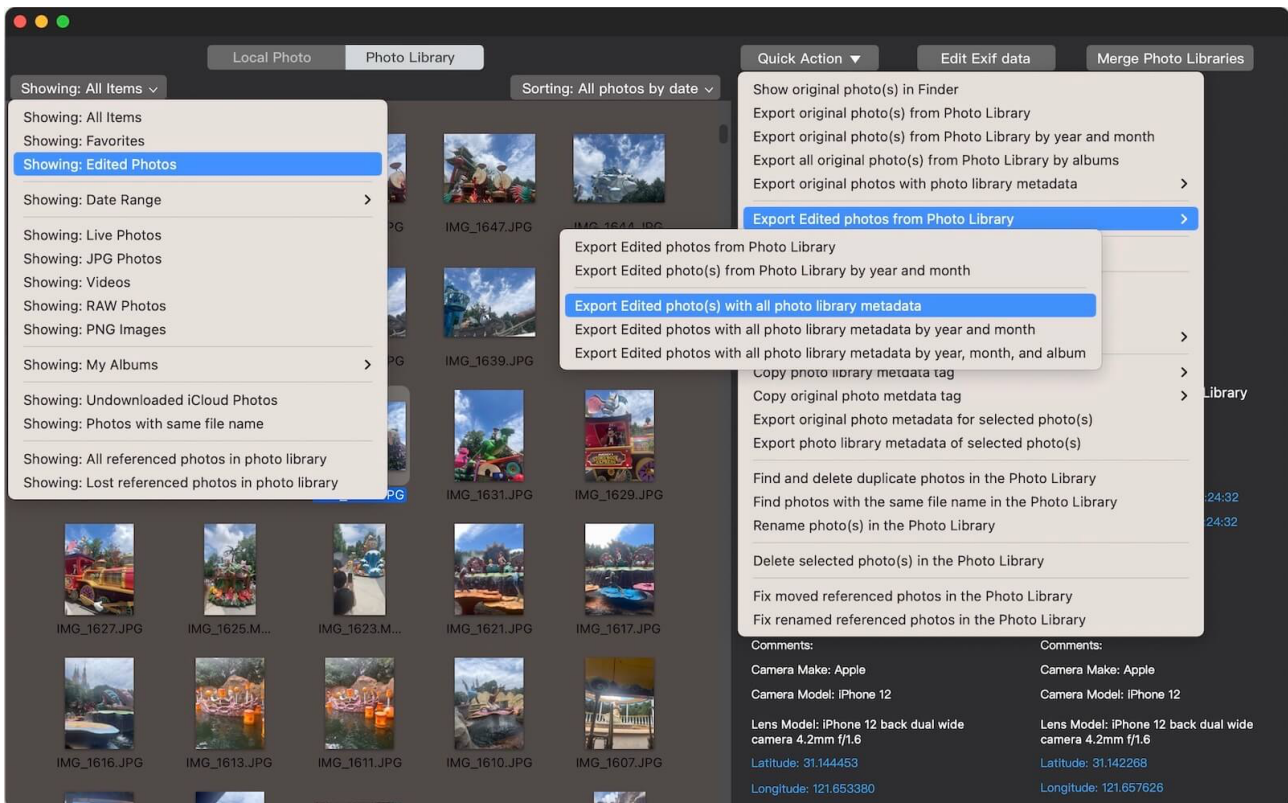


## ◆ Export Edited Photos

1. Select photos, click Quick Action→ Export Edited Photos from Photo Library.

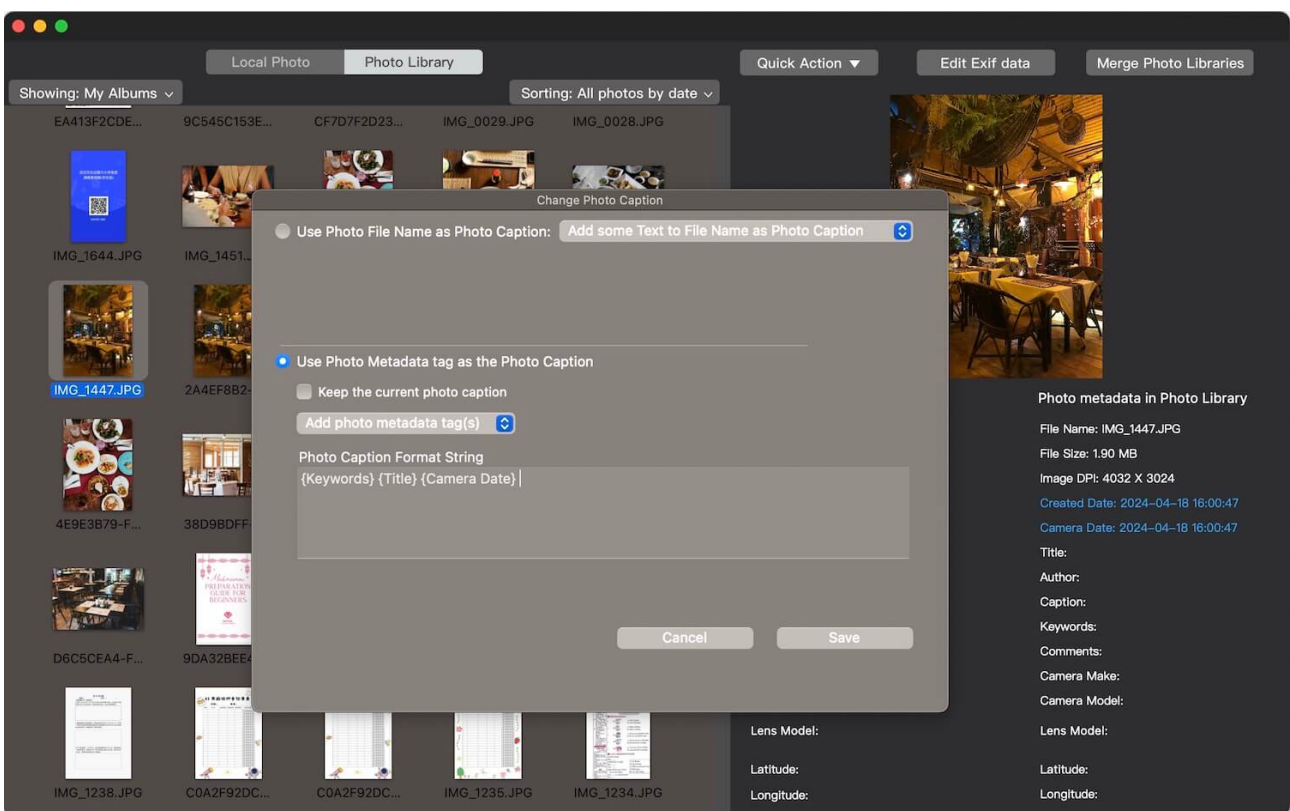
Choose one of options to export original photos:

- Export Edited Photo(s) from Photo Library
- Export Edited Photo(s) from Photo Library by year and month
- Export Edited Photo(s) with all photo library metadata
- Export Edited Photo(s) with all photo library metadata by year and month
- Export Edited Photo(s) with all photo library metadata by year, month and album.



## Part 4: Batch Edit Photo Metadata tags

1. Run Photo Exifer and Click **Photo Library** tab.
2. Select photos, click **Quick Action**—>
  - Batch edit photo title in the photo library
  - Batch edit photo date in the photo library
  - Batch edit photo caption in the photo library



3. After making changes, click **Save** button to complete.

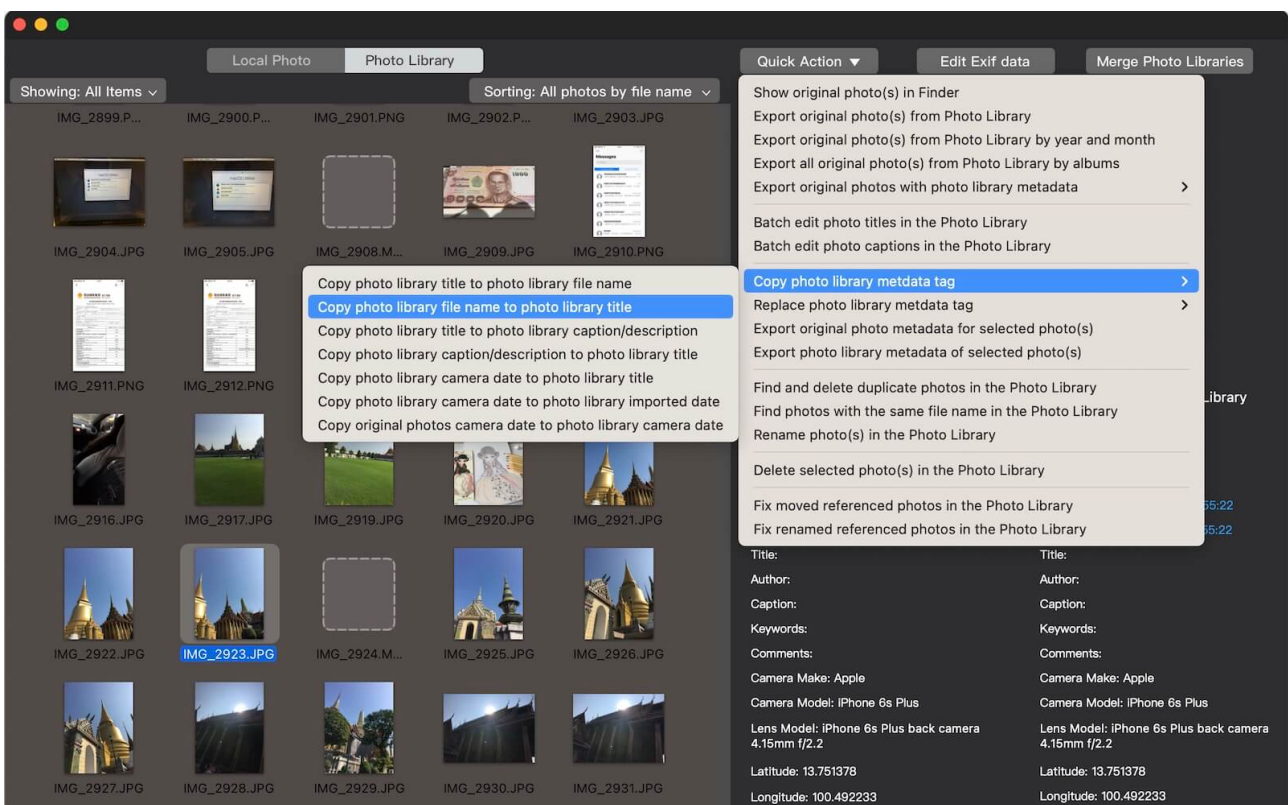
## Part 5: Copy Photo Metadata tag to Photos

1. Run Photo Exifer and Click Photo Library tab.

### ◆ Copy photo metadata tag to different photo metadata tag

2. Select photos, click Quick Action→ Copy Photo Library Tag

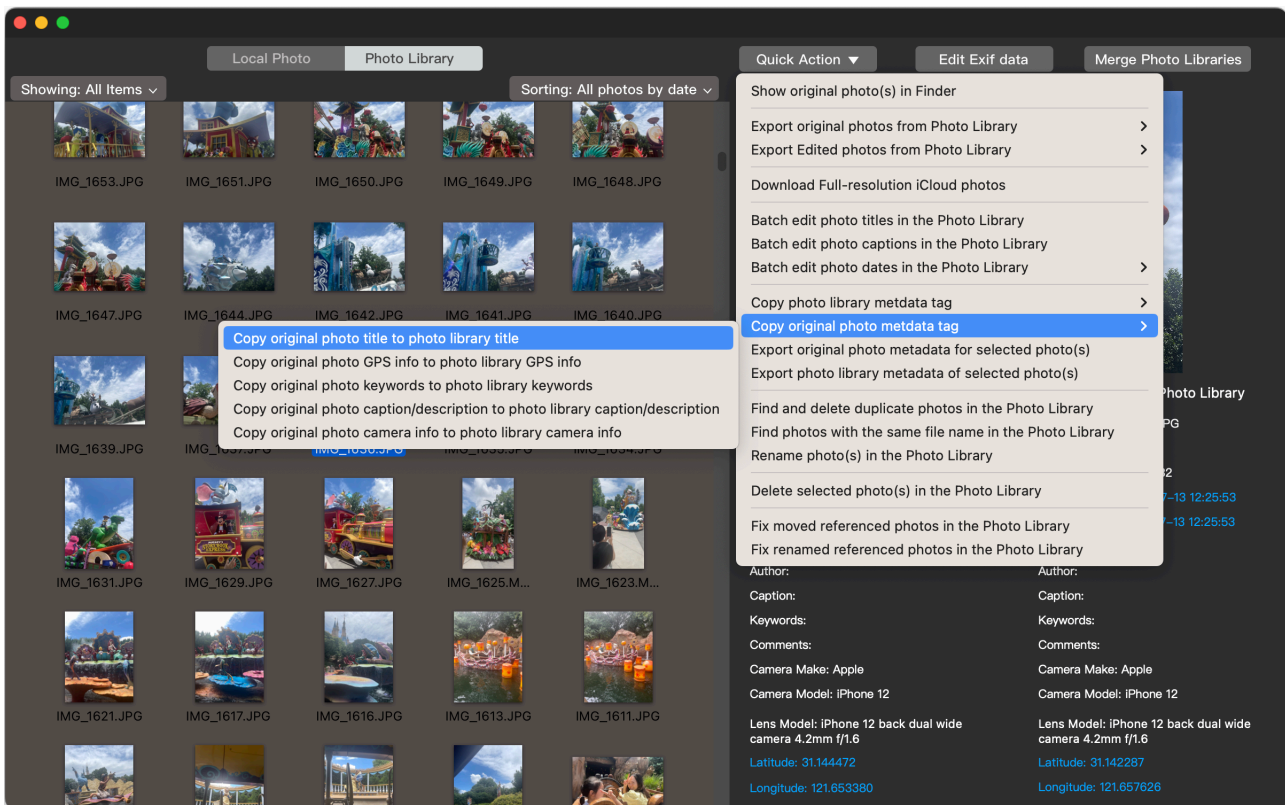
- Copy photo library title to photo library file name
- Copy photo library file name to photo library title
- Copy photo library title to photo library file caption
- Copy photo library caption to photo library title
- Copy photo library camera date to photo library title



## ◆ Copy Original photo metadata tag to Photo library photo metadata tag

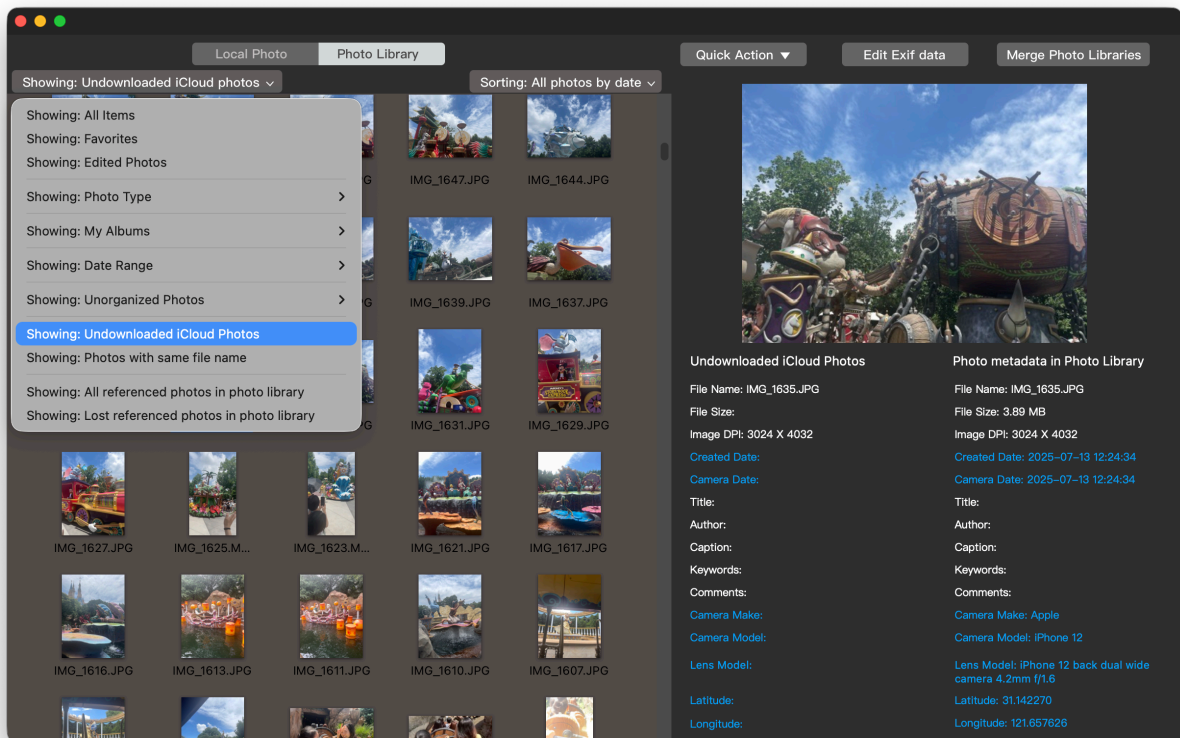
3. Select photos, click Quick Action→ Copy original Photo metadata tag

- Copy original photo title to photo library title
- Copy original photo GPS info to photo library GPS info
- Copy original photo keywords to photo library keywords
- Copy original photo caption/description to photo library caption/description
- Copy original photo camera info to photo library camera info

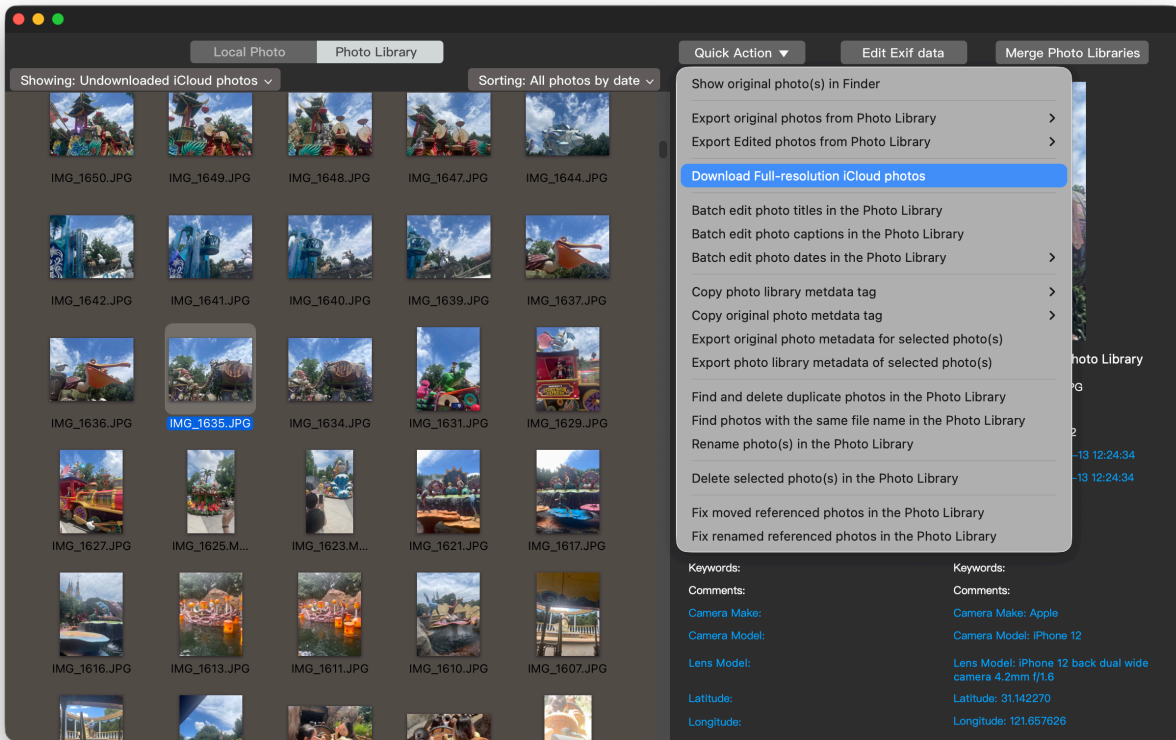


## Part 6: Download Full-resolution iCloud Photos

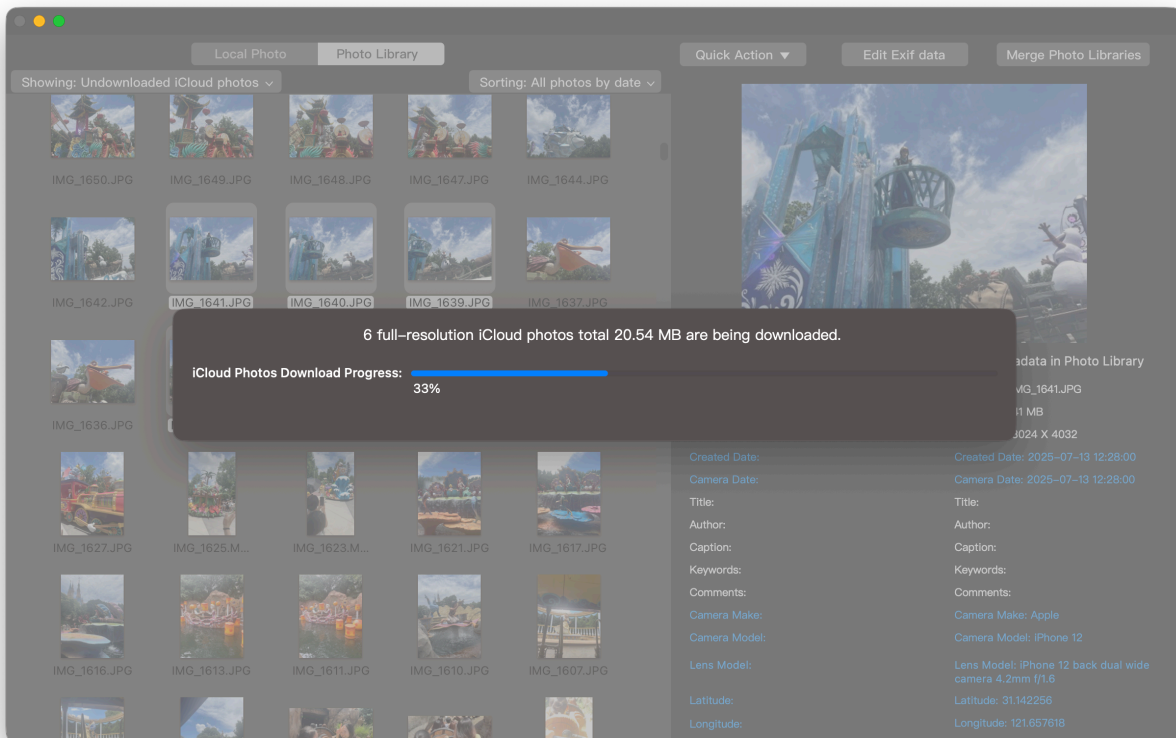
1. Run Photo Exifer and Click **Photo Library** tab.
2. Click **Showing: All Items** → **Showing: Undownloaded iCloud Photos**, to filter and display all photos that haven't been downloaded from iCloud.



3. Select photos, and click **Quick Action** → **Download Full-resolution iCloud Photos**

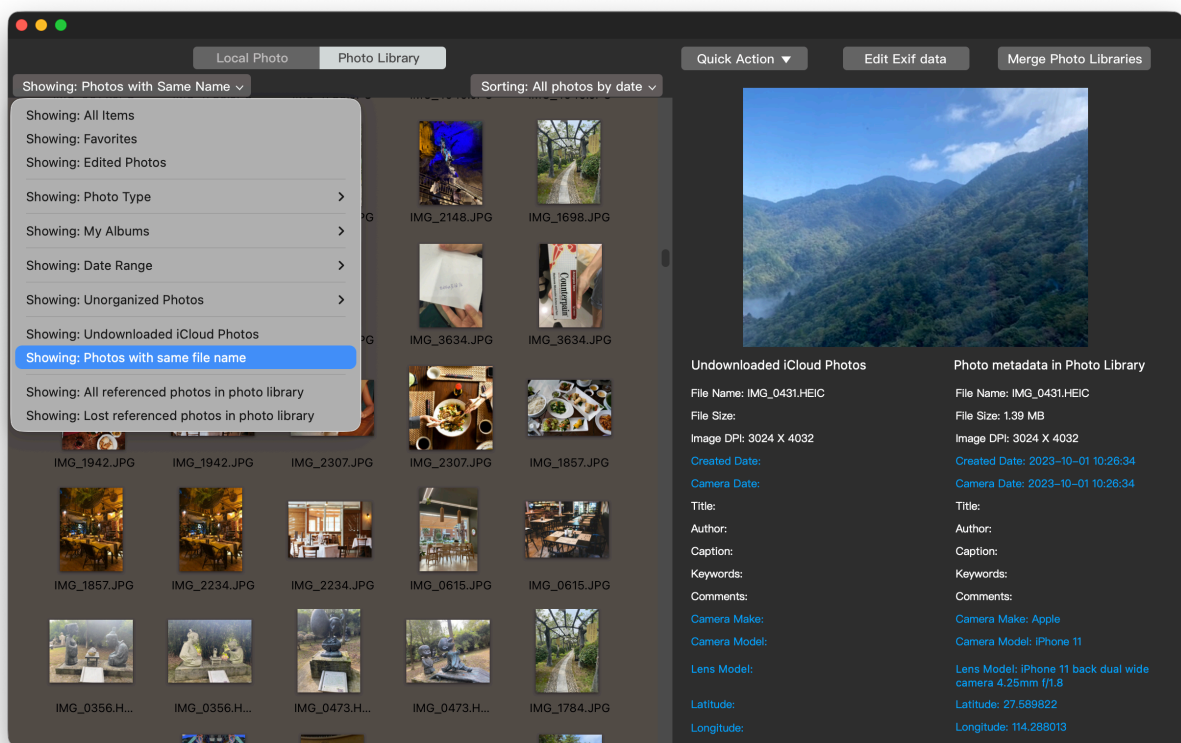


4. It will begin downloading the full-resolution original iCloud photos for the selected items to the **Photo Exifer export location**, which you can change in the app settings.

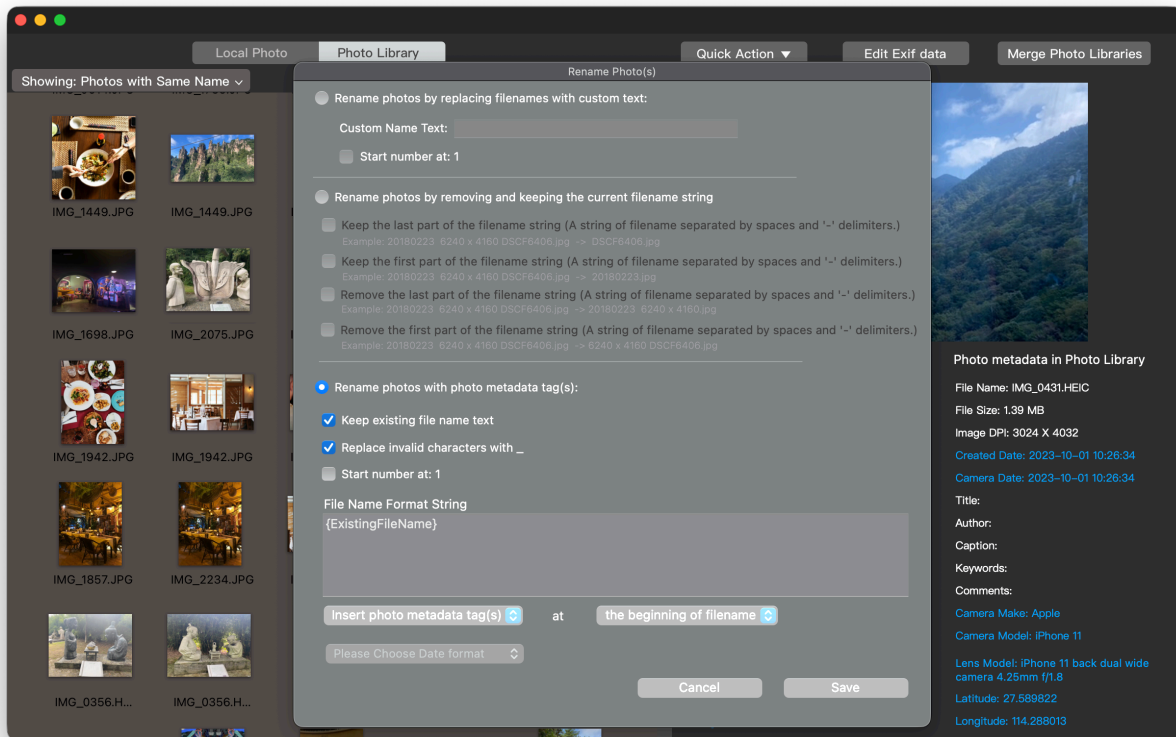


## Part 7: Find and Rename Photos with Same File Name

1. Run Photo Exifer and Click **Photo Library** tab.
2. Click **Showing: All Items** → **Showing: Photos with same file name**, to and display all photos that share the same file name.



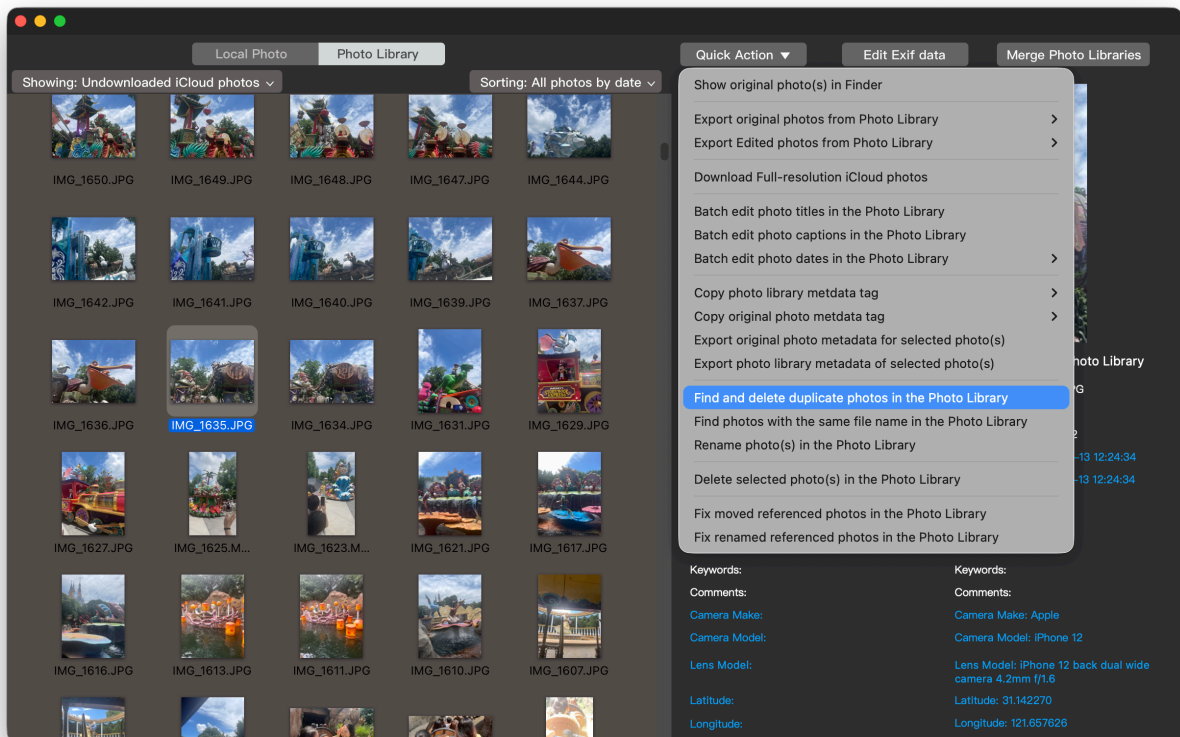
3. Select photos with same file name, and click **Quick Action** → **Rename photo(s)** in the **Photo Library**



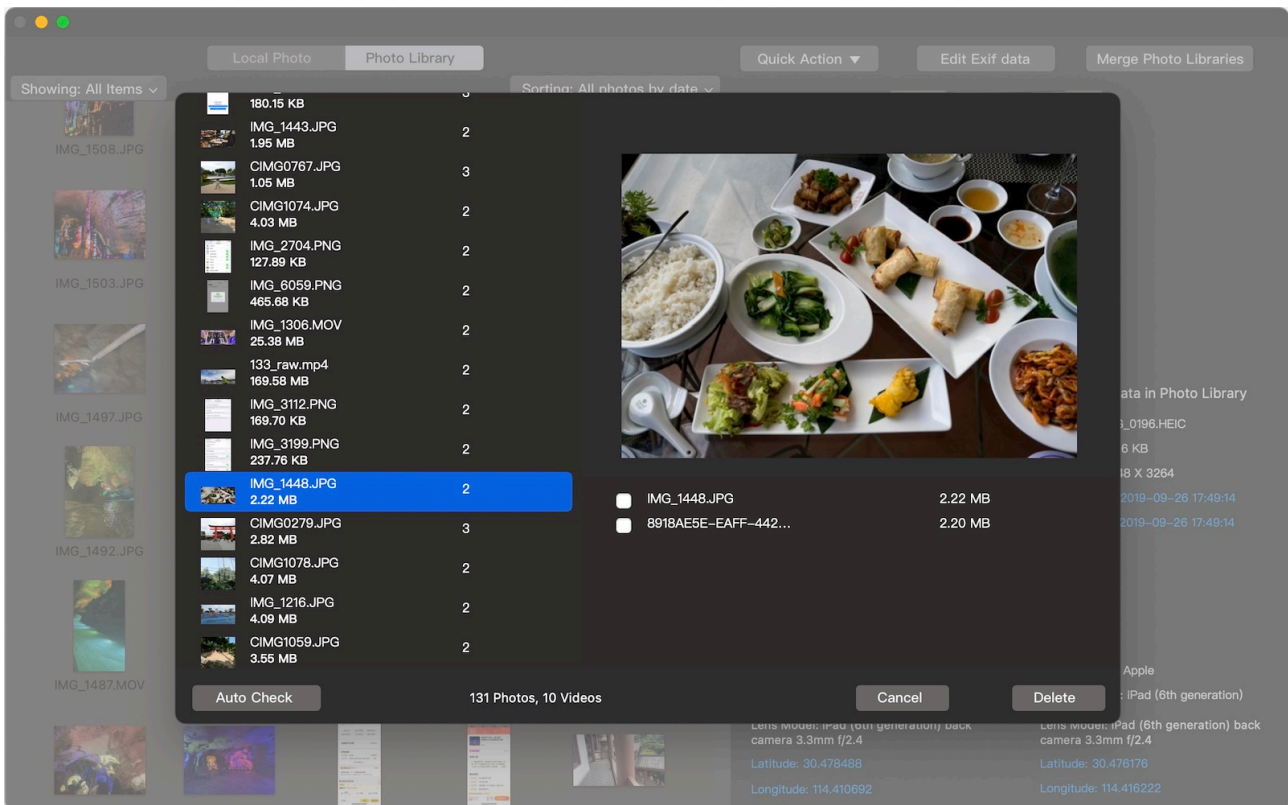
4. Select one of the three options to rename your selected photos:
  - **Rename photos by replacing the filename with custom text**
  - **Rename photos by removing or keeping part of the current filename**
  - **Rename photos using photo metadata tag(s)**
5. Then, click the **Save** button to apply and save your changes.

## Part 8: Find and Remove Duplicate Photos

1. Run Photo Exifer and Click **Photo Library** tab.
2. After loading all photos and videos in the photo library, click **Quick Action** → **Find and delete duplicate photos in the photo library**

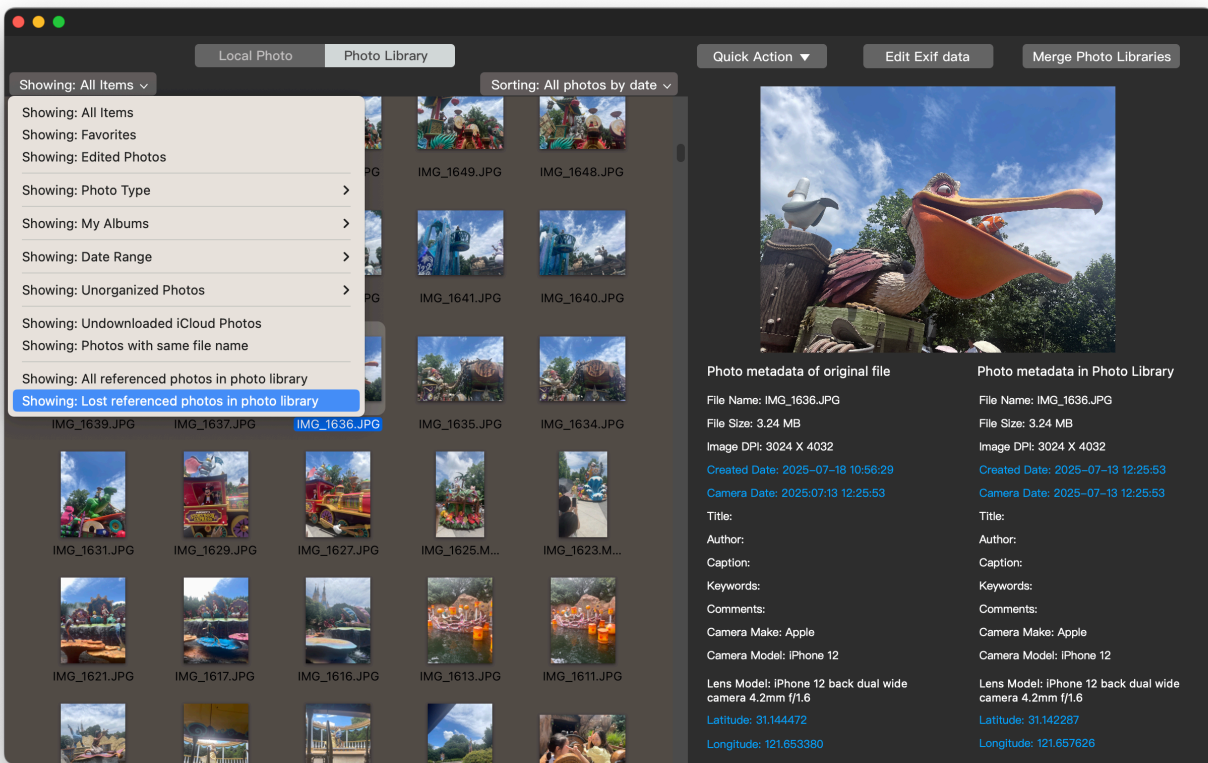


3. Manually select the duplicate photos, or click the **Auto-Check** button to automatically select them. Then, click **Delete** to remove the selected photos.

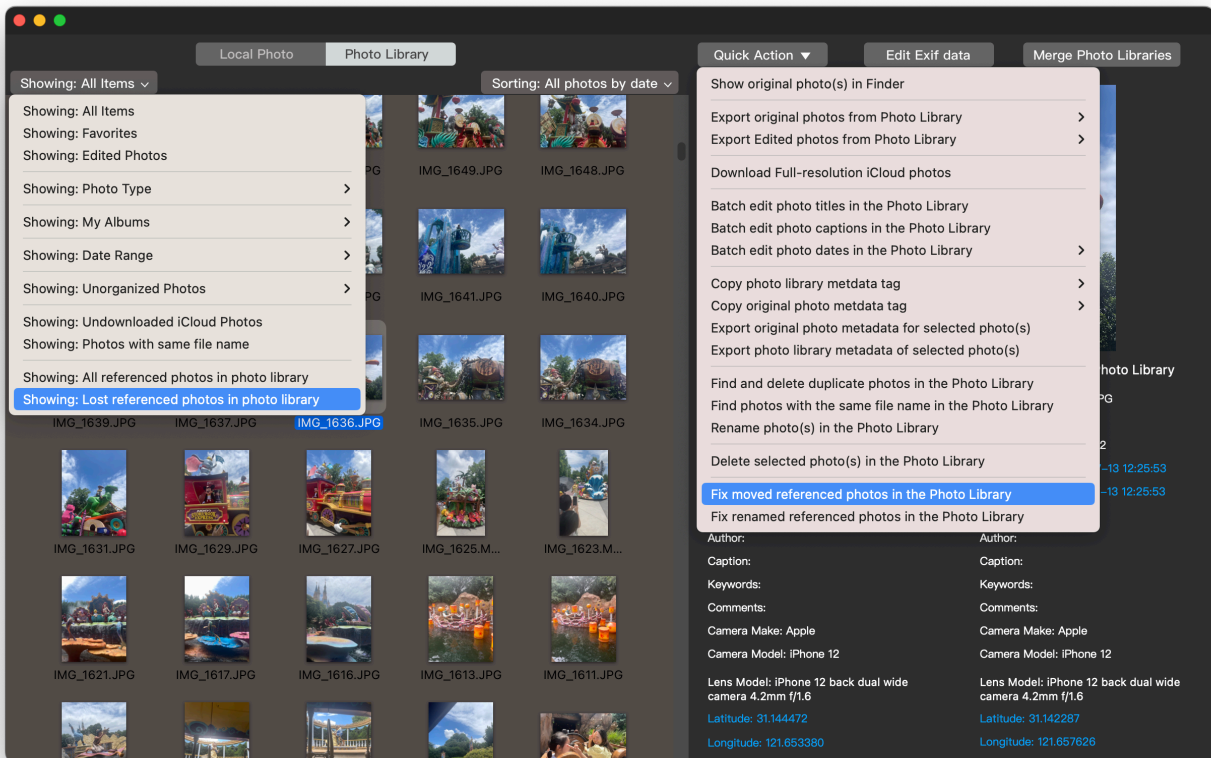


## Part 9: Fix Lost Referenced Photos

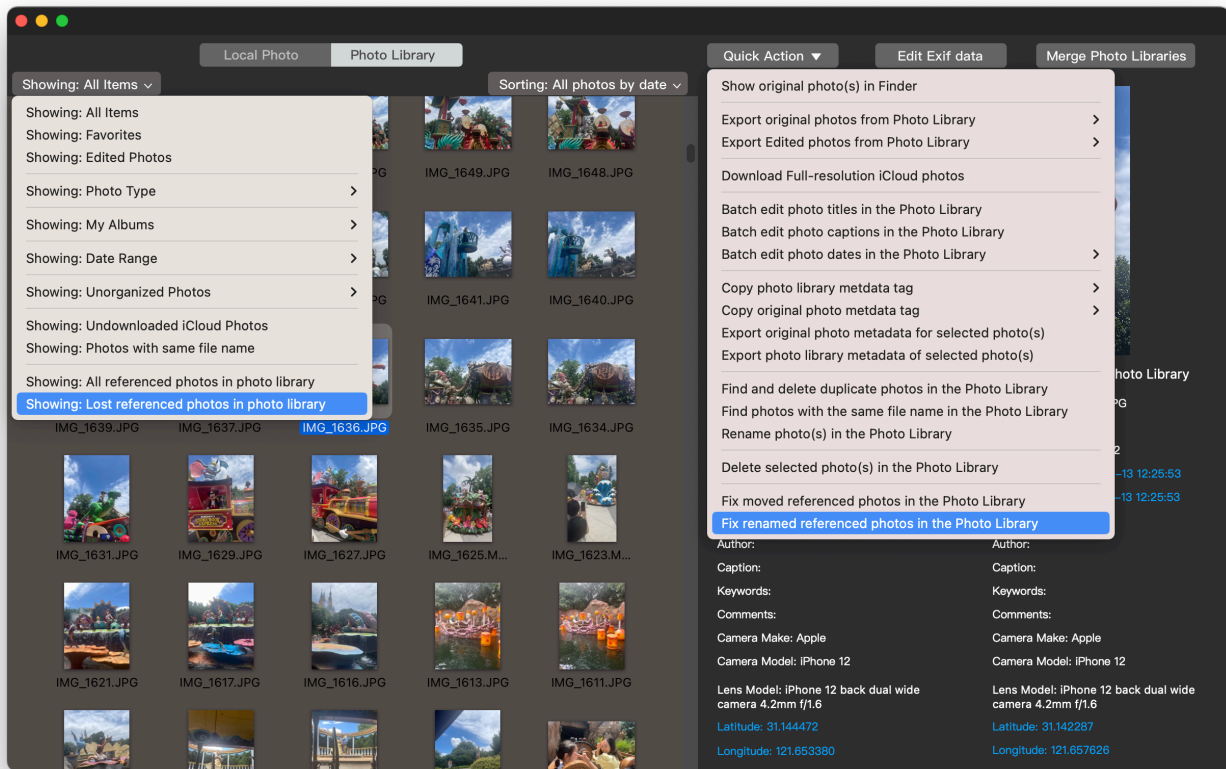
1. Run Photo Exifer and Click **Photo Library** tab.
2. After loading all photos and videos in the photo library, click the filter option: **“Showing: Lost referenced photos in photo library”**



3. Select the missing referenced photos, then choose **Quick Action** option → **Fix moved referenced photos in the photo library** — use this option when the original files cannot be found because they were moved to a different location.

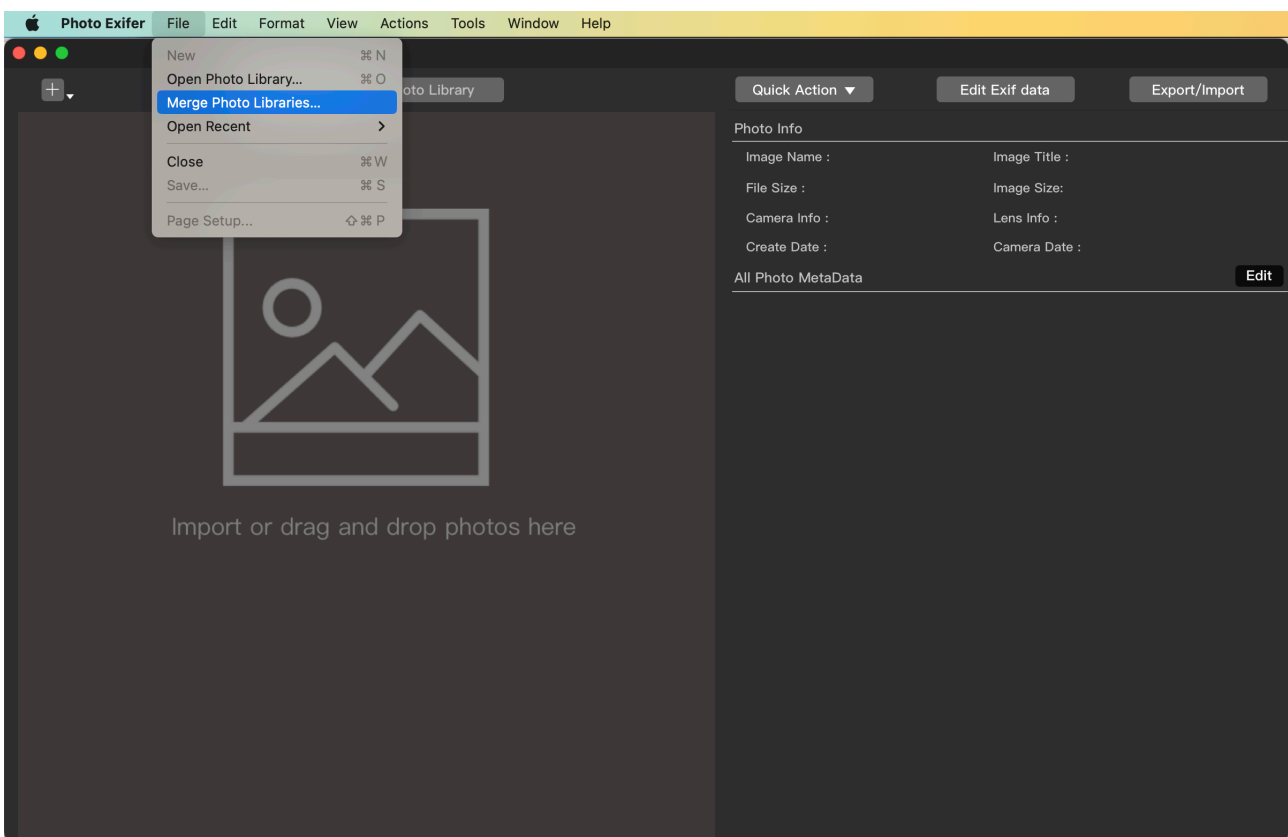


4. Select the missing referenced photos, then choose **Quick Action** option → **Fix renamed referenced photos in the photo library** — use this option when the original files cannot be found because their filenames were changed.

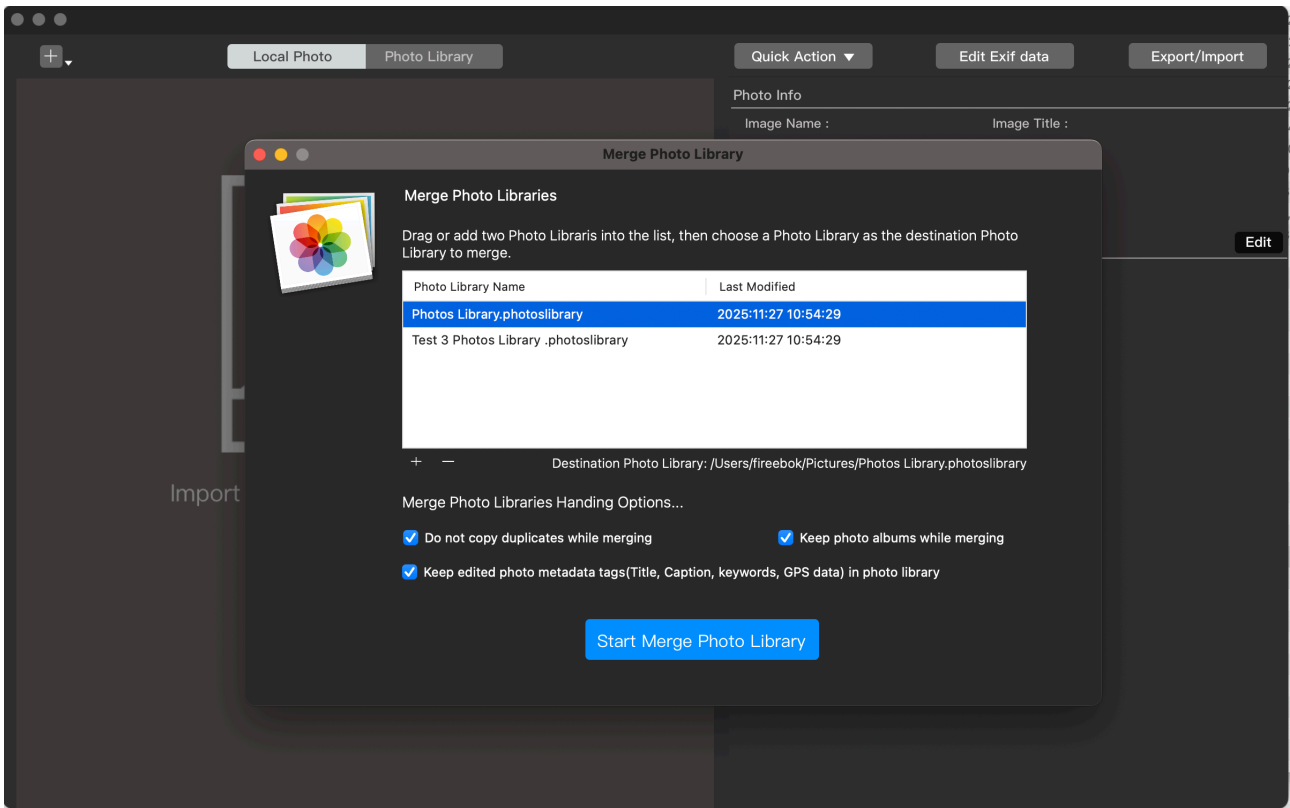


## Part 10: Merge Photo Libraries

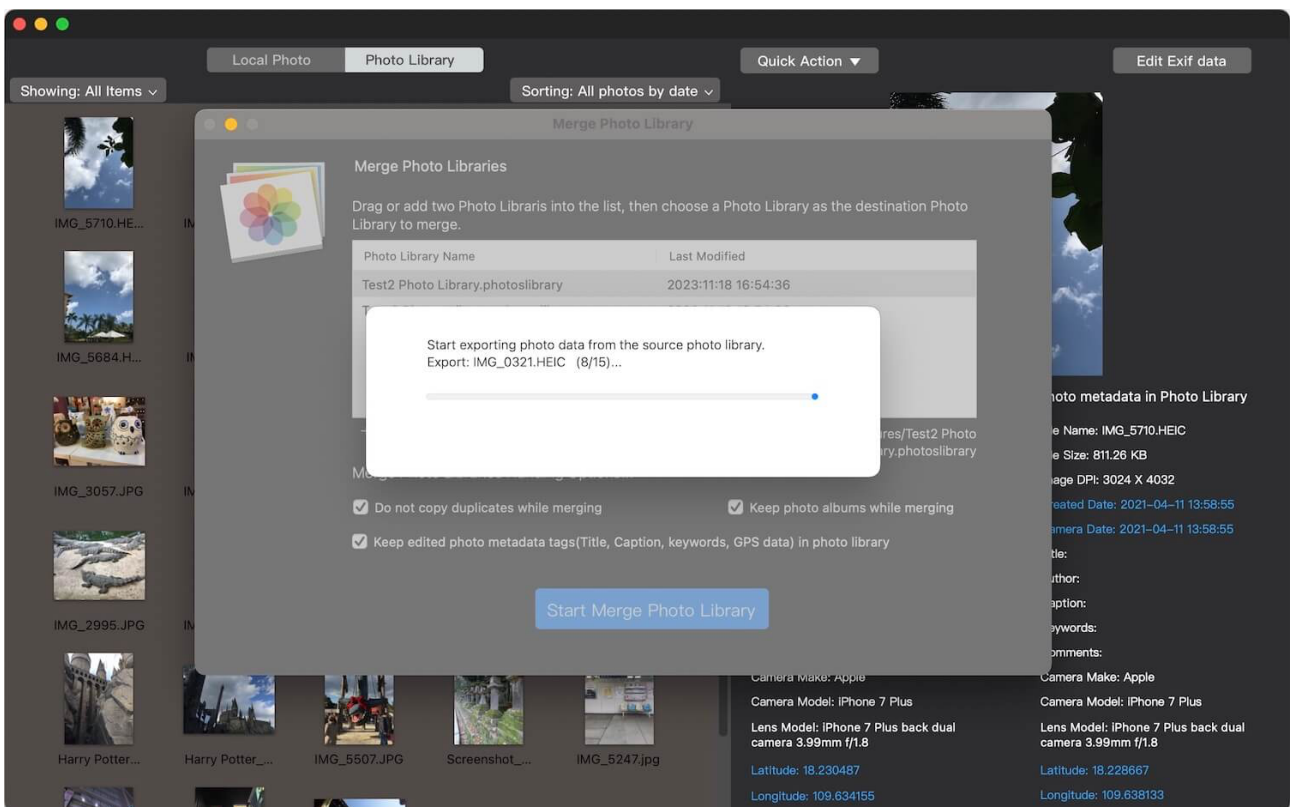
1. Run Photo Exifer and Click **Photo Library** tab.
2. Open the Photo Exifer app and go to the File menu, Select "**Merge Photo Libraries...**", add the photo libraries you wish to merge into the tableview list.



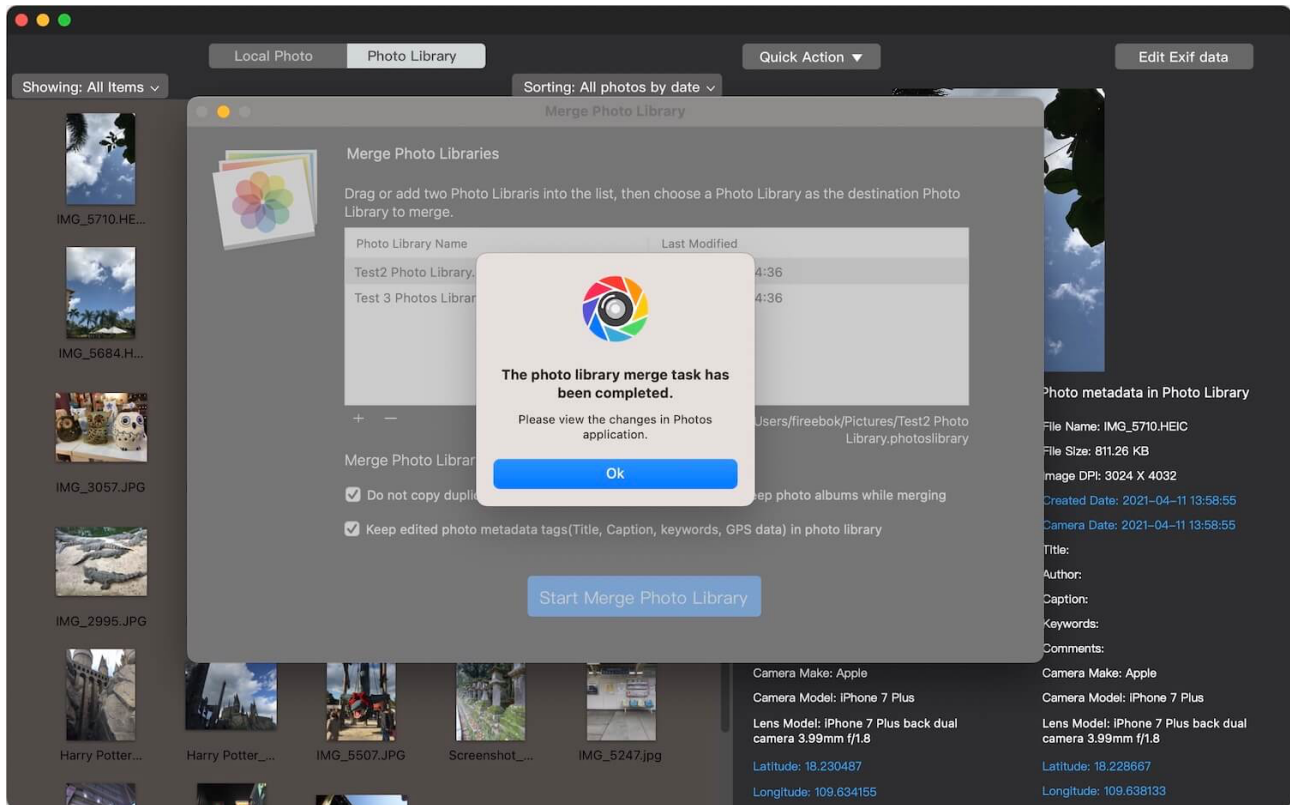
3. **Choose Destination Library:** From the tableview list, select a photo library as the destination library.



4. **Merging Progress:** Click the "Start Merge Photo Library" button to commence the merging process.



5. **Completion Notification:** Upon completion of the merge, you will receive a reminder indicating that the merge task has finished.



## Note:

If you experience any problems or have questions while using the software or this guide, please let us know — we're here to help. Visit our support page at <https://www.freebok.com/support.html>, or email us directly at ([support@freebok.com](mailto:support@freebok.com))