OLYMPUS

OLYMPUS Viewer
Instruction Manual

Introduction

Thank you for purchasing this Olympus product.
Before you start to use your new Olympus product, please read these instructions carefully to enjoy optimum performance.

Note

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System Requirements

- OLYMPUS Viewer has the following system requirements.

Macintosh

OS	Mac OS 9.1 - 9.2.2, Mac OS X 10.1.3 - 10.3 (IEEE1394 (FireWire)/USB1.1/USB2.0 interface)
CPU	Power PC G3 500MHz or higher
RAM	192 MB or more for applications (Mac OS X: 256 MB or more)
Hard disk capacity	50 MB or more (for installation)
Connector	IEEE1394 (FireWire) port (IEEE1394 (FireWire) interface) USB port (USB interface) Compatible only with standard-equipped ports
Monitor	1024 × 768 dots or higher, 32,000 colors or more (1,677 million colors recommended), multi monitor compatible

Windows

OS	Windows Me/2000/XP (IEEE1394 interface) Windows 98SE/Me/2000/XP (USB1.1 interface) Windows 2000/XP (USB2.0 interface)
Browser	Internet Explorer 6 Service Pack 1 or later
CPU	Pentium III 500MHz or higher
RAM	128 MB or more (256 MB or more recommended)
Hard disk capacity	50 MB or more (for installation)
Connector	IEEE1394 port (IEEE1394 interface) USB port (USB interface)
Monitor	1024 × 768 dots or higher, 65,536 colors or more (1,677 million colors recommended), multi monitor compatible

Quick Reference

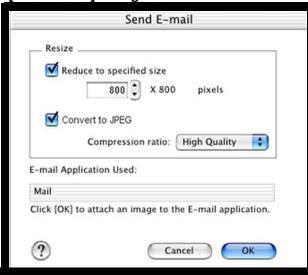# How to use this manual

This indicates a menu bar operation.

Sending an image by E-mail

Attaching an image to outgoing e-mail

1 In the browse window, select an image you want to attach to e-mail.

2 Select [Send E-mail] from the [Tools] menu or click the [Send E-mail] icon on the toolbar.

The [Send E-mail] dialog box appears.

[Send E-mail] dialog box

Send E-mail

Resize

☑ Reduce to specified size

800 X 800 pixels

☑ Convert to JPEG

Compression ratio: High Quality

E-mail Application Used:

Mail

Click [OK] to attach an image to the E-mail application.

? Cancel OK

The dialog boxes and windows displayed in this manual are based upon the Macintosh version of this software. These displays and the names of button may differ in the Windows version.
Where the displays greatly differ between the two versions, both displays are used.

Item	Description
Resize	To resize the image, set the following items as needed.
Reduce to specified size	Check this box and enter the size to reduce the size of the image.
Convert to JPEG	Check this box to convert the image to JPEG format.
Compression ratio	When converting the file format of the attached image to JPEG or resizing a JPEG image, you can select [High Quality], [Standard Quality], or [Low Quality] for the file compression rate.
E-mail Application Used	Displays the e-mail application set up in the computer.
[OK]	The image is attached to an outgoing e-mail using the specified conditions.
[Cancel]	Cancels attachment of the image and closes the [Send E-mail] dialog box.

These tables are used to describe the various information for settings in each dialog box.

134

This indicates a button in a dialog box.

This indicates a button in a dialog box.

This indicates an item in a dialog box.

Sending an image by E-mail

3 Configure the **[Resize]** setting to resize the image to be attached to e-mail.
Select [Reduce to specified size], [Convert to JPEG], or [Compression ratio] as needed.

4 Click the **[OK] button.**
The e-mail application is automatically launched and the outgoing e-mail window appears. The image is attached to the outgoing e-mail.

? Tips
• For instructions on how to send e-mail, refer to the operation manual supplied with your e-mail application.
• E-Capture supports the following e-mail applications.
Macintosh (Mac OS 9) : Outlook Express
Macintosh (Mac OS X) : Mail, Outlook Express
Windows : Outlook Express, Outlook

! Note
• When [Convert to JPEG] is checked, a temporary JPEG image is created for attachment to the outgoing e-mail. The original image format is not converted.
• The [E-mail Application Used] setting cannot be changed in the [Send E-mail] dialog box. For information on how to change the [E-mail Application Used] setting, refer to "Setting up the e-mail application in your computer" P.131.

Browse Window

This is the title of the section within a chapter.

This is the title of the chapter.

This indicates reference pages describing details or associated information.

This symbol indicates important information on factors which may lead to errors or operational problems. It also warns of operations that should be absolutely avoided.

This symbol indicates useful functions and information that will help you get the most out of your software.

135

This sample page is only for your reference. It may differ from the explanation in the actual page.

● Using Help
You can display help information with either of the following operations.
• Click the [?] button (Macintosh) or [Help] button (Windows) on a dialog box.
• Select [OLYMPUS Viewer Help] from the [Help] menu on a window.

Contents

OLYMPUS Viewer Overview   9

Starting OLYMPUS Viewer   10

Browse Window   19

Update Firmware 122

OLYMPUS Viewer Preferences 126

Appendices 146

OLYMPUS Viewer Overview

OLYMPUS Viewer is a software developed to support the workflow of professional photographers that use Olympus digital cameras.
The following describes the special features of OLYMPUS Viewer.

■ Using OLYMPUS Viewer to transfer and view images

You can use OLYMPUS Viewer to transfer and view shot images. By connecting the camera to the computer with a connection cable, you can transfer images from the camera. You can also use a card reader or other device to transfer images from the camera's memory card.

For more information, refer to "Transferring images" P.20.

■ Using OLYMPUS Viewer to select images

OLYMPUS Viewer provides display modes and functions to help you select the desired images by sorting and refining the large number of images.
OLYMPUS Viewer contains very useful image selection functions, such as sorting checkmarks to help refine your selection, an image comparison area to provide a detailed comparison of images, and collection areas used to divide images.

For more information, refer to "Browse Window" P.19.

■ Using OLYMPUS Viewer to manage, print, and send images by E-mail

OLYMPUS Viewer enables you to manage transferred and edited images by sorting them into folders. OLYMPUS Viewer can also be used to create new folders, move images, and rename several file names at the same time.
You can use OLYMPUS Viewer to print images with photo printing, index printing, and contact sheet printing.
You can also use OLYMPUS Viewer to attach images to outgoing E-mail.

For more information, refer to "Using folders and files" P.80,

"Printing an image" P.100,

"Sending an image by E-mail" P.117.

■ Using OLYMPUS Viewer to update firmware

By connecting the camera to the computer, you can update the firmware for the OLYMPUS E-System body, lens, and flash (if applicable) using an internet access connection.

For more information, refer to "Update Firmware" P.122.

■ Customizing OLYMPUS Viewer

You can customize the operating environment for OLYMPUS Viewer and, for example, select the desired color and design for the sorting checkmarks.

For more information, refer to "OLYMPUS Viewer Preferences" P.126.

Starting OLYMPUS Viewer

Connecting the camera and computer

The camera must first be connected to the computer with a USB or IEEE1394 (FireWire) cable to transfer images from the camera. You do not need to connect the camera and the computer if you only want to browse images already saved in the computer.

1 Select the camera mode.

1 Turn on the camera by turning the power switch on the camera to ON.

2 Press the menu button.

The menu appears on the monitor.

3 Press ⬇ on the arrow pad until [⚐₁] is selected, and press ▷ .

4 Press ⬇ until [PC MODE] is selected, and press ▷ .

5 Press △ ⬇ to select [STORAGE] or [CONTROL].

Set to [STORAGE] if you want to transfer images from the camera using the browse window.
☞ "Transferring images" P.20

Set to [CONTROL] if you want to update firmware.
☞ "Update Firmware" P.122
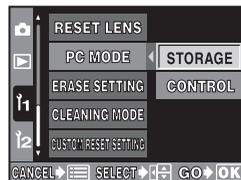
6 Press [OK].

The camera mode is now set.

2 Turn off the camera by turning the power switch on the camera to OFF.

3 Connect the cable to the USB or IEEE1394 (FireWire) port on the computer.
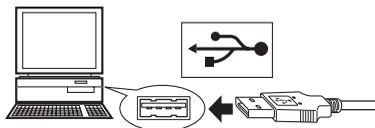
Example of connecting a USB cable   **Example of connecting an IEEE1394 (FireWire) cable**
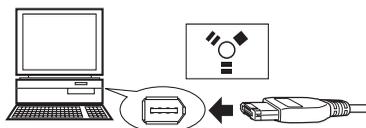
4 **Connect the cable to the USB or IEEE1394 (FireWire) interface on the camera.**

Example of connecting a USB cable
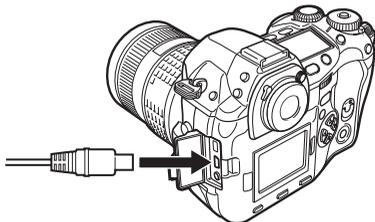
Example of connecting an IEEE1394 (FireWire) cable
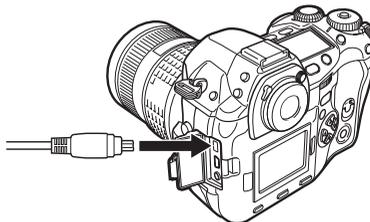
5 **Turn on the camera by turning the power switch on the camera to ON.**

The computer recognizes the camera.

! *Note*	• Do not add or remove another USB or IEEE 1394 (FireWire) device to or from the computer when the computer is connected to the camera. Doing so may cause a malfunction on the camera or a problem with OLYMPUS Viewer.

? *Tips*	• For instructions on how to connect the camera and computer or insert the media to the computer, refer to the operation manual provided with your camera. • For information on setting the camera mode, refer to the operation manual provided with your camera.

Starting OLYMPUS Viewer

11

Starting OLYMPUS Viewer

Start OLYMPUS Viewer and the browse window appears.

● Macintosh
- Open [OLYMPUS Viewer] in the folder in which OLYMPUS Viewer is installed and double-click [OLYMPUS Viewer].
- Double-click the [OLYMPUS Viewer] icon on the desktop.
  (Only in Mac OS 9)

● Windows
- From the [Start] menu on the taskbar, select [Programs > OLYMPUS Viewer > OLYMPUS Viewer].
- Double-click the [OLYMPUS Viewer] icon on the desktop.

Closing OLYMPUS Viewer

Close the browse window and OLYMPUS Viewer.

● Macintosh

1 **Select [Exit] from the [File] menu of the browse window.**
The browse window closes.

● Windows

1 **Select [Exit] from the [File] menu of the browse window.**
The browse window closes.

> ⚠️
> *Note*
>
> **Closing OLYMPUS Viewer in Mac OS X**
> • Select [Close OLYMPUS Viewer] from the [OLYMPUS Viewer] menu of the browse window.

Disconnecting the camera from the computer

If you operated OLYMPUS Viewer with the camera connected to the computer, disconnect the camera from the computer when you are finished using OLYMPUS Viewer.

1 **Confirm that the card access lamp on the camera is not flashing.**

2 **Use the Remove Hardware function.**
Perform the following depending on your OS.

Macintosh
Drag the [NO_NAME] icon (in Mac OS X) or [untitled] icon (in Mac OS 9) on the desktop to the Trash.
Before removing the connection cable, be sure that the card access lamp on the camera is not flashing.

Windows Me/2000/XP
Click the Remove Hardware icon displayed on the taskbar at the bottom right of the computer screen and select the displayed message.
• When you click the Remove Hardware icon, the warning message "Cannot stop the camera" may appear. If this occurs, confirm that image data is not being transferred from the camera and then remove the USB cable.

Windows 98 SE
Right-click [Removable Disk] in My Computer and select [Eject].
Before removing the connection cable, be sure that the card access lamp on the camera is not flashing.

3 **Remove the USB or IEEE1394 (FireWire) cable from the camera.**
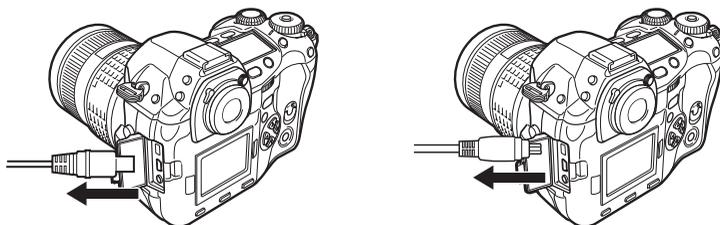
4 **Remove the USB or IEEE1394 (FireWire) cable from the computer.**
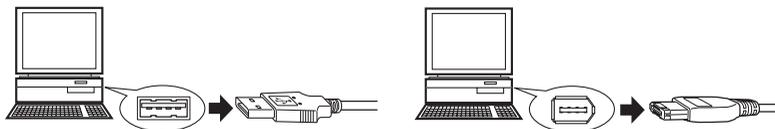
5 **Turn off the camera.**

Note

- Be sure to use the Remove Hardware function on the computer before turning off the camera. If you do not use the Remove Hardware function before turning off the camera, the image data may become lost.
- When using the Remove Hardware function, the warning message "Cannot stop the camera" may appear. If this occurs, confirm that image data is not being transferred from the camera and then remove the USB or IEEE1394 (FireWire) cable.

Starting OLYMPUS Viewer

Automatically starting OLYMPUS Viewer

OLYMPUS Viewer can be automatically started when the camera is connected to the computer and the camera is turned on.

• Set the PC mode of the camera to [STORAGE]:
  The browse window and [Transfer Images] dialog box appear.

Auto Start of OLYMPUS Viewer can be set in the preferences.
☞ "OLYMPUS Viewer Preferences" P.126

1 Set up Auto Start of OLYMPUS Viewer in advance.

You can skip this step if Auto Start is already set up.

1 Select [Preferences] from the [Tools] menu of the browse window.

The [Preferences] dialog box appears.

[Preferences] dialog box
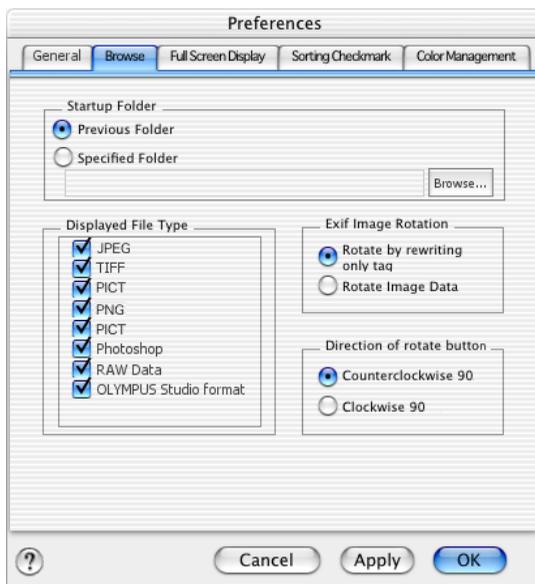
2 Click the [General] tab.

[General] tab page in the [Preferences] dialog box
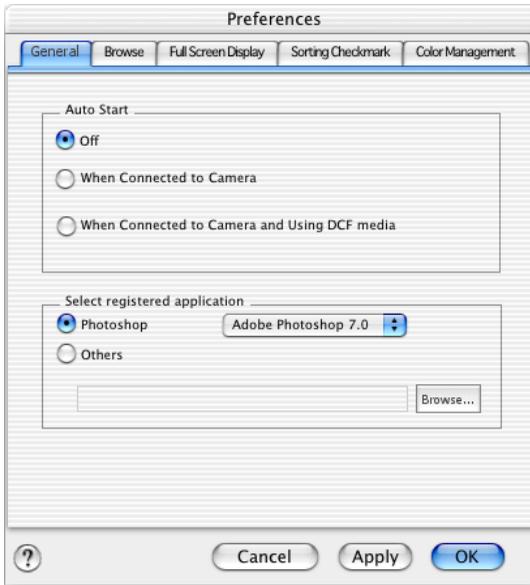
☞ "Setting the [General] tab" P.128

3 Click [When connected to camera] in [Auto Start].

To automatically start OLYMPUS Viewer when the media with stored images is inserted into the computer, select [When connected to camera and using DCF media].

4 Click the [OK] button.

The Auto Start setting is complete and the [Preferences] dialog box closes.

After completing the Auto Start setting, close OLYMPUS Viewer.

2 **Turn on the camera.**

3 **Set the camera to [STORAGE].**

4 **Connect the camera to the computer with a USB or IEEE1394 (FireWire) cable.**
☞ "Connecting the camera and computer" P.10

Starting OLYMPUS Viewer

OLYMPUS Viewer starts and the browse window appears.

? *Tips*

- When [When connected to camera and using DCF media] is selected in Auto Start, OLYMPUS Viewer also starts if a DCF (Design rule for Camera File System)-compliant storage media (CompactFlash, xD-Picture Card, or other recordable media) is inserted in the computer. When OLYMPUS Viewer starts, the browse window and [Transfer Images] dialog box appear.

! *Note*

- The factory default setting of Auto Start is OFF. If Auto Start is not set to ON, OLYMPUS Viewer does not automatically start even if the camera is connected to the computer and the power on the camera is turned on.
  In Windows XP, when a camera in Storage Mode is connected to the computer or a storage media is inserted in the computer, the [Auto Play] dialog box appears regardless of the [Auto Start] setting. Select [OLYMPUS Viewer] from the list and click the [OK] button to display the browse window.
- In Windows XP, [When connected to camera and using DCF media] is grayed out and cannot be selected.
- For instructions on how to connect the camera and computer or insert the media to the computer, refer to the operation manual provided with your camera.
- For information on setting the camera mode, refer to the operation manual provided with your camera.

Starting OLYMPUS Viewer

Browse Window

Starting and closing the browse window

You can use the browse window to transfer images to a computer and display transferred images. The following describes how to start and close the browse window.

● Macintosh

Starting

1 **Open [OLYMPUS Viewer] in the folder in which OLYMPUS Viewer is installed, and double-click the [OLYMPUS Viewer] icon, or double-click the [OLYMPUS Viewer] icon on the desktop.**

The browse window appears.

Closing

1 **Select [Exit] from the [File] menu.**

In Mac OS X, select [Close OLYMPUS Viewer] from the [OLYMPUS Viewer] menu.

● Windows

Starting

1 **From the [Start] menu on the taskbar, select [Programs > OLYMPUS Viewer > OLYMPUS Viewer], or double-click the [OLYMPUS Viewer] icon on the desktop.**

The browse window appears.

Closing

1 **Select [Exit] from the [File] menu.**

> **?**
> *Tips*
> • You can set the browse window to start automatically when the camera is connected to the computer or when the media is inserted in the computer.
> 🖙 "Automatically starting OLYMPUS Viewer" P.16

Transferring images

Images can be transferred from the camera or media to the computer. This is done by using the [Transfer Images] dialog box in the browse window.
The following describes how to transfer images from the camera and media.

[Transfer Images] dialog box

The [Transfer Images] dialog box is used to configure the settings when transferring images from the camera or media.

[Transfer Images] dialog box

Item	Description
Transfer Source	
Camera	The transfer source is set to [Camera]. If several cameras are connected, select the desired source camera ID from the pull-down list on the right.
Media	The transfer source is set to [Media]. If several media are inserted in the computer, select the desired source media from the pull-down list on the right.
Folder Tree	Displays the tree of the transfer source camera or media. You can select the image transfer source from the folder tree.
Select All Images	Check this box to specify all images displayed in the thumbnail display area.
Automatically delete image after transferring	Check this box to automatically delete images from the transfer source after the images have been transferred to the computer.
Number of images and file size	Displays the total number and file size of the images selected in the thumbnail display area.

Thumbnail Display Area	The images inside the folder selected in the folder tree are displayed in a list.
Transfer Destination	
Folder Tree	Displays the tree of the transfer destination. Select the image transfer destination from the folder tree.
[Create New Folder]	Creates a new subfolder in a drive or folder selected in the folder tree.
[Browse Shortcut]	Click this to display a list of registered shortcuts. When a shortcut is selected from the list, the selected position on the folder tree jumps to the destination of the shortcut link. ☞ "Creating a folder shortcut" P.95
Automatically create folder on shooting date	Check this box to automatically create subfolders labeled with the shooting date inside the folder selected in the folder tree and then transfer the images to the appropriate subfolders according to the shooting date.
Transfer Images	
[Start]	Starts the image transfer.
[Refresh]	The thumbnail display area is updated with the current images in the transfer source folder.
[Close]	Closes the [Transfer Images] dialog box.

Tips
- You can set the [Transfer Images] dialog box in the browse window to open automatically when the camera is connected to the computer or when the media is inserted in the computer.
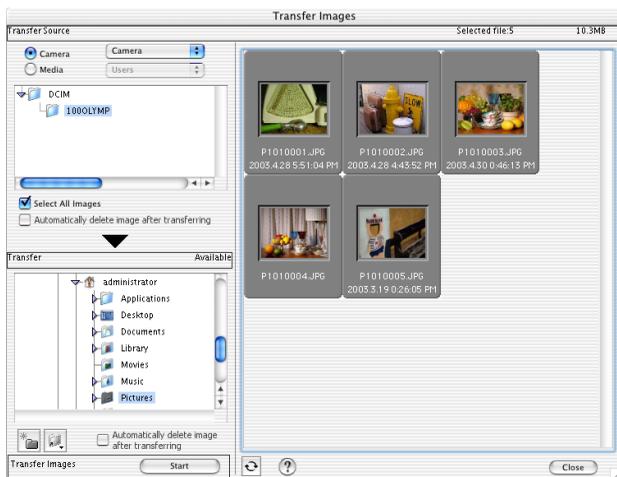☞ "Automatically starting OLYMPUS Viewer" P.16

Browse Window

21

Transferring images from the camera

Images can be transferred from the camera to the computer by a USB cable or IEEE1394 (FireWire) cable. Only Olympus digital cameras can be used to transfer images to OLYMPUS Viewer.

> **For details on camera mode operations and connecting the camera to the computer or removing the camera from the computer, refer to "Starting OLYMPUS Viewer" P.10.**

1 **Turn on the camera and set the PC mode of the camera to [STORAGE].**

2 **Connect the camera to the computer with a USB or IEEE1394 (FireWire) cable.**

3 **Select [Get Image] from the [Tools] menu of the browse window or click the [Get Image] icon on the toolbar.**
"Image display" P.28
The [Transfer Images] dialog box appears.

[Transfer Images] dialog box
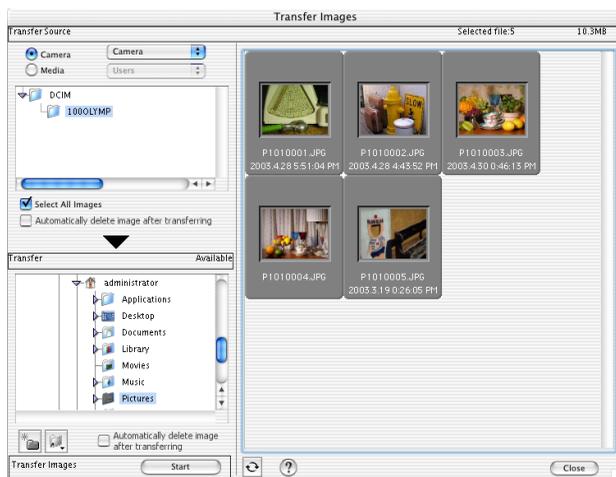
4 **Click [Camera] from [Transfer Source].**
If several cameras are connected, select the desired source camera ID ([Camera #1], [Camera #2], ...) from the pull-down list.
A list of subfolders in the [DCIM] folder appears in the transfer source folder tree.

Browse Window

5 From the transfer source folder tree, select the folder containing the images that you want to transfer.

The images inside the folder are displayed in a list in the thumbnail display area on the right-hand side of the window.

> **?**
> *Tips*
> • When [DCIM] is selected from the folder tree, the contents of all subfolders in the DCIM folder are displayed in the thumbnail display area.

6 Select the images that you want to transfer in the thumbnail display area.

Check [Select All Images] to select all images displayed in the thumbnail display area.

To select several images, select the images while pressing the following key.

• Macintosh (Mac OS 9) :   [Shift] key
• Macintosh (Mac OS X):   [Shift] or [Command] key
• Windows   :   [Ctrl] key

7 Select the transfer destination folder from the transfer destination folder tree.

8 Click the [Start] button.

The [Get Image] dialog box appears indicating that the transfer of images has begun.

[Get Image] dialog box - Transferring images

Get Image
Transferring image...
3 / 6
Cancel

When the image transfer is complete, the following dialog box appears.

[Get Image] dialog box - Transfer complete

Get Image
Image transfer complete.
6 / 6
Open transfer destination folder   Close

Click the [Open Transfer Destination Folder] button to close the [Transfer Images] dialog box and display the transferred images inside the folder in the thumbnail display area of the browse window.

Browse Window

23
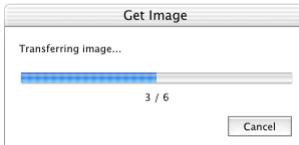
Note

- During the image transfer, do not turn off the camera, open the card cover of the camera, or disconnect the connection cable. Doing so may cause a malfunction on the camera or a problem with OLYMPUS Viewer.
- Do not add or remove a hardware device to or from the computer when the computer is connected to the camera. Doing so may cause a malfunction on the camera or a problem with OLYMPUS Viewer.
- If an existing file in the transfer destination folder has the same name as one of the files you want to transfer, the [Overwrite] dialog box appears. In the [Overwrite] dialog box, you can select one of the following methods for transferring images.

  [Skip]   : Skips this image and transfers the next image.
  [Overwrite]   : Transfers and overwrites the image.
  [Add Serial Number] : Adds a serial number to the end of the file name and transfers the image with a different name.
  [Apply to All]   : Applies the same image transfer method selected to all files with the same name.

Tips

- If an Olympus USB or IEEE1394 (FireWire) storage class camera is connected to the computer, both the camera and the media can be specified as transfer sources.

Transferring images from the media

You can transfer images from the media to the computer.

1 Insert the media into the computer or appropriate adapter.

For details on inserting the media, refer to the operation manual provided with the camera.

2 Select [Get Image] from the [Tools] menu of the browse window or click the [Get Image] icon on the toolbar.

☞ "Image display" P.28

The [Transfer Images] dialog box appears.

[Transfer Images] dialog box
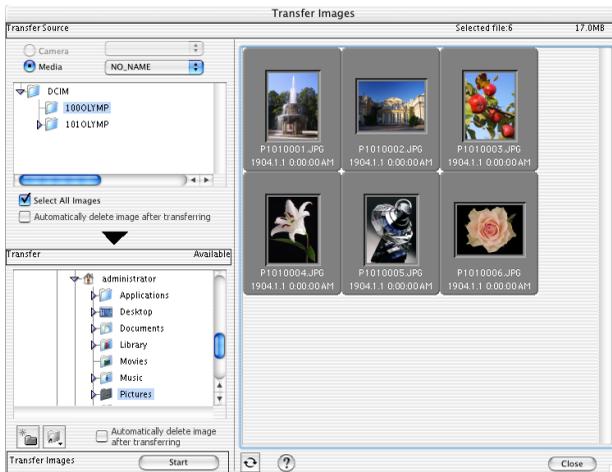
3 Click [Media] from [Transfer Source].

If several media are inserted in the computer, select the drive name of the transfer source from the pull-down list.

The pull-down list only displays the drives with media recorded in conformity with the DCF (Design rule for Camera File system) standard.

4 From the folder tree of the transfer source, select the folder containing the images that you want to transfer.

The images inside the folder are displayed in a list in the thumbnail display area on the right-hand side of the window.

Browse Window

5 Select the images that you want to transfer in the thumbnail display area.

Check [Select All Images] to select all images displayed in the thumbnail display area.

To select several images, select the images while pressing the following key.

• Macintosh (Mac OS 9) : [Shift] key
• Macintosh (Mac OS X): [Shift] or [Command] key
• Windows : [Ctrl] key

6 Select the transfer destination folder from the transfer destination folder tree.
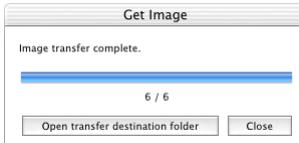
7 Click the [Start] button.

The [Get Image] dialog box appears indicating that the transfer of images has begun.

[Get Image] dialog box - Transferring images
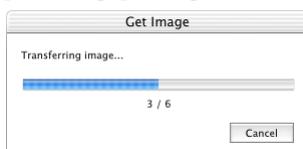
When the image transfer is complete, the following dialog box appears.

[Get Image] dialog box - Transfer complete
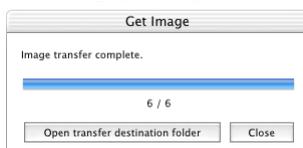
Click the [Open Transfer Destination Folder] button to close the [Transfer Images] dialog box and display the transferred images inside the folder in the thumbnail display area of the browse window.

Note

• If an existing file in the transfer destination folder has the same name as one of the files you want to transfer, the [Overwrite] dialog box appears. In the [Overwrite] dialog box, you can select one of the following methods for transferring images.

[Skip] : Skips this image and transfers the next image.

[Overwrite] : Transfers and overwrites the image.

[Add Serial Number] : Adds a serial number to the end of the file name and transfers the image with a different name.

[Apply to All] : Applies the same image transfer method selected to all files with the same name.

Browse Window

27

Image display

The browse window has three display modes: Browse Mode, View Mode, and Light Box Mode. When you open the browse window, it appears in Browse Mode.
The following describes the different parts and functions of the browse window for each display mode.

Browse Mode

This display mode is suited to browse and manage multiple images.
When you select the folder that contains the images that you want to display from the folder tree, the images are displayed in a thumbnail list. When you select an image from the thumbnail display area, the shooting information and image information of the selected image are displayed in the properties area. You can also add sorting checkmarks to the images, sort the images into groups, and display just those images with the same sorting checkmark in the thumbnail display area.
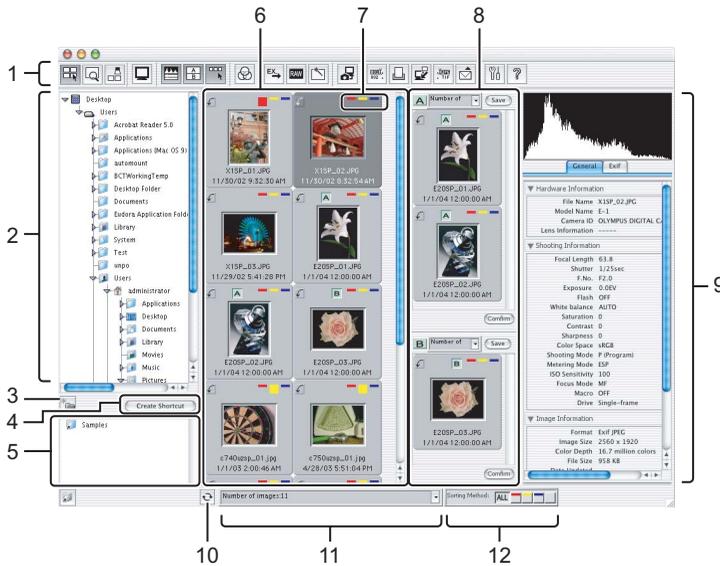
Browse Mode

Number	Item	Description	Ref. Page
—	Menu Bar	The menu used in the browse window appears. This is the same for Browse Mode, View Mode, and Light Box Mode.	P.146
1	Toolbar*1	The various buttons can be used for switching display modes, printing, and other functions. This is the same for Browse Mode, View Mode, and Light Box Mode.	P.34
2	Folder Tree	Displays the computer drives and folders as a tree.	P.39
3	[Create New Folder]	Creates a new subfolder in a drive or folder selected in the folder tree.	P.80
4	Create Shortcut	A shortcut to the folder displayed in the folder tree is created.	P.95
5	Shortcut Area*1	Displays the shortcuts created with the [Create Shortcut] button.	P.95
6	Thumbnail Display Area	Displays the images inside the folder selected in the folder tree in a list.	P.39
7	Sorting Checkmark	Click the [Red], [Yellow], or [Blue] icons to separate the images into different groups. Only those images with the same sorting checkmark can be displayed in the thumbnail display area.	P.48
8	Collection Area*1	This area is used to temporarily save images selected from the thumbnail display area. Collection areas A and B can be used to divide the images into different collection areas and save the images together in separate folders.	P.52
9	Properties Area*2	Displays the histogram, shooting information such as shutter speed, image information such as shooting date/time, and other information.	P.68
10	[Refresh]	The thumbnail display area is updated with the current images in the selected folder.	—
11	Status Box	Displays information related to the images in the thumbnail display area (total number or file size of images). You can select display items from the pull-down list.	—
12	Sorting Palette*1	The images in the thumbnail display area are shown or hidden according to the sorting checkmark. A combination of checkmarks can be used to create various sorting methods.	P.50

*1 Use the [View] menu to show or hide this item.
*2 Use the [File] menu to show or hide this item.

Browse Window

View Mode

This display mode can be used to enlarge and view an image in more detail.
Images selected from the thumbnail display area are displayed in the single image view area.

View Mode
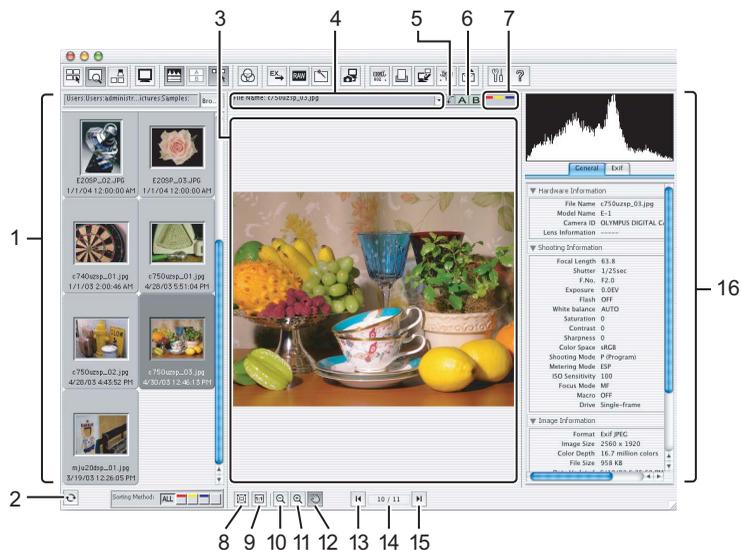
Number	Item	Description	Ref. Page
1	Thumbnail Display Area	Displays a list of images in the selected folder. The path name of the folder is displayed at the top of the area.	P.39
2	[Refresh]	The thumbnail display area is updated with the current images in the selected folder.	—
3	Single Image View Area	Displays an image selected from the thumbnail display area.	—
4	Status Box	Displays information (file name, shooting date, display position, or display magnification) for the image displayed in the single image view area. You can select display items from the pull-down list.	—
5	Rotate	The image can be rotated 90 degrees clockwise or counterclockwise.	P.46

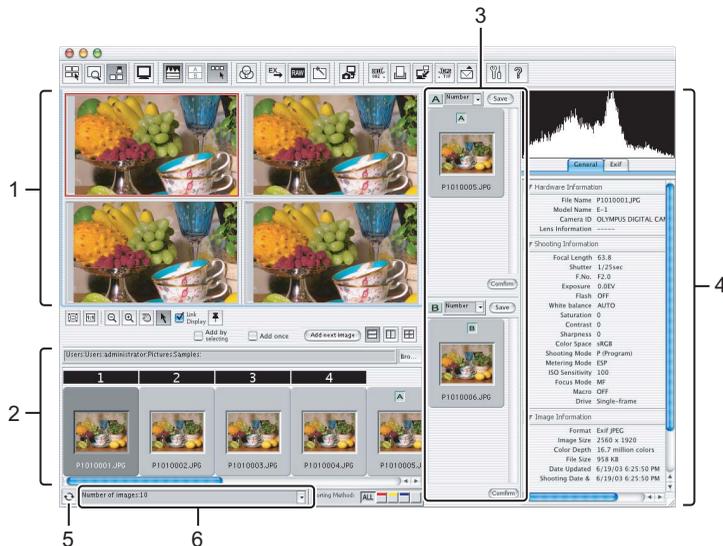| 6	Collection Button	Click the collection button [A] or [B] to divide an image either to collection area A and/or B. The collection areas are used to temporarily save divided images. The saved images are displayed when Browse Mode or Light Box Mode is selected as the display mode.	P.53
7	Sorting Checkmark	Click the [Red], [Yellow], or [Blue] icons to separate the images into different groups. Only those images with the same sorting checkmark can be displayed in the thumbnail display area.	P.48
8	Fit image to screen	The display magnification is automatically adjusted to display the image so as to fit the entire single image view area.	—
9	Display actual size	Displays the image at its actual size in the single image view area.	—
10	Zoom Out Mode	The cursor changes to the magnifying glass (–). When this cursor is placed over an image in the single image view area and clicked, the display zooms out on the image.	—
11	Zoom In Mode	The cursor changes to the magnifying glass (+). When this cursor is placed over an image in the single image view area and clicked, the display zooms in on the image.	—
12	Scroll Mode	The cursor changes to the hand tool. Drag this tool over the image in the single image view area to scroll the image.	—
13	Previous Image	Displays the previous image displayed in the single image view area. The images are displayed in the order of the images in the thumbnail display area.	—
14	Display position/ total number of images in folder	Indicates the number of the image displayed in the single image view area in the order that it is displayed in the thumbnail display area.	—
15	Next Image	Displays the next image displayed in the single image view area. The images are displayed in the order of the images in the thumbnail display area.	—
16	Properties Area*[1]	Displays the histogram, shooting information such as shutter speed, image information such as shooting date/time, and other information.	P.68

*[1] Use the [File] menu to show or hide this item.

Browse Window

Light Box Mode

This convenient display mode can be used to compare and select similar images. The images that you want to compare can be arranged together in the image comparison area and selected images can be divided into collection areas.

Light Box Mode

Number	Item	Description	Ref. Page
1	Image Comparison Area	Images in the thumbnail display area can be registered to this area by drag and drop. This is used when comparing several images. You can choose from a two or four-split screen display.	P.60
2	Thumbnail Display Area	Displays a list of images in the selected folder. The path name of the folder is displayed at the top of the area.	P.39
3	Collection Areas	This area is used to temporarily save images selected from the thumbnail display area or image comparison area. Collection areas A and B can be used to divide the images into different collection areas and save the images together in separate folders.	P.52
4	Properties Area*1	Displays the histogram, shooting information such as shutter speed, image information such as shooting date/time, and other information.	P.68

| 5 | [Refresh] | The thumbnail display area is updated with the current images in the selected folder. | — |
| 6 | Status Box | Displays information related to the images in the thumbnail display area (number of images and file size). You can select display items from the pull-down list. | — |

*1 Use the [File] menu to show or hide this item.

Toolbar functions

The following describes the functions of the toolbar buttons. For details of the functions, refer to the provided reference pages.
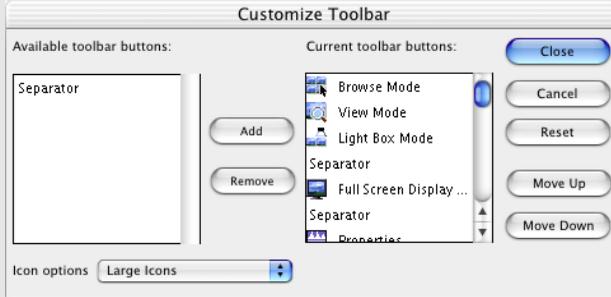
Toolbar

Button	Item	Description	Ref. Page
	Browse Mode	Changes the display mode to Browse Mode.	P.28
	View Mode	Changes the display mode to View Mode.	P.30
	Light Box Mode	Changes the display mode to Light Box Mode.	P.32
	Full Screen Display / Slide Show	Displays the selected image at full screen. The images in the selected folder are displayed in order one image at a time.	P.41, 44
	Properties	Displays or hides the histogram and shooting information of the selected image.	P.68
	Display Collection Area	Displays or hides collection areas A and B.	P.52
	Sorting Checkmark Display	Displays or hides the sorting palette, which is used to change the sorting method, and the sorting checkmark on the thumbnail border.	P.50
	Launch registered application	Starts the application software specified in the preferences.	P.79
	RAW Development	This is used for the development processes of RAW data.	P.74
	Rename All	Several image names can be renamed according to the rename rule.	P.84
	Print	Prints the selected image.	P.100
	Get Image	Transfers images from the camera or media to the computer.	P.20
	Convert Format	Converts the image save format and saves it.	P.92
	Send E-mail	Resizes the selected image and attaches it to an E-mail.	P.117
	Preferences	This can be used to customize the sorting checkmarks and set the color management.	P.126

| | Help | Displays the online help. | P.150 |

• The toolbar buttons can be deleted and the button icons can be resized.

Tips

1 Select [Customize Toolbar] from the [Tools] menu.
The [Customize Toolbar] dialog box appears.

2 Add or delete toolbar buttons.
To add a toolbar button, select the button you want to add from the [Available toolbar buttons] list and click the [Add] button. To delete a toolbar button, select the button you want to delete from the [Current toolbar buttons] list and click the [Remove] button. You can use the [Move Up] and [Move Down] buttons to change the order of the toolbar buttons.

3 Change the size of the button icons.
Select [Large Icons] or [Small Icons] from the [Icon options] pull-down list.

4 After completing the operations, click the [Close] button.

Selecting the display mode

The display mode of the browse window can be changed to enable you to browse, select, and compare images.

1 **Select [Browse Mode], [View Mode], or [Light Box Mode] from the [View] menu, or click the [Browse Mode], [View Mode], or [Light Box Mode] icon on the toolbar.**

Tips

• You can double-click an image in the thumbnail display area of the browse window in Browse Mode to change the display mode to View Mode. You can double-click an image in the single image display area in View Mode to change the display mode to Browse Mode.

• The image can also be displayed at full screen.
   ☞ "Full Screen Display" P.41

Using the thumbnail display area

The thumbnail display area can be displayed in Browse Mode, View Mode, or Light Box Mode in the browse window.
The following describes how to use the thumbnail display area.

Thumbnail border

The reduced images shown in the thumbnail display area are called thumbnail images. Each thumbnail image is displayed within a thumbnail border. The thumbnail border displays not only a reduced image, but also image information such as the file name, shooting date, etc. You can also rotate the image and add sorting checkmarks here.

Thumbnail border
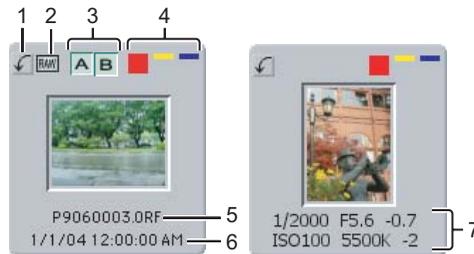
Number	Item	Description	Ref. Page
1	Rotate Button	Click this to rotate the image in the direction of the arrow. Click this while pressing the [Shift] key to rotate the image in the opposite direction.	P.46
2	RAW Icon	This is displayed when the image has RAW data.	—
3	Collection Icon	This is displayed when an image is registered in the collection area.	P.54
4	Sorting Checkmark	Adds a sorting checkmark.	P.48
5	File Name	Displays the file name.	P.39
6	Shooting Date	Displays the shooting date.	P.39
7	Shooting Information	Displays shooting information such as shutter speed, aperture value, exposure compensation, ISO, white balance, and white balance compensation.	P.39

Using the thumbnail display area

Tips
- If there is a folder within the selected folder, a subfolder icon appears on the thumbnail border. You can show or hide the subfolder icon.
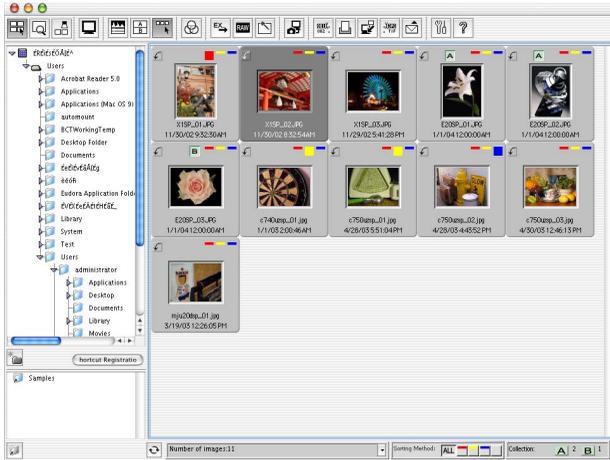 ☞ "Setting thumbnail border display items" P.39

Samples
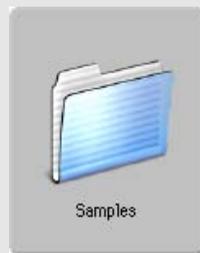
Subfolder Icon

Displaying thumbnail list

1 In Browse Mode, select a folder from the folder tree area.

The images in the selected folder are displayed in a list in the thumbnail display area.

Browse window (Browse Mode)

Setting thumbnail border display items

The file name, shooting date, shooting information, rotate button, RAW icon, sorting checkmark, and folder can be displayed on the thumbnail border. The file name and shooting date cannot be displayed with shooting information on the thumbnail border at the same time.

1 On [Thumbnail List Items] in the [View] menu, check the item you want to display.

Browse Window

Setting the display order of the thumbnail images

The thumbnail images can be displayed in the order of the file name, shooting date, sorting checkmark, or format. The thumbnail images can also be arranged in ascending or descending order.

1 **Select the display order from [Arrange] on the [View] menu.**

2 **Select [Ascending Order] or [Descending Order] from [Arrange] on the [View] menu.**

> **?**
> *Tips*
>
> • When sorted by shooting date/time, sorting checkmark, or format, the thumbnail images are listed in the alphabetical order of their file names.

Setting the display size of the thumbnail images

You can select from five display sizes: Smallest (80 × 80 pixels), Small (120 × 120 pixels), Medium (160 × 160 pixels), Large (200 × 200 pixels), and Largest (240 × 240 pixels).

1 **Select the display size from [Thumbnail Display Size] on the [View] menu.**

Full Screen Display / Slide Show

The following describes how to display images in Full Screen Display, Slide Show, and Multi Monitor by using Browse Mode, View Mode, and Light Box Mode in the browse window.

Full Screen Display

This displays the selected image at full screen. The buttons on the tool palette displayed with this function can be used to delete and enlarge images, add sorting checkmarks, and provide other tools.

1 **Select [Full Screen Display / Slide Show] from the [View] menu or click the [Full Screen Display / Slide Show] icon on the toolbar.**

Select the image to display at full screen from the thumbnail display area, single image view area, or collection area and then select [Full Screen Display / Slide Show] or click the icon.

The image is displayed at full screen.

Full Screen Display

Other operations to display an image at full screen

The following operations can also be used to display an image at full screen.

- Select an image from the thumbnail display area, single image view area, or collection area, and then double-click the image while pressing the [Shift] key.
- Select an image from the thumbnail display area, single image view area, or collection area, and then press the [Enter] key while pressing the [Shift] key.
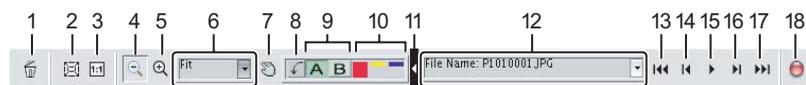- Double-click an image in the image comparison area.

Canceling Full Screen Display

Full Screen Display can be cancelled with either of the following operations.
- Press the [Esc] key.
- Double-click the image.

Tool palette

Tool palette

Number	Item	Description	Ref. Page
1	Delete	Deletes the image.	—
2	Fit image to screen	The display magnification is automatically adjusted to display the image so as to fit the entire screen.	—
3	Display actual size	Displays the image at its actual size.	—
4	Zoom Out Mode	The cursor changes to the magnifying glass (–). Click the image to zoom out.	—
5	Zoom In Mode	The cursor changes to the magnifying glass (+). Click the image to zoom in.	—
6	Display Magnification	Shows the current display magnification. Select the display magnification from the pull-down list to zoom in or out on an image.	—
7	Scroll Mode	The cursor changes to the hand tool. Drag this tool over the image to scroll the image.	—
8	Rotate	The image can be rotated 90 degrees clockwise or counterclockwise.	P.46
9	Collection Button	Divides the image displayed in the single image view area into collection areas.	P.53
10	Sorting Checkmark	Click the [Red], [Yellow], or [Blue] icons to separate the images into different groups. Only those images with the same sorting checkmark can be displayed in the thumbnail display area.	P.48

11	Tool Palette Full Display	This can be used to display the entire tool palette or hide part of the tool palette.	—
12	Status Box	Displays information (file name, shooting date, display position, or display magnification) for the image displayed at full screen. You can select display items from the pull-down list.	—
13	First image	Displays the first image in the thumbnail display area in the order of display.	—
14	Previous Image	Displays the previous image in the thumbnail display area in the order of display.	—
15	Slide Show	The images in a selected folder are displayed in order at a fixed interval.	P.44
16	Next Image	Displays the next image in the thumbnail display area in the order of display.	—
17	Last image	Displays the last image in the thumbnail display area in the order of display.	—
18	Hide Tool Palette	Hides the tool palette.	—

Note

- An image in the collection area cannot be deleted when it is displayed at full screen.
- The [Previous Image] and [Next Image] buttons cannot be used to display the previous or next image when an image in the image comparison area is displayed at full screen.

Tips

- The menu appears when you click (click while pressing the [Control] key in Macintosh, right-click in Windows) an image displayed at full screen. The menu has the same functions as the tool palette.
- When using the Multi Monitor setting, you can double-click an image in the thumbnail display area in Browse Mode to display the selected image at full screen on a separate monitor.
  "Displaying images with Multi Monitor" P.45
- You can set the margins and the color of the margins between the image and the screen. "Setting the [Full Screen Display] tab" P.132

Browse Window

Slide Show

The images in the same folder as the image currently displayed at full screen are displayed in order at a fixed interval. As the default setting, the images are displayed at 5-second intervals.

1 **Display an image at full screen.**

☞ "Full Screen Display" P.41

2 **Click the [Slide Show] icon on the tool palette.**

The slide show begins.

The [Slide Show] icon automatically changes to the [Pause] icon.

Pausing the slide show

Click the [Pause] icon on the tool palette during the slide show to pause.

!
Note

• Images in the image comparison area cannot be used with the slide show.
• Some of the functions on the tool palette cannot be used during the slide show.

?
Tips

• The interval at which the images are displayed can be changed.
  ☞ "Setting the [Full Screen Display] tab" P.132
• The slide show can be configured to replay from the first image after the last image is displayed (Loop Playback).
  ☞ "Setting the [Full Screen Display] tab" P.132

Displaying images with Multi Monitor

If you are using more than one monitor, you can display an image at full screen on a separate monitor. Multi Monitor can be configured in the preferences.
☞ "Setting the [Full Screen Display] tab" P.132

Images can be displayed at full screen on multiple monitors in the following situations.
- When an image is selected from the thumbnail display area in Browse Mode and then displayed at full screen.
- When an image is displayed in the single image display area in View Mode.

> ⚠️
> *Note*
>
> • When configuring Multi Monitor, some of the functions on the tool palette displayed on separate monitors cannot be used. Use the tool palette on the monitor that is operating OLYMPUS Viewer (main monitor).

Rotating images

Click the [Rotate] button on the thumbnail border or select [Rotate Image] from the menu bar to rotate images.

1 Select the image that you want to rotate from the thumbnail display area.

To select several images, select the images while pressing the following key.

• Macintosh (Mac OS 9) : [Shift] key
• Macintosh (Mac OS X) : [Shift] or [Command] key
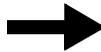• Windows : [Ctrl] key

2 Select [Clockwise 90°], [Counterclockwise 90°], or [180°] from [Rotate Image] on the [Edit] menu. You can also repeatedly click the [Rotate] button in the thumbnail border until the desired rotation position is reached.

The selected image is rotated in the specified direction.

Thumbnail border

X1SP_01.JPG
11/30/02 9:32:30 AM
Click the [Rotate] button

X1SP_01.JPG
11/30/02 9:32:30 AM
The image is rotated

Note

• When rotating a RAW image file, the displayed image is rotated, but the image data is not changed. The rotation information is recorded as image information.

Tips

- When the [Rotate] button on the thumbnail border is clicked, the image is rotated 90 degrees counterclockwise. The function of the [Rotate] button can be changed to rotate the image 90 degrees clockwise.
  ☞ "Setting the [Browse] tab" P.130

- To rotate the image in the opposite direction, click the [Rotate] button while pressing the [Shift] key.

- In rotating Exif image, you can configure the setting to either change the image information and rotate the actual image data or change the image information without rotating the actual image data. ☞ "Setting the [Browse] tab" P.130

Browse Window

47

Using sorting checkmarks

The sorting checkmark function can be used to sort your images into three categories.
The sorted images can then be displayed by category in the thumbnail display area in all display modes of the browse window.

• Add a sorting checkmark   • Sorted display by sorting checkmark
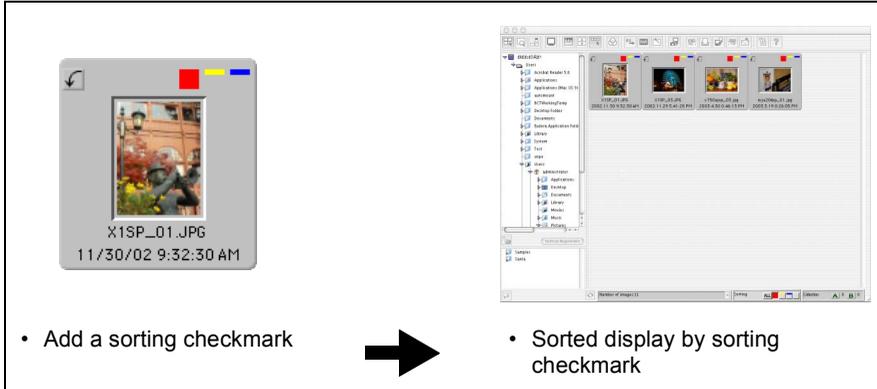
Adding a sorting checkmark

Sorting checkmarks appear at the top right of the thumbnail border. Red, yellow, and blue icons are used as the default sorting checkmarks. Clicking one of the three colored icons adds a sorting checkmark to an image and sorts that image.

1 Click a sorting checkmark on the thumbnail border.

Click one of the three colored icons.

You can also add a sorting checkmark by pressing the [1], [2], or [3] key.
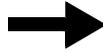
When several images are selected and a sorting checkmark is added, the same sorting checkmark is added to all the images.

To select several images, select the images while pressing the following key.

• Macintosh (Mac OS 9) :　[Shift] key
• Macintosh (Mac OS X):　[Shift] or [Command] key
• Windows　　　　　　 :　[Ctrl] key

Click a sorting
checkmark

Sorted image

Note
- If the sorting checkmarks are not displayed on the thumbnail border, select [Thumbnail List Items > Sorting Checkmark] from the [View] menu.
  "Setting thumbnail border display items" P.39
- Only one type of sorting checkmark can be added to an image.
- Sorting checkmarks cannot be changed or added to images on read-only media (such as a CD-ROM).

Tips
- In the single image view area, a sorting checkmark can be added to an image displayed in single image view by using the sorting checkmark icons at the top right of that area. "View Mode" P.30
- A sorting checkmark can also be added from the tool palette in Full Screen Display. "Full Screen Display" P.41

Canceling a sorting checkmark

1 **Click the sorting checkmark you want to cancel.**

Sorted image
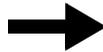
The sorting checkmark
is canceled

Note
Sorting checkmark data files
- The sorting checkmark information is stored in a data file. This data file is created automatically when a sorting checkmark is added, and the file is stored in the folder containing the image with the sorting checkmark.
- Please note that when deleting a sorting checkmark data file with different application software, the sorting checkmark attached to the image disappears.

Tips
- The sorting checkmark icons can be customized with your favorite color or symbol. "Setting the [Sorting Checkmark] tab" P.135
- The data files that contain the sorting checkmark information can be deleted all at once. "Setting the [Sorting Checkmark] tab" P.135

Browse Window

Sorting Method

The sorting palette can be used to display the images in the thumbnail display area by the type of sorting checkmark. By using the sorting palette, you can easily select the image display for each type of sorting checkmark on the toolbar.

1 **Select [Sorting Checkmark Display > Show Sorting Palette] from the [View] menu or click the [Sorting Checkmark Display] icon on the toolbar.**
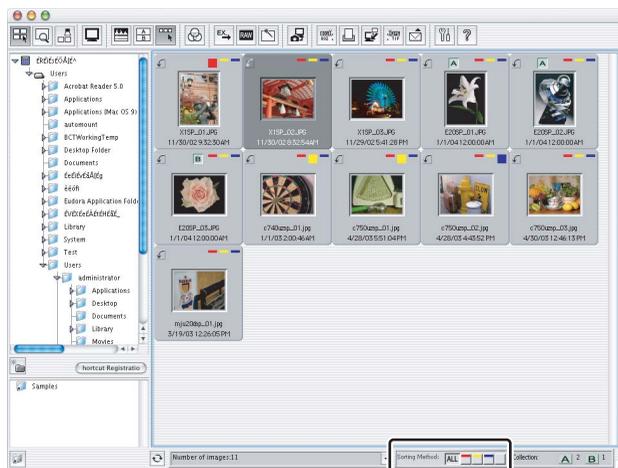
The sorting palette appears at the bottom of the window.

2 **Use the sorting palette to change the display of the thumbnail display area.**

Sorting palette

[ALL] : Displays all images within a folder.

[Red] : Displays only those images with a [Red] sorting checkmark.

[Yellow] : Displays only those images with a [Yellow] sorting checkmark.

[Blue] : Displays only those images with a [Blue] sorting checkmark.

[None] : Displays only those images without a sorting checkmark.

Tips

• You can change the display by selecting several options from the sorting palette. Select [Red] or [Blue], for example, to display images with [Red] or [Blue] sorting checkmarks in the thumbnail display area.

• If [Red], [Yellow], [Blue], and [None] are all selected on the sorting palette, [ALL] is automatically selected and all images in the folder are displayed in the thumbnail display area.

Browse Window

Using collection areas

The browse window has collection areas where you can save images in the thumbnail display area temporarily. Collection areas A and B can be used to divide and organize the images.

The collection areas are temporary areas and do not change the location where the images are saved. To save the images by collection, move or copy the images to separate folder manually.

The display method and format of displaying the collection areas differ depending on the display mode.

1 **Select an image in the thumbnail display area and place it in collection area A and/or B.**

☞ "Dividing images" P.54

2 **Confirm the images divided into collection areas A and B.**

☞ "Confirming images" P.56

3 **Copy or move the confirmed images to a separate folder.**

☞ "Saving images" P.58

● **Using the collection areas in Browse Mode**

Select [Display Collection Area] from the [View] menu or click the [Display Collection Area] icon on the toolbar to display the collection areas. When the collection areas are hidden, the collection buttons at the bottom of the window can be used to divide the images.

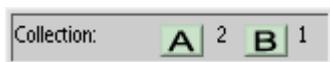• **Display collection areas**

Collection areas   **Collection button**

• **Hide collection areas**

Collection buttons

● **Using the collection areas in View Mode**

The collection areas disappear in View Mode. Click the collection buttons at the top right of the single image view area to divide the images.

Collection buttons

● **Using the collection areas in Light Box Mode**

The same collection areas in Browse Mode are displayed. The collection areas cannot be hidden in this display mode.

Browse Window

53

Dividing images

The images in the thumbnail display area can be divided into collection areas.

1 **Drag and drop the images in the thumbnail display area to the collection areas, or select the images and click the [A] or [B] collection buttons.**
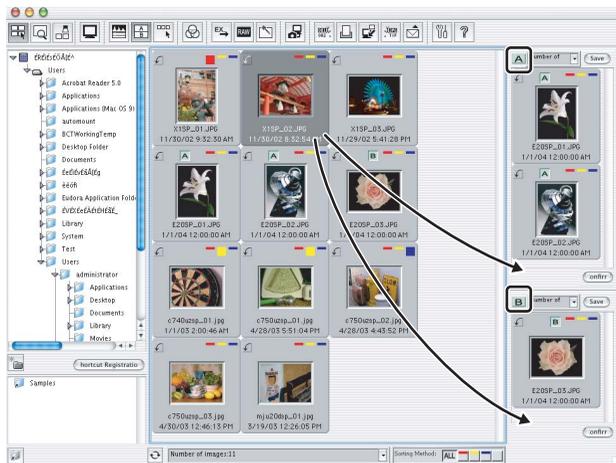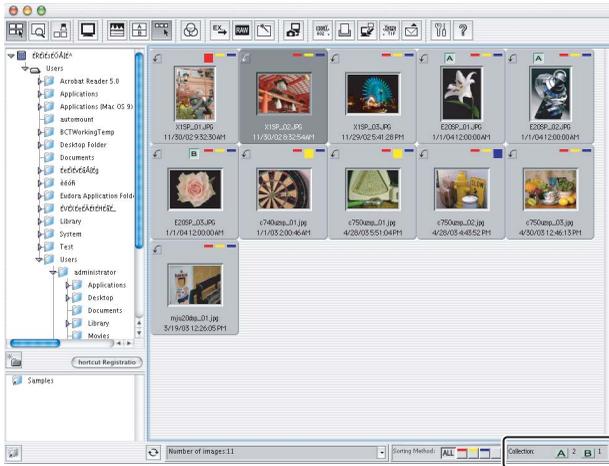
Collection areas

A collection area icon appears on the thumbnail border.

Thumbnail border

The collection buttons can be used to divide images even when the collection areas are hidden. Click the [A] or [B] collection button or drag and drop the images to the area where the number of files is displayed next to the collection buttons.

Collection areas are hidden

Removing an image from a collection area

Select the image that you want to remove from the collection area and perform one of the following operations.

- Drag and drop the image to the thumbnail display area.
- Select [Delete] from the [File] menu.
- Press the [Delete] key.

> **Note**
> - When you exit the browse window, the collections are not retained. The next time the browse window is opened, the collection areas will be empty.

> **Tips**
> - Images can be moved between collection areas by dragging and dropping them. Images can be copied from one collection area to another by dragging and dropping the images while pressing the [Option] key in Macintosh or the [Ctrl] key in Windows.
> - One image can be placed into both collection areas A and B.

Confirming and saving divided images

Images registered in the collection areas can be confirmed by displaying the images in a list. An entire collection of images can also be copied or moved to a separate folder as needed.

Images are confirmed and saved in the collection areas. Images cannot be confirmed or saved in View Mode or when the collection areas are not shown.
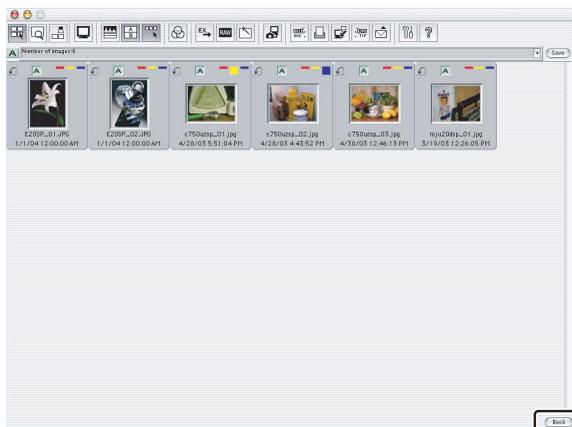
Collection areas
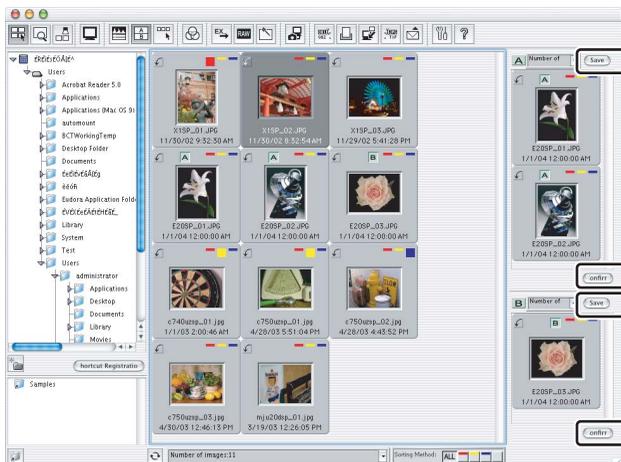
● Confirming images

1 Click the [Confirm] button in a collection area.

The registered images are displayed in a thumbnail list.

Click the [Back] button at the bottom right of the window to return to the original display mode.

Browse Window

2 Double-click the thumbnail of an image to enlarge and confirm.

The Collection View Mode appears.

Double-click the single image view area or press the [Esc] key to return to the original display mode.

Collection View Mode

?
Tips

Collection View Mode

• The images registered in the collection areas are displayed in a window similar to that of View Mode. The Collection View Mode can be used to enlarge images and view detailed information about the images.
  ☞ "View Mode" P.30

● Saving images

1 Click the [Save] button in a collection area.

The [Selecting Collection] dialog box appears.

[Selecting Collection] dialog box

Item	Description
Where	Select where you want to save the selected file.
[Browse Shortcut]	Click this to display a list of registered shortcuts. When a shortcut is selected from the list, the selected position on the folder tree jumps to the destination of the shortcut link. ☞ "Creating a folder shortcut" P.95
Folder Tree	Select the destination folder.
[New Folder]	Click this to create a new folder in which to save the selected file. Creates a new subfolder in a drive or folder selected in the folder tree.
Selection Method	Select [Copy] or [Move] for the method of saving the image. Please note that if you select [Move], the image is deleted from the original saved location.
[Cancel]	Cancels the collection selection.
[OK]	The image is copied or moved to the folder selected in the folder tree.

2 **Select the destination folder.**

You can create a new folder. Click the [New Folder] button to create a new subfolder in the selected drive or folder.

3 **Select the selection method.**

Click the [Copy] or [Move] button.

4 **Click the [OK] button.**

The images in the collection area are saved in the selected folder or a newly created subfolder.

Note

- When [Move] is selected in step 3 for an image registered in both of the collection areas A and B, the image is copied.
- A confirmation message appears when [Move] is selected for image files in read-only media. When the [OK] button is clicked on the confirmation message, the image file is copied (not moved).
- If you exit the browse window without saving the images divided into the collection areas, a warning message appears indicating that the result of this collection process will be lost.

Browse Window

59

Using the image comparison area

The image comparison area can be used to display images selected from the thumbnail display area side-by-side. This function is useful for comparing and examining several images in order to select the best image.
The image comparison area is used in Light Box Mode.
☞ "Selecting the display mode" P.36

Image comparison area

The following describes the part names and functions of the image comparison area.

Light Box Mode

Horizontal two-split screen layout

Number	Item	Description
1	Image Comparison Area	Images in the thumbnail display area can be registered and displayed, and multiple images can be compared. The numbers of the image comparison areas are displayed. If the display layout is a two-split screen, numbers 1 and 2 appear. If it is a four-split screen, numbers 1, 2, 3, and 4 appear. The display layout can be changed with the [Change Display Layout] button.
2	Fit image to screen	The display magnification is automatically adjusted to display the image so as to fit the entire image comparison area.
3	Display actual size	Displays the image at its actual size.
4	Zoom Out Mode	The cursor changes to the magnifying glass (–). Click the image to zoom out.
5	Zoom In Mode	The cursor changes to the magnifying glass (+). Click the image to zoom in.
6	Scroll Mode	The cursor changes to the hand tool. Drag this tool over the image to scroll the image. Move the cursor while pressing the [Shift] key to temporarily change the cursor to the pointer tool.
7	Pointer Tool	This is used to select images and drag and drop images to the collection area.
8	Link Display	When checked, the operations (zoom in, scroll, etc.) applied for one image in the image comparison area are shared with the other images in the image comparison area. The current scroll position in each comparison area, however, cannot be changed even if checked. To compare several images shot with the same composition but at different settings, for example, you can display the images in the image comparison area and then use this function to zoom in on the same part of the image for comparison. Operating while pressing the [Shift] key temporarily disables the function.
9	Pushpin	You can save a desired image that you compared or an image for comparison in the image comparison area. Click the [Pushpin] button and a [Pushpin] icon appears in the image comparison area. Other images cannot be registered in this image comparison area. Click the [Pushpin] button again or click the [Pushpin] icon to remove the icon.
10	Add by selecting	When checked, an image can be registered in the image comparison area simply by selecting (clicking) that image in the thumbnail display area.
11	Add once	When checked, several images can automatically be registered in the comparison area without the Pushpin icons simply by selecting an image.
12	[Add next image]	The next image in the thumbnail display area is registered in the image comparison area.

Browse Window

| 13 | [Change Display Layout] | The layout of the image comparison area can be set to a vertical two-split screen (▤), horizontal two-split screen (▯), or a four-split screen (▦). |

Displaying images in the image comparison area

Images in the thumbnail display area can be registered and displayed in the image comparison area.
You can register an image with any of the following five methods.
- Drag and drop an image.
- Double-click an image.
- Check [Add by selecting] checkbox.
- Check [Add once] checkbox.
- Click the [Add next image] button.

Please take note of the following when displaying an image to the image comparison area.
- The area shown with a red border is the area where the image is added. Therefore, before registering the image, select the area to which you want to register an image with a red border.
- An image can be freely registered to the desired area by drag and drop without having to select the image comparison area.
- An image cannot be registered to an area marked with a pushpin.
- An image cannot be registered to more than one area.

● Dragging and dropping an image

You can drag and drop an image to register it in the image comparison area.

1 Drag and drop an image in the thumbnail display area to the image comparison area.

You can also select and drag and drop several images.

Light Box Mode

The selected image is registered in the image comparison area.

Tips
- When an image is registered to the image comparison area, the image comparison area number appears above (during four-split screen) or on the left (during two-split screen) of the thumbnail border. When the display is changed from four-split screen to two-split screen and areas 3 and 4 are hidden, these areas become grayed out.

● Double-clicking an image

You can double-click an image to register it in the image comparison area.

1   **Select the image comparison area to register the image.**

2   **Double-click the image in the thumbnail display area.**
The selected image is registered in the image comparison area.

● Using the [Add by selecting] checkbox

An image can be registered in the image comparison area simply by selecting (clicking) an image in the thumbnail display area.

1 **Check [Add by selecting].**

2 **Select the image comparison area to register the image.**

3 **Select (click) an image in the thumbnail display area.**

The selected image is registered in the image comparison area.

● Using the [Add once] checkbox

Several images can be registered in the image comparison area simply by selecting a single image.

1 **Check [Add once].**

2 **Select the image comparison area to register the image.**

"2" is selected here.
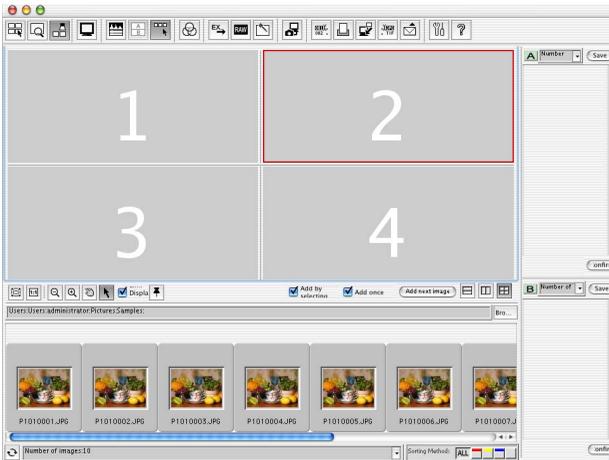
3 Select (click) an image in the thumbnail display area.

The successive images selected in the thumbnail display area are displayed in the image comparison areas following the number selected in the previous step. In this example, the images are registered in image comparison areas 2, 3, 4, and then 1.
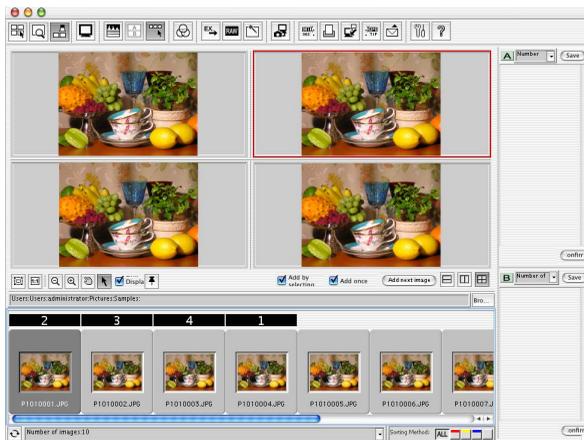
● Using the [Add next image] button

Each time the [Add next image] button is clicked, an image next to the currently selected image in the thumbnail display area is registered in the image comparison area. This is convenient when used with the [Pushpin] button.

1 Click the [Add next image] button.

The next image in the thumbnail display area is registered in the selected image comparison area. The [Add next image] button can be repeatedly clicked until you find an image you want to compare.

Browse Window

66
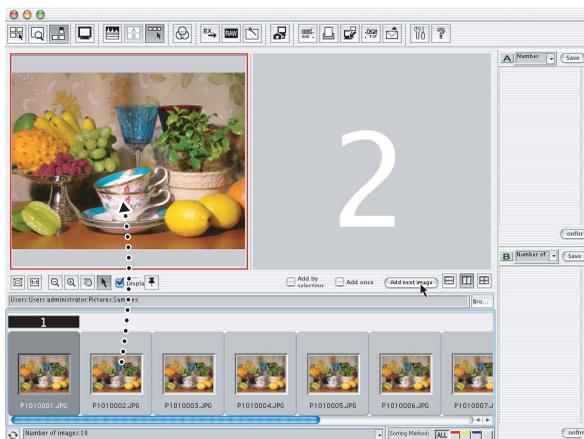
2 **When you find the desired image, click the [Pushpin] button.**

The [Pushpin] icon appears on the image in the selected image comparison area.

The next image comparison area is then selected automatically.
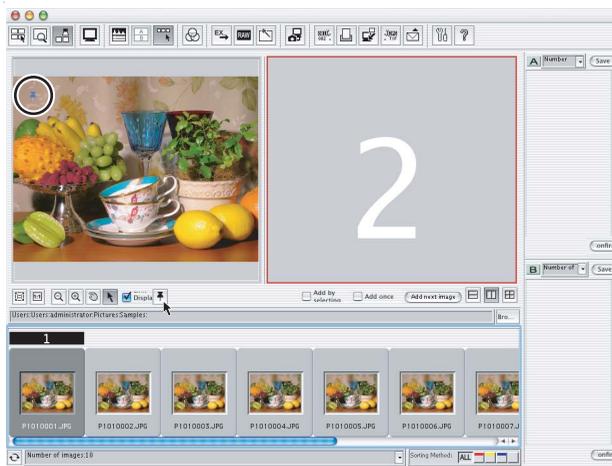
3 **Click the [Add next image] button again.**

The next image following the image selected in the thumbnail display area is registered in the image comparison area selected in step 2 above. The [Add next image] button can be repeatedly clicked until you find an image you want to compare.

● Deleting images from the image comparison area

The following describes how to delete images registered in the image comparison area in order to free up more space.

1 **Select an image in the image comparison area and press the [Delete] key.**

The image in the comparison area is deleted.

? *Tips*	• After using the image comparison area to select the best image, that image can be placed into a collection area and copied or moved to a separate folder. ☞ "Dividing images" P.54, "Confirming and saving divided images" P.56

Browse Window

67

Showing image information

Image information such as the image histogram, shutter speed and image size in the thumbnail display area is displayed in the properties area. The properties area display is hidden by default. The properties area can be shown or hidden for each display mode (Browse Mode, View Mode, and Light Box Mode) in the browse window.

The information displayed varies depending on the camera and recording format. Shooting information displays the shooting settings for the camera.

Displaying the properties area

1 **In the thumbnail display area, select the image that you want to display with the properties.**

2 **Select [Properties] from the [File] menu or click the [Properties] icon on the toolbar.**

The properties area appears on the right-hand side of the window in Browse Mode, View Mode, or Light Box Mode.

If another image is selected while the properties area is displayed, the information in the properties area changes.

Properties area
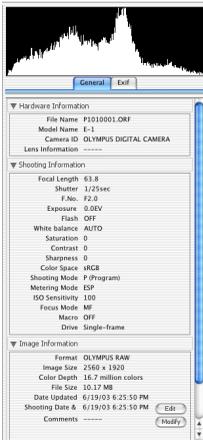
Item	Description
Histogram	Displays the luminance distribution of the image. When the distribution is concentrated to the left of the left-hand line, this indicates that the image appears mostly black. When the distribution is concentrated to the right of the right-hand line, this indicates that the image appears mostly white.
[General] tab	General information is displayed by hardware information, shooting information, and image information. The shooting date and comments can be edited in the [General] tab. Shooting information displays the shooting settings for the camera.
[Exif] tab	All Exif tag information for images shot with an Exif camera is displayed.

Browse Window

[General] tab

Click the [▼] icon to the left of each category title to show or hide that category.

[General] tab page
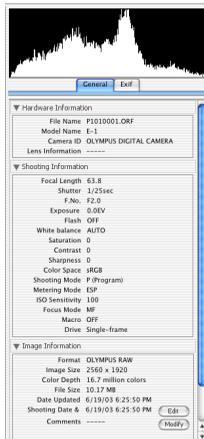
The information displayed in each category is as follows.

Hardware information

File Name, Model Name, Camera ID, Lens Information

Shooting information

Focal Length, Shutter, F.No., Exposure Compensation, Flash (+Flash Compensation)*, White balance (+White balance compensation)*, Saturation, Contrast, Sharpness, Color Space, Shooting Mode (+AE Lock)*, Metering Mode, ISO Sensitivity, Focus Mode, Macro, Drive
* The information in parentheses is only displayed when settings are available.

Image information

Format, Image Size, Color Depth, File Size, File Location, Date Updated, Shooting Date, Comments

[Exif] tab

The information displayed in the [Exif] tab is as follows.

Image title, Image input equipment manufacturer, Image input equipment model, Orientation of image, File change date and time, Exposure time, F number, Exposure program, ISO speed rating, Exif version, Date and time of original data generation, Date and time of digital data generation, Exposure bias, Maximum lens aperture, Metering mode, Light source, Flash, Lens focal length, User comments, Supported Flashpix version, Color space information, Custom image processing, Exposure mode, White balance, Digital zoom ratio, Scene capture type, Gain control, Contrast, Saturation, Sharpness etc.

[Exif] tab page

Browse Window
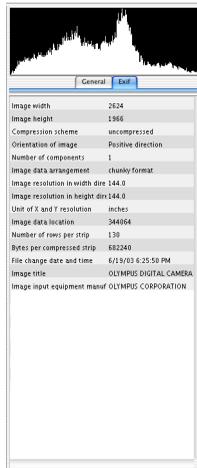
•	Some items may not be displayed in the properties area depending on the recording format of the file and camera.

Note

Editing comments

Comments can be added and edited for Exif-JPEG, Exif-TIFF and RAW data image files.

1 Display the image information from the [General] tab of the properties area and click the [Edit] button for the comments.

The [Edit Comment] dialog box appears.

[Edit Comment] dialog box
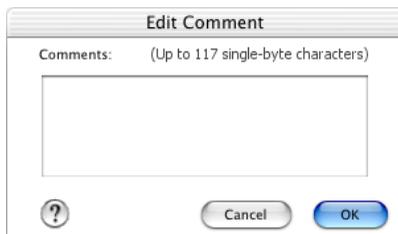
Item	Description
Comments	Enter comments here. You can enter up to 117 single-byte characters. If a comment is already entered, the comment is displayed.
[Cancel]	Cancels comment editing.
[OK]	The comment you entered is saved.

2 Enter a comment in the comment column and click the [OK] button.

The entered comment appears in the properties area.

!
Note

• If the image is in Exif-JPEG or Exif-TIFF format, you may not be able to add comments depending on the recording status of the file.

Editing the shooting date

The shooting date in Exif-JPEG, Exif-TIFF, and RAW data image files can be changed.

1 **Display the image information from the [General] tab of the properties area and click the [Modify] button for the shooting date.**

The [Correct shooting date] dialog box appears.

[Correct shooting date] dialog box
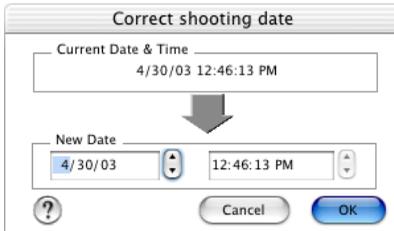
Item	Description
Current Date & Time	Displays the previously set shooting date.
New Date	This is used to change the shooting date. Select the date from the pull-down list and set the time with the ⏶ and ⏷ buttons.
[Cancel]	Cancels any changes to the shooting date.
[OK]	The changes to the shooting date are saved.

2 **Set the new date and click the [OK] button.**

The changed shooting date appears in the properties area.

Browse Window

RAW Development

RAW data is developed and processed and the results are saved in an image file. Only RAW (*.orf) files are affected. Multiple RAW data can also be processed at the same time.
RAW data is unprocessed data to which white balance, sharpness, contrast, color conversion, and other development processes have not been applied.

1 **Select an image with RAW data.**

You can only select image files with RAW Data (*.orf) format.

2 **Select [RAW Development] from the [Edit] menu, or click the [RAW Development] icon in the toolbar.**

The [RAW Development] dialog box appears.

[RAW Development] dialog box
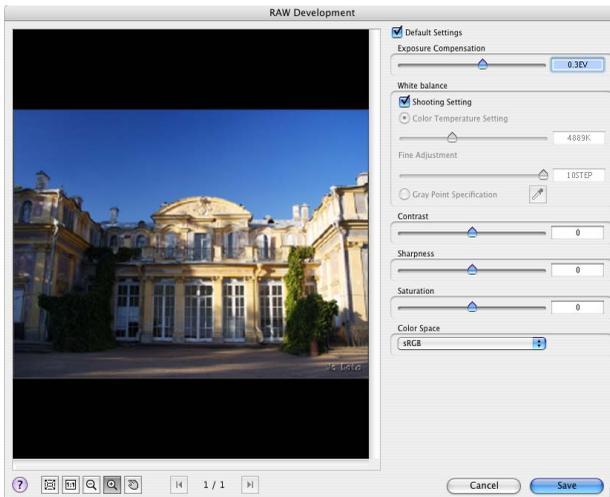
> **!**
> *Note*
>
> • RAW development can only be used with images in RAW format. When an image with a different format is selected, [RAW Development] is grayed out and cannot be configured.

3 Configure each item.

The same settings are applied to all RAW data selected in step 1 above.

Item	Description
Preview Area	Displays the results of the configured development processes. When several RAW data images are selected in the thumbnail display area, [◄] and [►] can be clicked to select the image you want to preview.
Default Settings	Check this box to return all setting items to the default setting. At the beginning the box is checked, but is automatically removed when the settings are changed.
Exposure Compensation	Adjusts the exposure of the image. You can manually adjust the exposure by dragging the slider to the left or right. The exposure value can be set from –2.0 to +2.0 in increments of 0.1 EV. You can also directly enter the exposure value.
White balance	Adjusts the white balance of the image. • Shooting Setting: Check this box to set the white balance for shooting. If a preset white balance setting is selected, the value is shown such as [5300K +3 STEP]. If the one touch white balance setting is selected, the value is shown as [One Touch WB1]. The display varies depending on the model. • Color Temperature Setting: You can manually adjust the color temperature by dragging the slider to the left or right. It can be set from [2000K] to [10000K] in increments of 100K. You can also directly enter the value. Fine Adjustment: You can manually adjust the color temperature by dragging the slider to the left or right. It can be set in 21 steps from [–10] to [+10]. • Gray Point Specification: Click the [Eyedropper tool] button to change the mouse cursor to the eyedropper tool. Click the desired area on the image in the preview area to specify a gray point. (The average RGB value for the area clicked is displayed in [R], [G], and [B].)
Contrast	Adjusts the contrast of the image. You can manually adjust the contrast by dragging the slider to the left or right. The contrast can be set in 11 steps from [–5] to [+5].
Sharpness	Adjusts the sharpness of the image. You can manually adjust the sharpness by dragging the slider to the left or right. The sharpness can be set in 11 steps from [–5] to [+5].
Saturation	Adjusts the saturation of the image. You can manually adjust the saturation by dragging the slider to the left or right. The saturation can be set in 11 steps from [–5] to [+5].

Color Space	Sets the color space of the image. Select [sRGB], [Adobe RGB], or [ProPhoto RGB] from the list for the color space.
[Cancel]	Cancels the RAW development settings.
[Save]	Displays the [Specify Destination] dialog box to select the file name and format after development processes are applied to an image.

4 Click the [Save] button.

The [Specify Destination] dialog box appears.

[Specify Destination] dialog box

Item	Description
Folder	Click the [Browse] button to specify the destination of the image.
File Name	Select either of the following naming conventions. • Original File Name: 　　The files are saved with the same names as the image files for development processing. 　　If a different file format is selected in [Format], the files are saved as separate files with a different extension. • Optional File Name: 　　Check this box to automatically name and save the file. You can also click the [File Naming Rule] button to display the [File Naming Rule] dialog box and set a rename rule.
Format	From the list, specify the format of the image to be saved.
Compression ratio	This can only be specified when [Exif-JPEG] or [JPEG] is selected as the file format in [Format]. Select [High Quality], [Standard Quality], or [Low Quality].
Comments	Check this box to enter a comment when saving the file. This box can only be checked when [Exif-JPEG] or [Exif-TIFF] is selected as the file format in [Format]. This option is grayed out when another file format is selected.
Open registered application after saving	Check this box to automatically display the developed and processed images with the registered application.

[Start]	Applies development processes with configured settings.
[Cancel]	Cancels the specifying of the destination.

5 Specify an item and click the [Start] button.

When the [Start] button is clicked, the configured development processes are applied and the image is saved using the settings in the [Specify Destination] dialog box.

Launching a registered application

Images can also be opened and edited in other image editing application software. You must first register the application software you want to launch in the preferences.

1 **Select an image in the thumbnail display area you want to open with a registered application software.**

To select several images, select the images while pressing the following key.

- Macintosh (Mac OS 9) : [Shift] key
- Macintosh (Mac OS X) : [Shift] or [Command] key
- Windows : [Ctrl] key

2 **Select [Launch registered application] from the [Edit] menu or click the [Launch registered application] icon on the toolbar.**

The registered application software is launched.

The image is displayed with the launched application software.

For instructions on how to operate the application software, refer to the operation manual supplied with your application software.

!
Note

Pre-registering an application

- You must first register the application software. Select [Preferences] from the [Tools] menu to display the [Preferences] dialog box and register the application software. ☞ "Setting the [General] tab" P.128

?
Tips

- RAW image files will be developed by OLYMPUS Viewer using the regular settings before being opened in the registered application.

Using folders and files

You can change the file names of images transferred to a computer for easier reference and organize the images by dividing them into new folders. The following describes how to use folders and files to organize your images.

Creating a new folder

1 **Set the display mode to Browse Mode.**
☞ "Selecting the display mode" P.36

2 **In the folder tree, select the drive or folder in which you want to create a new folder.**

3 **Select [Create New Folder] from the [File] menu.**
A new subfolder is created in the selected drive or folder.

4 **Enter a name for the new folder.**

Browse Window

Moving files to a new subfolder

You can create a new subfolder inside a folder in which the selected file is saved and then move that file to the subfolder.

1 Set the display mode to Browse Mode.

☞ "Selecting the display mode" P.36

2 Select the file in the thumbnail display area that you want to move.

To select several images, select the images while pressing the following key.

- Macintosh (Mac OS 9) : [Shift] key
- Macintosh (Mac OS X): [Shift] or [Command] key
- Windows : [Ctrl] key
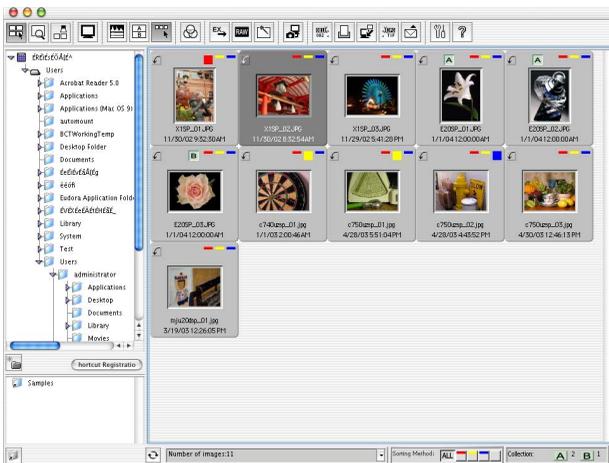
3 Select [Move selected file to new subfolder] from the [File] menu.

A new folder labeled [Destination Folder] is created inside the folder in which the selected file is saved, and the selected file is then moved to that subfolder.

4 Enter a name for the destination folder.

> *Note*
> - In Windows, a confirmation message appears if read-only files are included among the files to be moved. Click the [Yes] button to move all read-only files.
> - Files in read-only media cannot be moved.

Browse Window

Renaming files and folders

1 Select the folder or file in the thumbnail display area with the name you want to change.
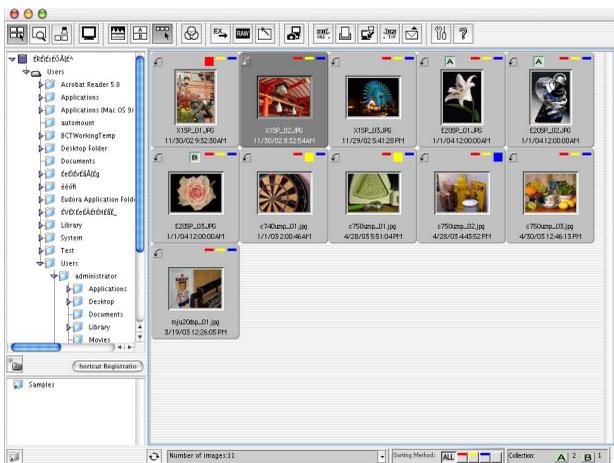
2 Select [Rename] from the [File] menu.

The [Rename] dialog box appears.

[Rename] dialog box
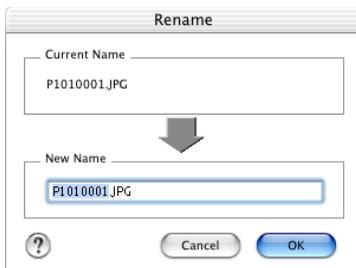
Item	Description
Current Name	Displays the original name.
New Name	Enter a new name here.
[Cancel]	Cancels the name change.
[OK]	Changes the name.

3 Enter a new name in the [New Name] field.

4 Click the [OK] button.

The name of the selected folder or file is changed.

Note

- Names of files in read-only media cannot be changed.
- If the name entered in the [New Name] field already exists, an error message will appear.

Tips

- Folder names can be changed directly on the folder tree.
- In Windows, you can select a folder or file and press the [F2] key to change the name.

Browse Window

Renaming files simultaneously

The names of several files can be renamed at the same time. This can be done by configuring the rename rule. The renaming of all files can be used to easily identify files with the same shooting date by the file name and add serial numbers to the file names.

● Rename Rule

A file name is configured into three blocks: [Prefix], [Base], and [Suffix]. Optional separator characters can be placed between the blocks. The extension is the same as that of the original extension.

Any of the following six types can be selected for each block. Depending on the item, after it is selected, additional strings may be entered or selected from a box.

None	Selected when the block is not set.
Original File Name	Uses the current file name.
Optional String	Enter or select a new file name. This is entered directly into the box displayed at the bottom or selected from past input strings. A maximum of five input strings can be displayed in and selected from the pull-down list.
Shooting Date	Configures the shooting date. Select one of the following six shooting date formats from the box displayed at the bottom. The date updated is displayed for files without a recorded shooting date. • [YYYYMMDD] • [YYMMDD] • [MMDDYYYY] • [MMDDYY] • [DDMMYYYY] • [DDMMYY]
Shooting Date & Time	Configures the shooting date and time. Select one of the following six shooting date/time formats from the box displayed at the bottom. The date/time updated is displayed for files without a recorded shooting date/time. • [YYYYMMDD_HHMMSS] • [YYMMDD_HHMMSS] • [MMDDYYYY_HHMMSS] • [MMDDYY_HHMMSS] • [DDMMYYYY_HHMMSS] • [DDMMYY_HHMMSS]
Serial Number	Configures a serial number up to 9999. Select the starting number and number of digits (maximum of four) from the two boxes displayed at the bottom. If the selected number of digits is not sufficient for a file, another digit is automatically added to the file name.

Note
- If [Digits] for the serial number is set to [4] and more than four digits are required, an error message appears. Click the [OK] button and reset the digits or starting number.

Tips
- If the configured file name already exists in the same folder, a serial number is automatically added to the suffix of the new file name.
  Example: When files Snap_0001.jpg and Snap_0003.jpg exist in the same folder.

  File names to be changed   File names after all files are renamed
  Snap_0001.jpg → Snap_0001_01.jpg
  Snap_0002.jpg → Snap_0002.jpg
  Snap_0003.jpg → Snap_0003_01.jpg

1 **Select the group of files in the thumbnail display area that you want to rename.**

To select several images, select the images while pressing the following key.

- Macintosh (Mac OS 9) : [Shift] key
- Macintosh (Mac OS X): [Shift] or [Command] key
- Windows : [Ctrl] key

Browse Window

85
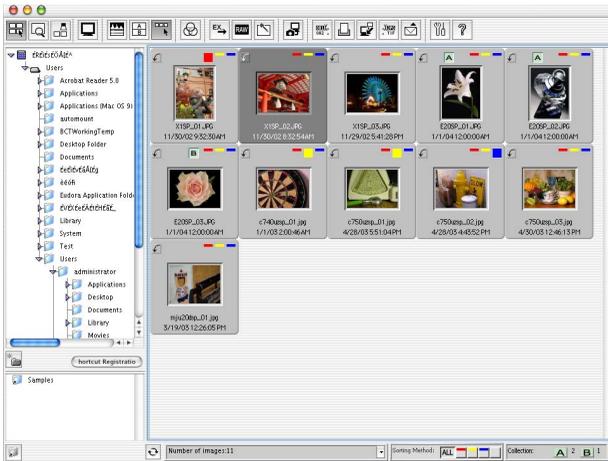
2 **Select [Rename All] from the [File] menu or click the [Rename All] icon on the toolbar.**

The [Rename All] dialog box appears.

[Rename All] dialog box
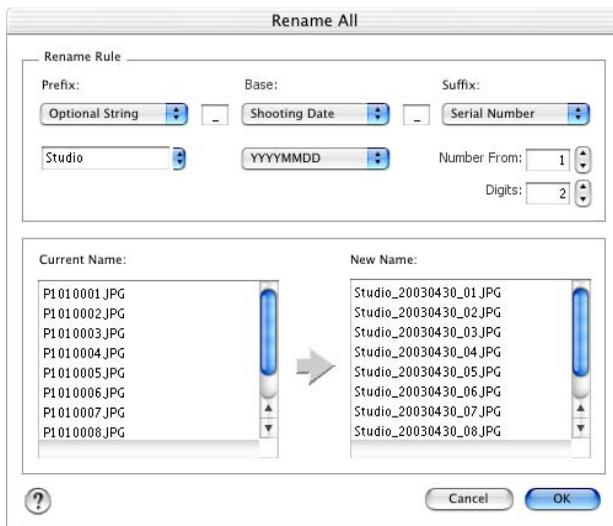
Item	Description
Rename Rule	You can select from six items for the [Prefix], [Base], and [Suffix] blocks. Depending on the item, information may be entered in or selected from the box.
☐ (separator characters)	Enter separator characters for each block. If nothing is entered, no separator characters will be used. One single-byte or double-byte character can be entered for each separator character.
(Optional string setting box)	Displayed when [Optional String] is selected for a block. Directly enter a string or select a previously entered string from the pull-down list.
(Shooting date setting box)	Displayed when [Shooting Date] is selected for a block. Select the shooting date format from the pull-down list.
(Shooting date/time setting box)	Displayed when [Shooting Date & Time] is selected for a block. Select the shooting date/time format from the pull-down list.
Number From	Displayed when [Serial Number] is selected for a block. Enter the starting number of the serial number.
Digits	Displayed when [Serial Number] is selected for a block. Enter the number of digits for the serial number.
Current Name	Displays the selected file name.
New Name	Displays the file name given according to the configured rename rule.

[Cancel]	Cancels the renaming of all file names.
[OK]	All files are renamed according to the configured rename rule.

3 Configure the rename rule.

Configure the [Prefix], [Base], and [Suffix] blocks of the rename rule.

If [Optional String] is selected, enter the optional string in the box displayed at the bottom or select the optional string from the pull-down list.

If [Shooting Date] or [Shooting Date & Time] is selected, select the display format from the pull-down list displayed at the bottom.

If [Serial Number] is selected, enter the starting number and number of digits.

Also, enter separator characters between the blocks as needed.

After each block is configured, the new file names appear in the [New Name] box.
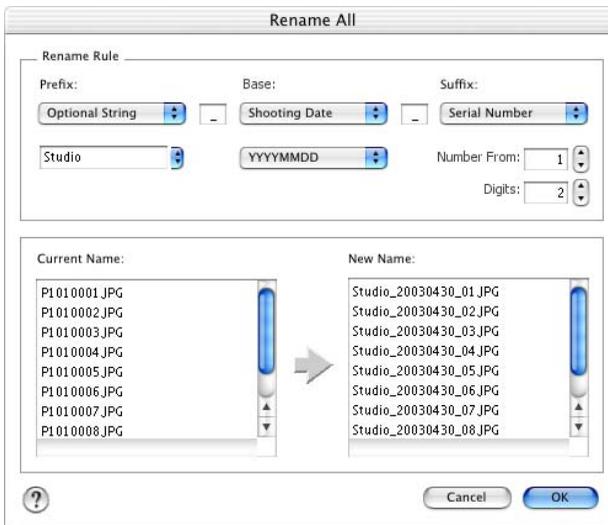
4 Click the [OK] button.

All selected files are renamed.

Tips

• All files in the collection areas can be selected and renamed.

Note

• The extensions of the renamed files remain the same as those of the original files. The file extensions cannot be changed using the Rename All function. To change a file extension, you must convert the format of the file.
  ☞ "Converting the file format" P.92

• The names of files in read-only media cannot be changed.

Copying a file

1 **Set the display mode to Browse Mode.**

☞ "Selecting the display mode" P.36

2 **Select the file in the thumbnail display area that you want to copy.**

To select several images, select the images while pressing the following key.

- Macintosh (Mac OS 9) : [Shift] key
- Macintosh (Mac OS X): [Shift] or [Command] key
- Windows : [Ctrl] key
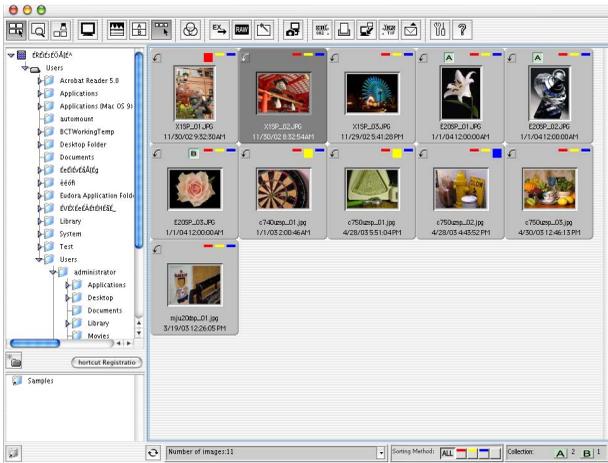
3 **Select [Copy] from the [Edit] menu.**

4 **Select the destination folder in the folder tree area.**

5 **Select [Paste] from the [Edit] menu.**

The selected file is copied to the designated folder.

> **?**
> *Tips*
>
> • Files can also be copied by selecting the file that you want to copy and then dragging and dropping that file to the destination folder. To copy files within a drive, drag and drop the files while pressing the [Option] key in Macintosh or the [Ctrl] key in Windows.

Copying an image

A selected image can be pasted into text or a table created using a separate application software.

1 **Select the image in the thumbnail display area that you want to copy.**

2 **Select [Copy Image] from the [Edit] menu.**

3 **Paste the image in the separate application software.**
The selected image is pasted.

> *Note*
> • For instructions on how to paste images, refer to the operation manual supplied with your application software.

Moving a file

1   Set the display mode to Browse Mode.

☞ "Selecting the display mode" P.36

2   Select the file in the thumbnail display area that you want to move.

To select several images, select the images while pressing the following key.

- Macintosh (Mac OS 9) : [Shift] key
- Macintosh (Mac OS X): [Shift] or [Command] key
- Windows : [Ctrl] key
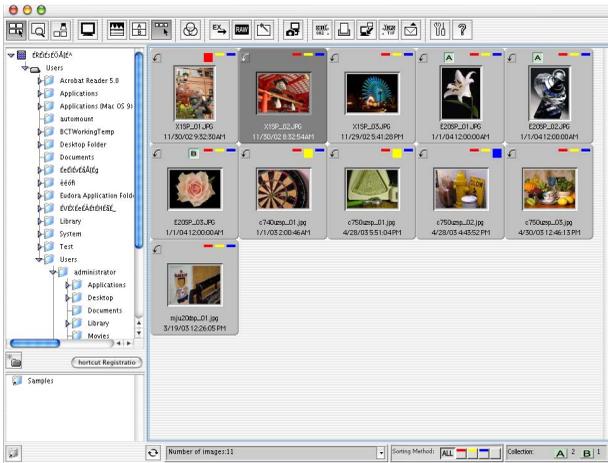
3   Select [Cut] from the [Edit] menu.

4   Select the destination folder in the folder tree.

5   Select [Paste] from the [Edit] menu.

The selected file is moved to the designated folder.

?	• Files can also be moved by selecting the file that you want to move and then dragging and dropping that file to the destination folder. To move files between drives, drag and drop the files while pressing the [Command] key in Macintosh or the [Shift] key in Windows.
Tips	

Browse Window

91

Converting the file format

The file format of a selected file can be converted and the file can then be saved as a separate file to a designated folder. The file with the original file format remains in the original folder.
A file can be converted to any of the following formats.

- Exif-JPEG
- JPEG
- Exif-TIFF
- TIFF [8bit/ch]
- TIFF [16bit/ch]
- PICT (only in Macintosh)
- Bitmap (only in Windows)

1 **Select the file in the thumbnail display area with the file format you want to change.**
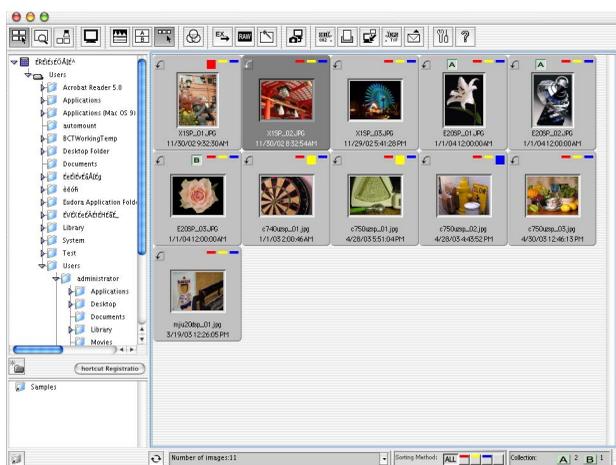
2 Select [Convert Format] from the [Tools] menu.

The [Convert Format] dialog box appears.

[Convert Format] dialog box

Item	Description
Save in folder	Select where you want to save the converted file.
[New Folder]	Click this to create a new folder in which to save the converted file. A new subfolder is created in the selected drive or folder on the folder tree.
[Browse Shortcut]	Click this to display a list of registered shortcuts. When a shortcut is selected from the list, the selected position on the folder tree jumps to the destination of the shortcut link. ☞ "Creating a folder shortcut" P.95
Folder Tree	Select the destination folder.
Destination File Name	Specifies a name for the converted file. Select [Original File Name] or [Optional File Name]. • Original File Name: Select this to give the converted file the same name as the original file. • Optional File Name: Select this to give the converted file a new name. Enter [Prefix] and specify [Number of digits of serial number].
Format	A file can be converted to any of the following formats: [Exif-JPEG], [JPEG], [Exif-TIFF], [TIFF [8bit/ch]], [TIFF [16bit/ch]], [PICT] (only in Macintosh), or [Bitmap] (only in Windows).
Compression ratio	When selecting [Exif-JPEG] or [JPEG] as the file format, you can select [High Quality], [Standard Quality], or [Low Quality] for the compression rate.

Browse Window

[Cancel]	Cancels the format conversion.
[Convert]	The file format is converted using the configured conditions.

3 Configure each item.

4 Click the [Convert] button.

The format of the selected file is converted.

Note

• RAW data cannot be converted to a different file format with the [Convert Format] function. To convert RAW data, use the [RAW Development] function.
☞ "RAW Development" P.74

Creating a folder shortcut

You can create a shortcut to a folder displayed in the folder tree. You can create a shortcut for a frequently used folder so you do not have to search for the folder from the folder tree area.

Shortcuts are displayed in the shortcut area at the bottom of the folder tree area in Browse Mode. You can use the [Shortcut] button at the lower left of the window to show or hide the shortcut area.

Double-click a registered shortcut to jump to that folder in the folder tree. You can drag and drop an image in the thumbnail display area to a shortcut to move or copy that image.

Shortcut button

Shortcut area
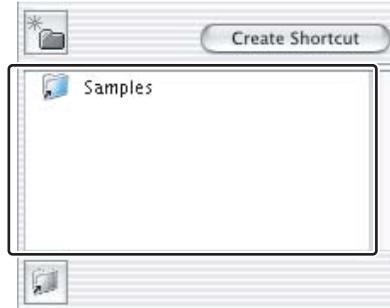
1   **Set the display mode to Browse Mode.**

☞ "Selecting the display mode" P.36

2   **Select [Display Shortcut Area] from the [View] menu or click the [Shortcut] button.**

The shortcut area appears.

Shortcut area
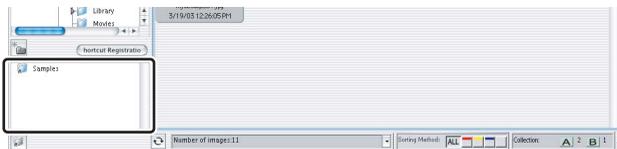
3   **Select a folder from the folder tree to which you want to register a shortcut.**

4 **Click the [Create Shortcut] button.**

You can also drag and drop the selected folder to the shortcut area to register a shortcut.

● **Deleting a shortcut from the shortcut area**

1 **Select a shortcut in the shortcut area that you want to delete.**

2 **Press the [Delete] key or select [Delete] from the [File] menu.**

The selected shortcut is deleted from the shortcut area.

● **Renaming a shortcut**

1 **Select a shortcut in the shortcut area that you want to rename.**

2 **Select [Rename] from the [File] menu and enter the new name.**

Tips

- In Windows, you can select a shortcut and press the [F2] key to change the name.

Finding an image

You can search for an image file using specified conditions. The search results are displayed in the thumbnail display area. You can search for an image in Browse Mode, View Mode, or Light Box Mode.

1 Select [Find] from the [File] menu.

The [Find] dialog box appears.

[Find] dialog box

Item	Description
Search Conditions	You can set the search conditions using one or more of the following items: File Name, Shooting Date, Comments, or Sort. Check the checkbox of the item you want to set. • File name: Enter part of the name or the entire name of the file you want to find. • Shooting date: Select the period of the shooting date for the file you want to find. You can enter a date or select a date displayed in the pull-down list. • Comments: Enter part of comments or the entire comments for the file you want to find. • Sort: Select the sorting checkmark (Red, Yellow, Blue or None) for the file you want to find.
Look in	Displays the path name of the drive or folder to be searched.
[Browse]	Select this to specify the drive or folder to be searched. When this is selected, the [Select Folder] dialog box appears.
[Cancel]	Cancels the search.
[Find]	The image file is searched for using the specified conditions.

2 Set the search conditions.

Check the search conditions items you want to set and then specify the search conditions for each item.

3 Specify the search location.

Click the [Browse] button to specify the drive or folder to be searched. The subfolders are also searched. In Windows, select [My Computer] to search all drives on the computer.

The path name of the drive or folder specified in [Look in] is displayed.

4 Click the [Find] button.

The search for the image file begins. When the search is complete, the [Find] dialog box automatically closes and the search results are displayed in the thumbnail display area.

? *Tips*	• A temporary folder [Search Results] is selected when the search results are displayed. To return from the search results window to the normal browse window, select a different folder.

Deleting an image

Unneeded images can be deleted.

1 **Select a file in the thumbnail display area that you want to delete.**

2 **Select [Delete] from the [File] menu or press the [Delete] key while pressing the [Command] key.**

In Windows, press the [Delete] key.

A delete confirmation dialog box appears.

3 **Click the [Yes] button.**

The selected image file is deleted.

Note

• When deleting files with OLYMPUS Viewer, the files are not moved to the Trash or Recycle Bin as in the Macintosh or Windows OS, but they are instead completely deleted. Once deleted, the files cannot be recovered. In the confirmation message displayed in the dialog box, you can confirm whether the files to be deleted are to be moved to the Trash or Recycle Bin.

Browse Window

Printing an image

Images selected in the browse window can be printed.
You can select photo printing, index printing, or contact sheet printing to print an image.
You can print an image in Browse Mode, View Mode, or Light Box Mode.

Printing types

● **Photo printing** ☞ **P.106**

The image is printed in the center of the paper.

● **Index printing** ☞ **P.110**

Prints several specified images. The file name and shooting date can also be printed.

● **Contact sheet printing** **P.114**
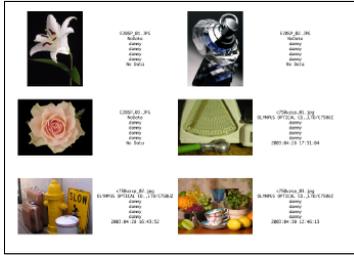
Prints several specified images. Specified details for each image can be printed. For details on the information that can be configured for printed items during contact sheet printing, refer to "Contact sheet printing". P.114
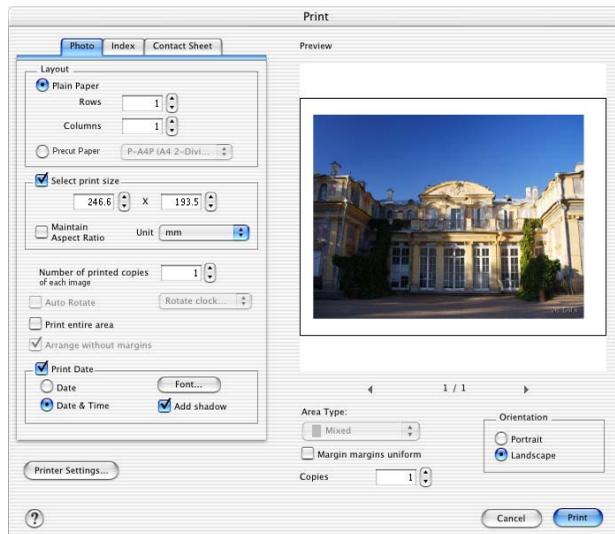
Browse Window

101

[Print] dialog box

Select an image in the browse window that you want to print, and then select [Print] from the [File] menu. The [Print] dialog box appears. The printing type and settings can be configured in the [Print] dialog box.

[Print] dialog box

Item	Description	Ref. Page
[Photo] tab	Select this for photo printing.	P.106
[Index] tab	Select this for index printing.	P.110
[Contact Sheet] tab	Select this for contact sheet printing.	P.114
[Printer Settings]	The [Print Setup] or [Page Setup] dialog box appears.	P.104
Preview Area	A preview of the image to be printed appears. When selecting several image files to print, the left/right arrow buttons can be used to change the preview page. The number of the currently displayed page and the total number of pages is displayed between the left/right arrow buttons. You can drag and drop images in the preview area to change the order.	—

Area Type	Select the type of image area to be printed on paper. • Landscape priority: Prints the image in an area with a rectangular 4:3 horizontal ratio. This is useful when printing images with a landscape orientation. • Portrait priority: Prints the image in an area with a rectangular 3:4 vertical ratio. This is useful when printing images with a portrait orientation. • Mixed: Prints the image in an area with a square 1:1 ratio. This is useful when printing images with both a landscape and portrait orientation.	—
Make margins uniform	If checked, the image is printed in the middle of the paper with uniform margins. If unchecked, the image is printed using the printer margin settings.	—
Copies	Select the number of copies to be printed.	—
Orientation	Select [Portrait] or [Landscape] for the paper orientation.	—
[Cancel]	Cancels the image printing.	—
[Print]	The image is printed using the configured conditions.	—

Printer settings

Before printing an image, confirm the printer settings and adjust the settings as needed.
For details on advanced printer settings, refer to the operation manual provided with your printer.

● Macintosh

1 **Select an image in the browse window that you want to print, and then select [Print] from the [File] menu, or click the [Print] icon on the toolbar.**

The [Print] dialog box appears. ☞ "[Print] dialog box" P.102

2 **Click the [Printer Settings] button.**

The [Page Setup] dialog box appears.

[Page Setup] dialog box
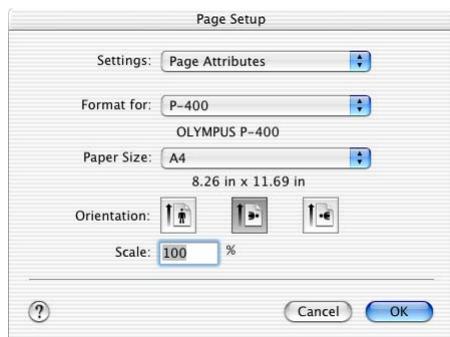
3 **Select the printer.**

Adjust the settings in the [Page Setup] dialog box as needed.

4 **Click the [OK] button.**

The configured information is registered and the [Page Setup] dialog box is closed.

● Windows

1 **Select an image in the browse window that you want to print, and then select [Print] from the [File] menu, or click the [Print] icon on the toolbar.**

The [Print] dialog box appears. ☞ "[Print] dialog box" P.102

2 **Click the [Printer Settings] button.**

The [Print Setup] dialog box appears.

[Print Setup] dialog box
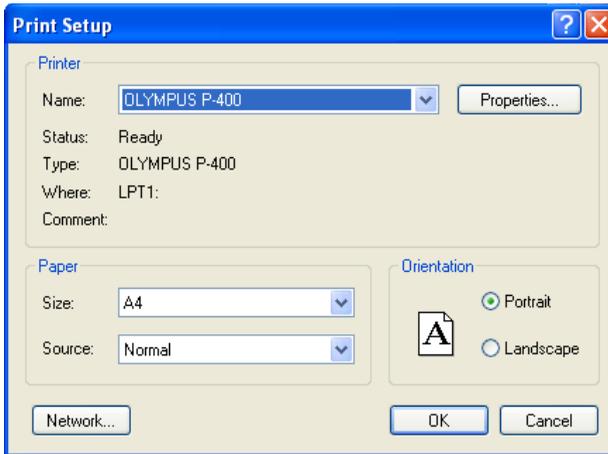
3 **Select [Name].**

Click the [Properties] button to make advanced settings for the selected printer as needed.

4 **Select the paper size.**

5 **Select the printing orientation.**

6 **Click the [OK] button.**

The configured information is registered and the [Print Setup] dialog box closes.

Photo printing

1 Select an image in the browse window that you want to print, and then select [Print] from the [File] menu, or click the [Print] icon on the toolbar.

The [Print] dialog box appears. ☞ "[Print] dialog box" P.102

2 Select the [Photo] tab.

[Photo] tab page in the [Print] dialog box

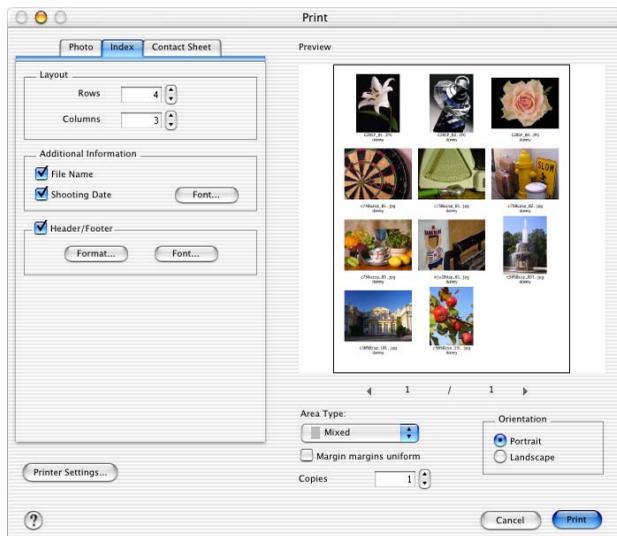| Item	Description

Layout	Select the type of paper and configure the layout.
	• Plain Paper:
	  Select the print layout by specifying the number of rows and columns (1-4).
	• Pre-cut Paper:
	  Select the pre-cut paper layout ([P-A4P (A4 2-Division)] or [P-A4L (A4 4-Division)]) for Olympus printers.

Select print size	Check this box and enter the size to change the size of the printed image.
Maintain Aspect Ratio	Check this box to change the size of the image while maintaining the aspect ratio.
Unit	Select [mm] or [inches].

Number of printed copies of each image	Specify the number of printed copies.
Auto Rotate	Check this box to rotate the image according to the [Area Type] setting. When this setting is set to [Landscape priority], vertical images are rotated and printed horizontally. When this setting is set to [Portrait priority], horizontal images are rotated and printed vertically. Select [Rotate clockwise] (clockwise 90 degrees) or [Rotate counterclockwise] (counterclockwise 90 degrees). If [Area Type] is set to [Mixed], this option is grayed out and cannot be selected.
Print entire area	If this box is unchecked, the entire image is printed. Check this box to crop the image so as to fit the printing area.
Arrange without margins	Check this box to print the image in the entire printable area without using the aspect ratio of the print area.
Print Date	Check this box to print the image with the shooting date at the bottom right of the image. Select [Date] or [Date & Time].
[Font]	The [Font] dialog box appears. Select the font name, style, size, and color of the printed shooting date.
Add shadow	Check this box to add a shadow effect to the printed shooting date.

3 **Configure the photo printing items.**

Adjust the settings as needed.

Configuring [Layout]

Select [Plain Paper] or [Pre-cut Paper] for the printing paper type.

If [Plain Paper] is selected, set the printing layout by specifying the rows and columns.

If [Pre-cut Paper] is selected, select [P-A4P (A4 2-Division)] or [P-A4L (A4 4-Division)] for the paper size.

Configuring [Select print size]

Check this box to change the size of the printed image. Select [Portrait] or [Landscape] and the measurement unit. Select [mm] or [inches] for [Unit]. To fix the image aspect ratio, check [Maintain Aspect Ratio].

Configuring [Number of printed copies of each image]

Select the number of printed copies.

Configuring [Auto Rotate]

To rotate the image, check this box and select [Rotate clockwise] or [Rotate counterclockwise] for the rotate direction.

Browse Window

Configuring [Print entire area]

Check this box to crop the image to fit the printing area.

Configuring [Arrange without margins]

Check this box to print in the entire printable area.

Configuring [Print Date]

To print the shooting date on the image, check this box and select [Date] or [Date & Time] for the printing format. To change the printed text, select the [Font] button and change the settings with the [Font] dialog box.

Configuring [Add shadow]

Check this box to add a shadow effect to the printed shooting date.

[Font] dialog box
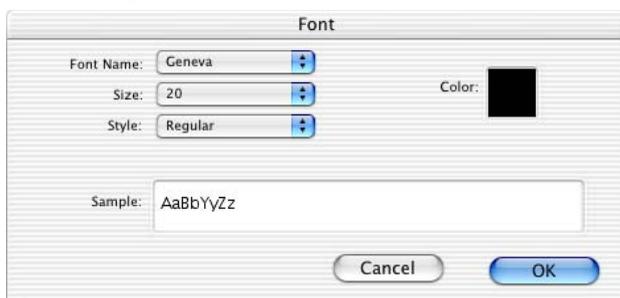
Item	Description
Font Name	Select the type of text font from the list.
Size	Select the text size.
Style	Select the text style from the list.
Color	Select the color of the text from the pull-down list.
Sample	Displays a sample of the text using the font settings.
[Cancel]	Cancels the font settings.
[OK]	Registers the set information.

4 Configure the [Area Type] setting.

Select [Landscape priority], [Portrait priority], or [Mixed] for the type of image area to be printed on paper.

5 Configure the [Make margins uniform] setting.
Check this box to set uniform top-bottom and left-right paper margins.

6 Configure the [Copies] setting.
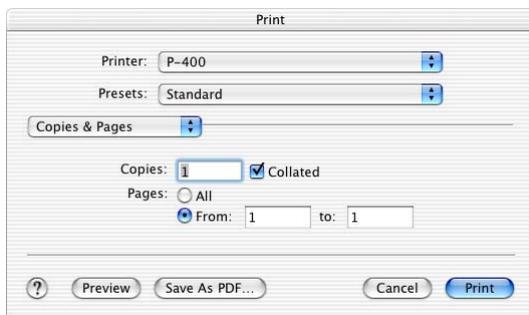Select the number of copies to be printed.

7 Configure the [Orientation] setting.
Select [Portrait] or [Landscape] for the paper orientation.

8 Click the [Print] button.
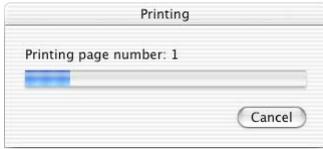For Macintosh, the [Print] dialog box appears.
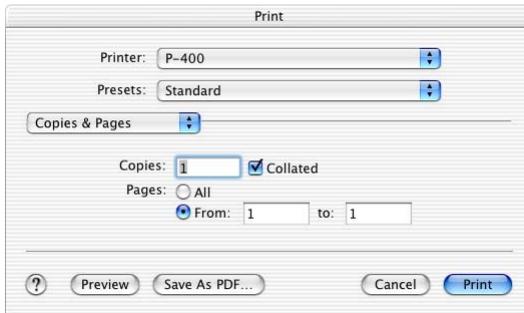
[Print] dialog box

In Windows, the photo is printed.

9 For Macintosh, click the [Print] button.
The photo is printed.
A dialog box indicating the status is displayed as the image is printed.

Dialog box indicating the status
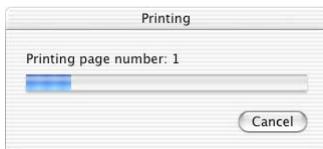
To cancel printing, click the [Cancel] button.

Browse Window

Index printing

1 **Select an image in the browse window that you want to print, and then select [Print] from the [File] menu, or click the [Print] icon on the toolbar.**

The [Print] dialog box appears. ☞ "[Print] dialog box" P.102

2 **Select the [Index] tab.**

[Index] tab page in the [Print] dialog box

Item	Description
Layout	Select the print layout by specifying the number of rows and columns (1-12).
Additional Information	Select [File Name] and/or [Shooting Date] to print these items.
[Font]	The [Font] dialog box appears. Select the font name, style, size, and color of the text to be printed as additional information.
Header/Footer	Check this box to print the image with header or footer information.
[Format]	The [Header/Footer] dialog box appears.
[Font]	The [Font] dialog box appears. Select the font name, style, size, and color of the text to be printed as the header or footer.

3 Configure the index printing items.

Adjust the settings as needed.

Configuring the [Layout] setting

Select the print layout for a single page by specifying the rows and columns.

Configuring the [Additional Information] setting

Select [File Name] and/or [Shooting Date] to print these items. Both items can be selected. To change the printed text font, click the [Font] button and change the settings with the [Font] dialog box. ☞ P.108

Configuring the [Header/Footer] setting

Check this box to print the image with header or footer information. To edit the header or footer, click the [Format] button and edit the information in the [Header/Footer] dialog box.

[Header/Footer] dialog box
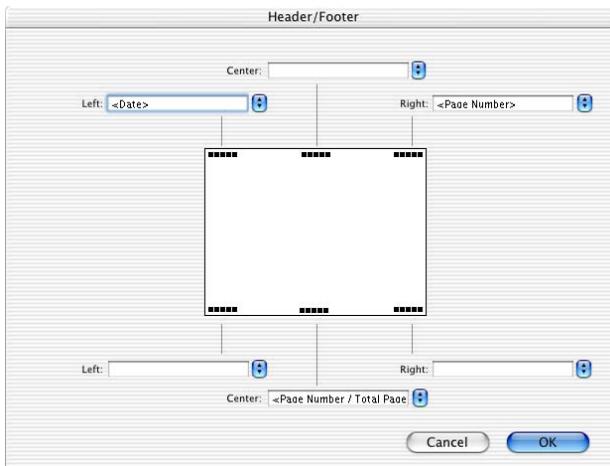
Item	Description
Left/Center/Right (header) Left/Center/Right (footer)	Select the items to be printed at the different positions in the printing area. You can select [Date], [Page Number], or [Page Number / Total Pages]. You can also enter text.
[Cancel]	Cancels the [Header/Footer] setting.
[OK]	Registers the set information.

4 Configure the [Area Type] setting.

Select [Landscape priority], [Portrait priority], or [Mixed] for the type of image area to be printed on paper.

5 Configure the [Make margins uniform] setting.

Check this box to set uniform top-bottom and left-right paper margins.

6 Configure the [Copies] setting.

Select the number of copies to be printed.

7 Configure the [Orientation] setting.

Select [Portrait] or [Landscape] for the paper orientation.

8 Click the [Print] button.

For Macintosh, the [Print] dialog box appears.

[Print] dialog box

In Windows, the index print is printed.

9 For Macintosh, click the [Print] button.

The index print is printed.

A dialog box indicating the status is displayed as the image is printed.

Dialog box indicating the status

```
                    Printing
Printing page number: 1

                            ( Cancel )
```

To cancel printing, click the [Cancel] button.

Note

• If there is a problem with the layout of the image to be printed, an error message appears when the [Print] button is clicked.

Browse Window

113

Contact sheet printing

1 Select an image in the browse window that you want to print, and then select [Print] from the [File] menu, or click the [Print] icon on the toolbar.

The [Print] dialog box appears. ☞ "[Print] dialog box" P.102

2 Select the [Contact Sheet] tab.

[Contact Sheet] tab page in the [Print] dialog box

Item	Description
Layout	Select the print layout by specifying the number of rows and columns (1-12).
Additional Information	Select from the following items to print. File Name, Model Name, Camera ID, Lens Information, Focal Length, Shutter, F.No., Exposure Compensation, Flash, White balance, Saturation, Contrast, Sharpness, Color Space, Shooting Mode, Metering Mode, ISO, Focus Mode, Macro, Drive, Data Format, Image Size, Shooting Date & Time, Shooting Date, and Comments.
Print Position	Select [Right of image] or [Below image] for the position to print [Additional Information].
[Font]	The [Font] dialog box appears. Select the font name, style, size, and color of the text to be printed as additional information.

Header/Footer	Check this box to print the image with header or footer information.
[Format]	The [Header/Footer] dialog box appears.
[Font]	The [Font] dialog box appears. Select the font name, style, size, and color of the text to be printed as the header or footer.

3 Configure the contact sheet printing items.

Adjust the settings as needed.

Configuring the [Layout] setting

Select the print layout for a single page by specifying the rows and columns.

Configuring the [Additional Information] setting

Select the items to be printed. To change the printed text font, click the [Font] button and change the settings with the [Font] dialog box. ☞ P.108

Select [Right of image] or [Below image] for the position to print additional information.

Configuring the [Header/Footer] setting

Check this box to print the image with header or footer information. To edit the header or footer, click the [Format] button and edit the information in the [Header/Footer] dialog box. ☞ P.111

4 Configure the [Area Type] setting.

Select [Landscape priority], [Portrait priority], or [Mixed] for the type of image area to be printed on paper.

5 Configure the [Make margins uniform] setting.

Check this box to set uniform top-bottom and left-right paper margins.

6 Configure the [Copies] setting.

Select the number of copies to be printed.

7 Configure the [Orientation] setting.

Select [Portrait] or [Landscape] for the paper orientation.

Browse Window

8 Click the [Print] button.

For Macintosh, the [Print] dialog box appears.
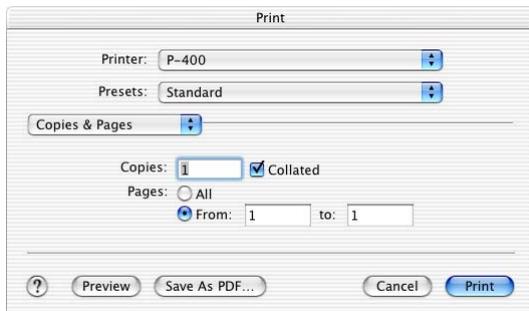
[Print] dialog box

In Windows, the contact sheet is printed.

9 For Macintosh, click the [Print] button.

The contact sheet is printed.

A dialog box indicating the status is displayed as the image is printed.

Dialog box indicating the status
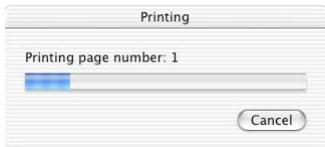
To cancel printing, click the [Cancel] button.

⚠️ *Note*	• If there is a problem with the layout of the image to be printed, an error message appears when the [Print] button is clicked.

Sending an image by E-mail

You can select an image in the browse window and attach it to outgoing e-mail.
The e-mail application used to send images is already set up in your computer.

Note • Before sending an image by e-mail, be sure that the specified e-mail application is ready to send e-mail.

Setting up the e-mail application in your computer

● Macintosh (Mac OS 9)

1 Select [Control Panels > Internet > E-mail] from the Apple menu.

The [Internet] dialog box appears.

[E-mail] tab page in [Internet] dialog box
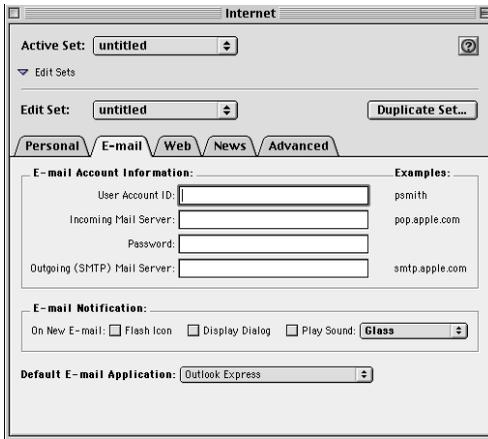
2   **Select the e-mail application in [Default E-mail Application].**

3   **Close the [Internet] dialog box.**

A dialog box appears, prompting you to confirm the changes to the settings. Click the [Save] button to apply the e-mail application settings.

● Macintosh (Mac OS X)

1   **Select [System Preferences > Internet > Email] from the Apple menu.**

The [Internet] dialog box appears.

[Email] tab page in [Internet] dialog box

2   **Select the e-mail application in [Default Email Reader].**

3   **Close the [Internet] dialog box.**

The e-mail application setting is applied.

● Windows

1 **From the [Start] menu on the taskbar, select [Settings > Control Panel > Internet Options > Programs].**

The [Internet Properties] dialog box appears.

[Programs] tab page in [Internet Properties] dialog box
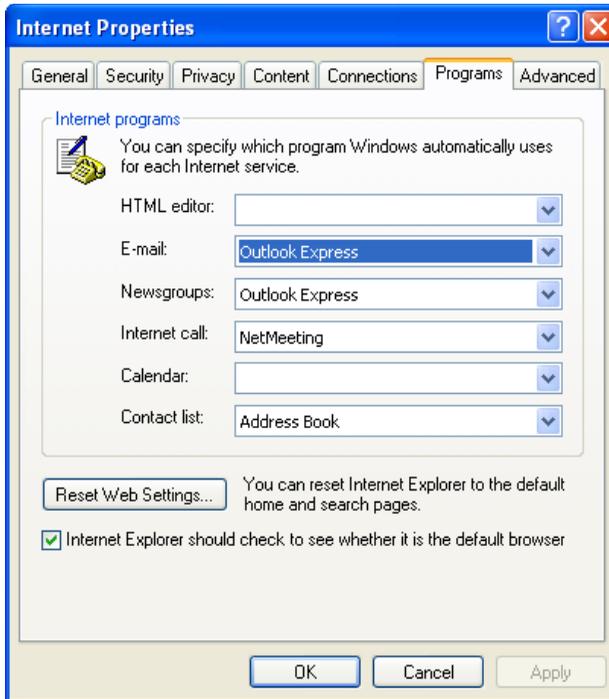
2 **Select the e-mail application from the [E-mail] pull-down list.**

3 **Click the [OK] button.**

The e-mail application setting is applied and the [Internet Properties] dialog box closes.

Browse Window

119

Attaching an image to outgoing e-mail

1 **In the browse window, select an image you want to attach to e-mail.**

2 **Select [Send E-mail] from the [Tools] menu or click the [Send E-mail] icon on the toolbar.**
The [Send E-mail] dialog box appears.

[Send E-mail] dialog box

Item	Description
Resize	To resize the image, set the following items as needed.
Reduce to specified size	Check this box and enter the size to reduce the size of the image.
Convert to JPEG	Check this box to convert the image to JPEG format.
Compression ratio	When converting the file format of the attached image to JPEG or resizing a JPEG image, you can select [High Quality], [Standard Quality], or [Low Quality] for the file compression rate.
E-mail Application Used	Displays the currently selected e-mail application.
[Cancel]	Cancels attachment of the image and closes the [Send E-mail] dialog box.
[OK]	The image is attached to an outgoing e-mail using the specified conditions.

3 Configure the [Resize] setting to resize the image to be attached to e-mail.

Select [Reduce to specified size], [Convert to JPEG], or [Compression ratio] as needed.

4 Click the [OK] button.

The e-mail application is automatically launched and the outgoing e-mail window appears. The image is attached to the outgoing e-mail.

Tips

- For instructions on how to send e-mail, refer to the operation manual supplied with your e-mail application.
- OLYMPUS Viewer supports the following e-mail applications.
  Macintosh (Mac OS 9) : Outlook Express, Eudora
  Macintosh (Mac OS X) : Mail, Outlook Express, Eudora
  Windows : Outlook Express, Outlook, Eudora

Note

- When [Convert to JPEG] is checked, a temporary JPEG image is created for attachment to the outgoing e-mail. The original image format is not converted.
- The [E-mail Application Used] setting cannot be changed in the [Send E-mail] dialog box. For instructions on how to change the [E-mail Application Used] setting, refer to "Setting up the e-mail application in your computer".
  ☞ P.117

Browse Window

Update Firmware

You can update the firmware for the Olympus E-System body, lens, and flash (if applicable) using an internet access connection.

> **For details on camera mode operations and connecting the camera to the computer or removing the camera from the computer, refer to "Starting OLYMPUS Viewer" P.10.**

Use a fully charged battery or the optional AC adapter as the camera's power source.

1 **Turn on the camera and set [PC MODE] of the camera to [STORAGE].**

For the Olympus E-1, set the [PC MODE] to [CONTROL].

2 **Connect the camera to the computer with a USB or IEEE1394 (FireWire) cable.**

3 **Select [Update Firmware] from the [Help] menu in the browse window.**

A confirmation message is displayed.

4 **Confirm the confirmation message and click the [Yes] button.**

The [Update Firmware] dialog box is displayed and the current version of the connected device is shown in the [Selecting device] list.

[Update Firmware] dialog box - before checking the latest version
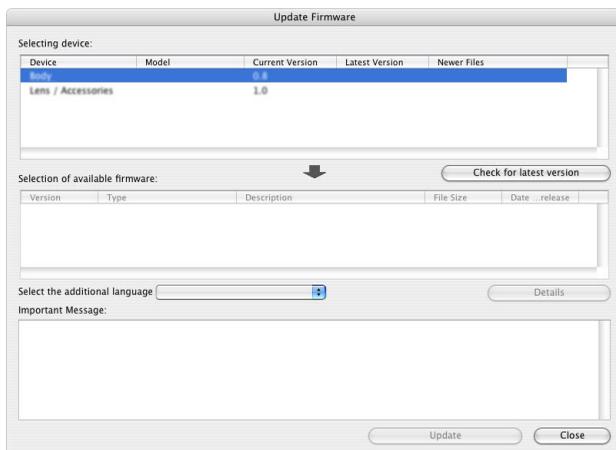
Note

- Devices not compatible with firmware update will not be displayed on the [Selecting device] list. (You may be able to update if the firmware of the body is updated.)
- When multiple lens accessories (teleconverter, etc.) are attached, lens and accessories may not be displayed on the [Selecting device] list.
- The [Select the additional language] pull-down list is not displayed on some camera models.

5 Click the [Check for latest version] button.

The server is accessed and the latest version of each device is displayed in the [Selecting device] list.

Devices with later versions available are displayed with the [⬆] icon on the left.

[Update Firmware] dialog box - after checking the latest version

Tips

- To add a display language, select it from the [Select the additional language] pull-down list.

6 Select the device to update from the [Selecting device] list.

The [Selection of available firmware] list varies according to the device selected.

7 Select the applicable firmware from the [Selection of available firmware] list.

When the [Details] button is clicked, the web browser starts and the details page for the selected firmware is displayed.

> **?**
> *Tips*
>
> • When [Display all available versions] is checked, other applicable versions of firmware on the server are also displayed. These are displayed with an exclamation mark on the left. (Please note that these versions may alter the camera's current feature set or available languages.)

8 Click the [Update] button.

After the confirmation message and [Software License Agreement] dialog box are displayed, the firmware is downloaded and transferred to the camera.

9 After "The firmware has been transferred successfully" is displayed, follow the on-screen instructions and unplug the USB/IEEE1394 (FireWire) connection cable from the camera.

Once disconnected, the firmware update will begin automatically.

[Update Firmware] dialog box - updating
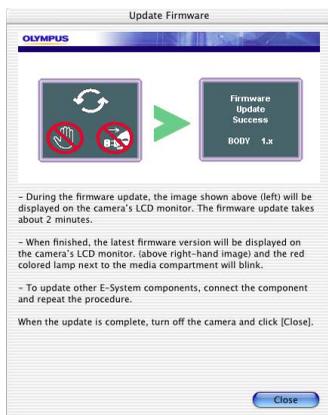
Do not interrupt the camera's power source, or press any buttons during the update!

When the update is complete, the new firmware version is displayed on the camera's monitor.

10 Upon completion of the update, follow the on-screen instructions to turn off the camera and click the [Close] button.

Note

- To update E-300 firmware on a Macintosh, Mac OS X or later is required. Mac OS 9 is not supported.

OLYMPUS Viewer Preferences

This section describes how to set the operating environment used in OLYMPUS Viewer.

Making OLYMPUS Viewer preferences

1 **Select [Preferences] from the [Tools] menu in the browse window, or click [Preferences] on the toolbar in the browse window.**

The [Preferences] dialog box appears.

[Preferences] dialog box
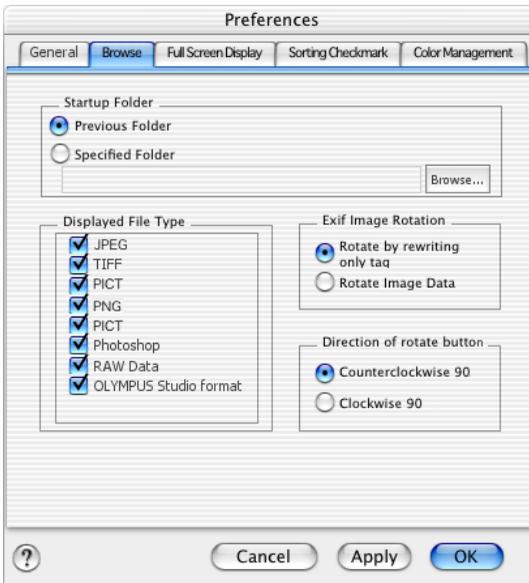
Item	Description	Ref. Page
[General] tab	Select this to set OLYMPUS Viewer auto startup and the registered application.	P.128
[Browse] tab	Select this to make settings for browse window operations.	P.130
[Full Screen Display] tab	Select this tab to make settings for full screen display or slide shows in the browse window.	P.132
[Sorting Checkmark] tab	Select this tab to change sorting checkmark colors or shapes, or to make settings for data file deletion.	P.135
[Color Management] tab	Select this tab to make settings for color management.	P.138

[Cancel]	Cancels the preferences.	—
[Apply]	Applies the settings.	—
[OK]	Applies the settings, and closes the [Preferences] dialog box.	—

2 Click the desired tab, and make the desired settings.

☞ "Setting the [General] tab" P.128

"Setting the [Browse] tab" P.130

"Setting the [Full Screen Display] tab" P.132

"Setting the [Sorting Checkmark] tab" P.135

"Setting the [Color Management] tab" P.138

3 Click the [OK] button.

The [Preferences] dialog box closes.

OLYMPUS Viewer Preferences

Setting the [General] tab

Select the [General] tab to set OLYMPUS Viewer auto startup and select the registered application.

1 Select the [General] tab in the [Preferences] dialog box.

The [General] tab page appears.

[General] tab page in the [Preferences] dialog box

Item	Description
Auto Start	Sets whether to start OLYMPUS Viewer automatically when the camera is connected to the computer, or when a memory storage media is inserted into the computer. Select [Off], [When connected to camera], or [When connected to camera and using DCF media].
	• Off: Auto Start is disabled.
	• When connected to camera: OLYMPUS Viewer starts automatically when an Olympus camera is connected to the computer.
	• When connected to camera and using DCF media: OLYMPUS Viewer starts automatically when an Olympus camera is connected to the computer or a DCF (Design rule for Camera File System)-compliant storage media is inserted in the computer.

Select registered application	Sets which application will start when [Launch registered application] is selected from the [Edit] menu in the browse window. You can select [Photoshop] or [Others]. • [Photoshop]: All installed versions of Photoshop are automatically detected. If Photoshop has not been installed, this item is grayed out. If multiple different versions of Photoshop have been installed, they are displayed on a pull-down list. Select the desired version. • [Others]: Click the [Browse] button, and specify the application to use.

2 Configure each item.

Setting auto start

Select [When connected to camera] or [When connected to camera and using DCF media].

☞ "Connecting the camera and computer" P.10

☞ "Automatically starting OLYMPUS Viewer" P.16

Selecting the application for editing images

Select [Photoshop] or [Others] for [Select registered application]. If you select [Others], click the [Browse] button and select the desired application execution file (*.exe).

Note

• In Windows XP, when a camera in Storage Mode is connected to the computer or a storage media is inserted in the computer, the [Auto Play] dialog box appears regardless of the [Auto Start] setting.

• In Windows XP, [When connected to camera and using DCF media] is grayed out and cannot be selected.

Tips

• When the [Select registered application] setting is changed, the application that is started changes in the following cases.
  • When [Launch registered application] is selected from the [Edit] menu in the browse window.
  • When the [Launch registered application] icon on the toolbar in the browse window is clicked.

OLYMPUS Viewer Preferences

Setting the [Browse] tab

Select the [Browse] tab to make browse window environment settings. You can set the folder first displayed when the browse window starts, the type of file to display in the thumbnail display area, Exif image settings, the rotate button direction, and other items.

1 Select the [Browse] tab in the [Preferences] dialog box.

The [Browse] tab page appears.

[Browse] tab page in the [Preferences] dialog box

Item	Description
Startup Folder	Sets the folder first displayed in the thumbnail display area when the browse window is opened. Select [Previous Folder] or [Specified Folder]. • [Previous Folder]: Displays the folder last displayed in the browse window. • [Specified Folder]: Click the [Browse] button to specify a folder.
Displayed File Type	Select the type of file to display in the thumbnail display area, from among the following choices: JPEG, TIFF, PICT (only in Macintosh), Bitmap (only in Windows), PNG, Photoshop, RAW Data, OLYMPUS Studio format

Exif Image Rotation	Sets the operation for when an Exif image is rotated in the thumbnail display area. To change only the tag data without rotating the image data, select [Rotate by rewriting only tag]. To rotate the actual image data, select [Rotate Image Data].
Direction of rotate button	Select the rotation direction for the [Rotate] button in the thumbnail border, as either [Counterclockwise 90°] or [Clockwise 90°].

2 Configure each item.

Setting the folder displayed in the thumbnail display area at startup

Select [Previous Folder] or [Specified Folder] for [Startup Folder]. If you select [Specified Folder], click the [Browse] button and select the folder to display from the folder tree.

Setting the type of file displayed in the thumbnail display area

Check the file type to display for [Displayed File Type].

Setting the Exif image rotation method

Select [Rotate by rewriting only tag] or [Rotate Image Data] for [Exif Image Rotation].

If [Rotate Image Data] is selected when rotating a JPEG image, a lossless rotation is performed. ☞ "Rotating images" P.46

Setting the rotation direction of the [Rotate] button in the thumbnail border

Select [Counterclockwise 90°] or [Clockwise 90°] for [Direction of rotate button].

?
Tips
• You can temporarily reverse the image rotation direction by clicking the [Rotate] button while pressing the [Shift] key.

OLYMPUS Viewer Preferences

131

Setting the [Full Screen Display] tab

Select the [Full Screen Display] tab to set the full screen display margin color, to set whether to perform automatic rotation during full screen display, and to make slide show settings and multi monitor settings.

1 Select the [Full Screen Display] tab in the [Preferences] dialog box.

The [Full Screen Display] tab page appears.

[Full Screen Display] tab page in the [Preferences] dialog box

Item	Description
Margin	Sets the margin color during full screen display. Select [Black], [Gray] or [White].
Display with margins remaining	When this item is checked, margins are left at the edges of the screen during full screen display of images.
Auto Rotate Display	• Rotate to correspond to direction of monitor: When this item is checked, the image is automatically rotated to match the monitor's orientation during the full-screen display. • Rotation Direction: Select the direction for automatic image rotation to either [Rotate clockwise] or [Rotate counterclockwise].

Slide Show	• Interval during Auto Play: Sets the number of seconds each image is displayed for. • Loop Playback: When this item is checked, the slide show returns to the first image after the last image has been displayed.
Multi Monitor	• Display in separate specified monitor: If this item is checked, the image appears in the full screen display on another specified monitor when any of the following operations is performed: • When a thumbnail is double-clicked in the browse window in Browse Mode • When an image is double-clicked in the image comparison area in the browse window in Light Box Mode • When a slide show is executed in the browse window • Monitor Number: Sets the number of the monitor to use for full screen display when the multi monitor environment is set.

2 Configure each item.

Setting the margin color for the full screen display

Select [Black], [Gray] or [White] for [Margin]. If you want to always leave margins at the screen edges, check [Display with margins remaining].

Having vertical images enlarged when displayed horizontally

Check [Rotate to correspond to direction of monitor] for [Auto Rotate Display], and select [Rotate clockwise] or [Rotate counterclockwise] as the rotation direction.

Setting the slide show playback interval or loop playback

Set the desired number of seconds in [Interval during Auto Play] for [Slide Show]. To set loop playback for slide shows, check [Loop Playback].

Setting the Multi Monitor environment

To display an image at full screen on a monitor separate from the monitor currently running OLYMPUS Viewer, check [Display in separate specified monitor] and specify the number of the monitor in [Monitor Number]. Specify the monitor number according to the OS setting.

OLYMPUS Viewer Preferences

Setting the [Full Screen Display] tab

Note
- To set the [Multi Monitor] item, the Macintosh or Windows OS must detect at least 2 connected monitors. If only 1 monitor is detected, [Multi Monitor] is grayed out and cannot be set.

Tips
- If the [Margin] setting is changed, the following settings are also changed:
    Margins for single image view area in View Mode
    Margins used when slide shows are executed
- To remove the full screen display on a monitor specified in the Multi Monitor settings, follow these steps.
    Press the [Esc] key.
    Double-click the full screen display.

Setting the [Sorting Checkmark] tab

Select the [Sorting Checkmark] tab to set the color, shape and text character used for sorting checkmarks. You can also use this tab page to delete data files with stored sorting checkmarks and all unneeded sorting checkmarks.

1 **Select the [Sorting Checkmark] tab in the [Preferences] dialog box.**

The [Sorting Checkmark] tab page appears.

[Sorting Checkmark] tab page in the [Preferences] dialog box

Item	Description

Customize	Select [Color], [Illustration] or [Text] for sorting checkmark designs, and make detailed settings for each.
	• Color:
	  Select a color from the pull-down list. Clicking [Browse] in the pull-down list displays the dialog box for color selection, letting you specify the desired color.
	• Illustration:
	  Select an illustration from the pull-down list. Clicking [Browse] in the pull-down list displays the [Open File] dialog box, letting you specify a previously created image file.
	• Text:
	  Enter a single text character to display as a sorting checkmark.
	• [Font]:
	  When [Text] is selected, you can set the font to display. Select the font from the pull-down list.

Delete Data Files	Deletes data files storing sorting checkmarks.
	• Select Folder:
	  Specify the folder containing the data files you want to delete from the folder tree.
	• Delete only data prior to a specified date:
	  When this item is checked, only the data files created before the date specified from the pull-down list are deleted.
	• [Delete]:
	  Deletes the specified data files.

2 Configure each item.

Customizing the sorting checkmarks

Select [Color], [Illustration] or [Text] for [Customize]. There are 3 checkmarks, so select 3 colors, illustrations or characters.

Tips

• You can only specify font names in the [Font] pull-down list. You cannot specify font styles (such as bold or italic) or sizes.

Creating an illustration to use as a sorting checkmark

If there is an illustration you want to use as a sorting checkmark, create an image file meeting the following conditions:

• Image format: TIFF, PICT (only in Macintosh) or Bitmap (only in Windows)
• Number of colors: 2 (black and white)
• Image size: 11 × 11 pixels

Image files not meeting these conditions cannot be used as sorting checkmarks. If an image file not meeting these conditions is selected for [Illustration], an error message appears.

Deleting data files storing sorting checkmarks

Select the folder containing the data files you want to delete from [Select Folder] of [Delete Data File] and click the [Delete] button. To delete data files created prior to a specified date, check [Delete only data prior to a specified date] and then specify the date in the pull-down list.

Note

• If there is a subfolder in the folder specified in [Select Folder], the data files in the sub folder will also be deleted.
• Please note that when deleting a sorting checkmark data file with different application software, the sorting checkmark attached to the image disappears.

Tips

• A sorting checkmark data file is automatically created when a sorting checkmark is added to an image in the browse window. This data file is saved in the folder containing the image to which the checkmark is added.

OLYMPUS Viewer Preferences

Setting the [Color Management] tab

Select the [Color Management] tab to make color management settings.

The colors of the same image may look different on different monitors or printers. The system used to prevent this color inconsistency is called "color management". The color reproduction area that can be rendered by monitors, printers, and other input/output devices is defined using "color space". The color reproduction area varies depending on the input/output device; therefore, "profiles" are used to correct the differences in color. A profile is automatically embedded in an image when an image is saved, and the profiles used for the monitor display and printing of images are configured separately by the OS. The [Color Management] tab can be used to cancel the embedding of a profile when an image is saved and configured not to use the profiles set by the OS. After confirming the OS setting, you can change the settings in the [Color Management] tab as needed.

Confirming the OS profile settings

Follow the steps below to check how the profile used when displaying images on the monitor, and the profile used when printing images are set in the OS. Each setting corresponds to the [Monitor Profile] and [Printer Profile] items set in the [Color Management] tab.

● Checking the setting of the profile used when displaying images on the monitor

Mac OS 9

1 **Select [Control Panels > ColorSync] from the Apple menu.**

2 **Select the [Profiles] tab and check the [Display] setting for [Profiles for Standard Devices].**

[Profiles] tab page in the [ColorSync] dialog box (Mac OS 9)
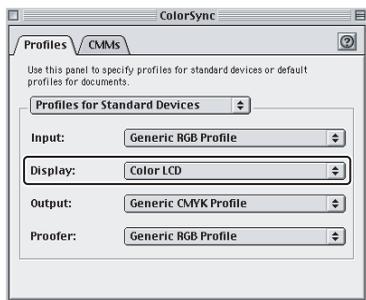
Mac OS X (10.1)

1 **Select [System Preferences] from the Apple menu and select [ColorSync].**

2 **Select the [Device Profiles] tab and check the [Display] setting.**

[Device Profiles] tab page in the [ColorSync] dialog box
(Mac OS X (10.1))
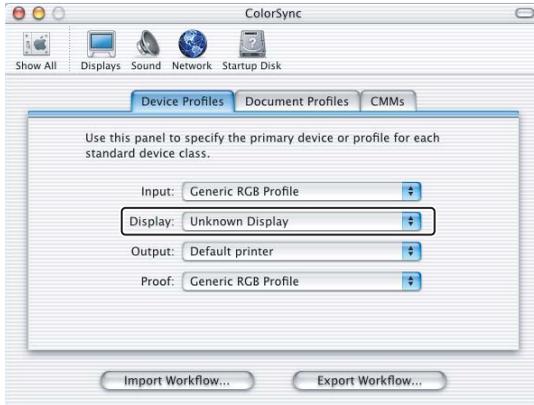
Mac OS X (10.2)

1 **Select [Applications > Utilities] from the Startup Disk and double-click [ColorSync Utility].**

2 **Select [Devices > Displays] and check the setting under [Current Profile].**

[Devices] in the [ColorSync Utility] dialog box (Mac OS X (10.2))

OLYMPUS Viewer Preferences
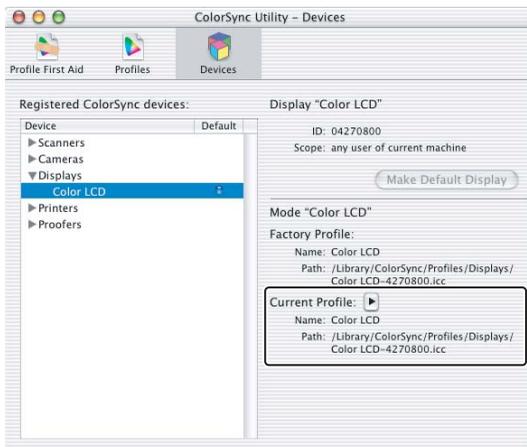
Windows

1 **Select [Properties] from the list displayed by right-clicking on the desktop.**

The [Display Properties] dialog box appears.

2 **Select the [Setting] tab in the [Display Properties] dialog box.**

[Setting] tab page in the [Display Properties] dialog box
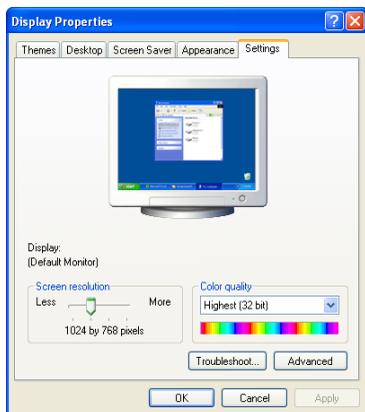
3 **Click the [Color Management] tab in the dialog box displayed by clicking the [Advanced] button.**

The name of the dialog box displayed depends on the monitor in use.

[Color Management] tab page
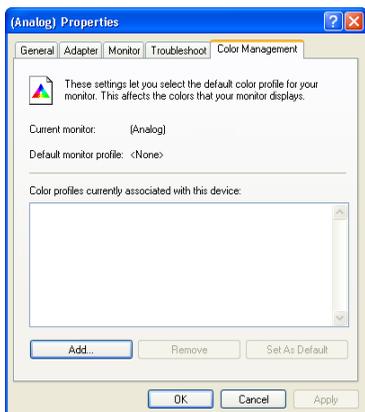
4 **Check the [Default monitor profile] setting.**

When you have finished checking the setting, click the [Cancel] button to close the [Display Properties] dialog box.

● **Checking the setting of the profile used when printing images**

<u>Mac OS 9</u>

1 **Select [Control Panels > ColorSync] from the Apple menu.**

2 **Select the [Profiles] tab and check the [Output] setting for [Profiles for Standard Devices].**

[Profiles] tab page in [ColorSync] (Mac OS 9)
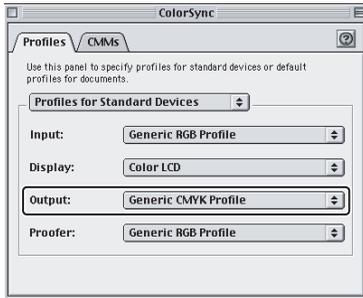
<u>Mac OS X (10.1)</u>

1 **Select [System Preferences] from the Apple menu and select [ColorSync].**

2 **Select the [Device Profiles] tab and check the [Output] setting.**

[Device Profiles] tab page in [ColorSync] (Mac OS X (10.1))
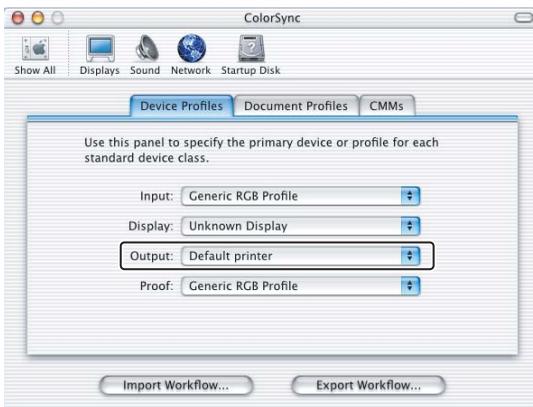
Mac OS X (10.2)

1 **Select [Applications > Utilities] from the Startup Disk and double-click [ColorSync Utility].**

2 **Select [Devices > Printers] and check the setting under [Current Profile].**

When several printers are connected to the computer, select the printer you want to use from the list of printers displayed under [Printers] and check the settings.

[Devices] in the [ColorSync Utility] dialog box (Mac OS X (10.2))
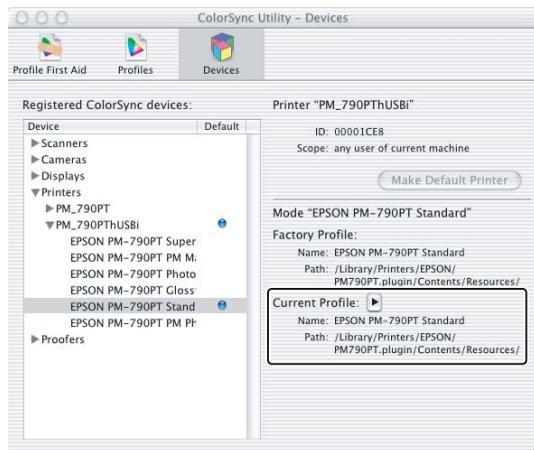
Windows

1 **Select [Settings > Control Panel > Printers] from the [Start] menu on the taskbar to display a list of printers.**

2 **Select the printer in use, and right-click to select [Properties].**
The property settings dialog box for the printer in use appears.

3 **Select the [Color Management] tab in this dialog box.**
The name of the dialog box displayed depends on the monitor in use.

[Color Management] tab page
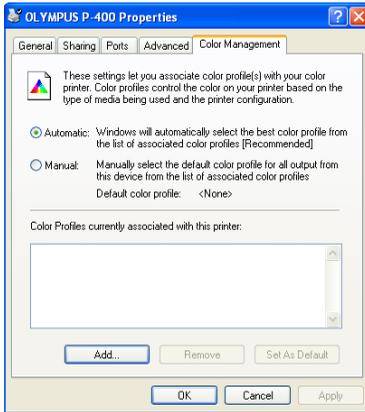
4 **Check the color profile setting.**
When you have finished checking the setting, click the [Cancel] button to close the property settings dialog box for the printer.

Note
- The methods of checking the colors displayed on the monitor and the printed colors may differ depending on the version of the OS in use.
- For details on setting the profile of your monitor or printer, refer to the operation manual provided with the monitor or printer.
- When enabling the multi monitor settings in Windows and using this function, set the profile that matches the monitor you will be using to display most of the images.

OLYMPUS Viewer Preferences

Setting the [Color Management] tab

1 Select the [Color Management] tab in the [Preferences] dialog box.

The [Color Management] tab page appears.

[Color Management] tab page in the [Preferences] dialog box

Item	Description
Embedded profile	Checking [Embed profile when saved] embeds the profile in the image when it is saved.
Monitor Profile	Checking [Use OS Setting Profile] uses the monitor profile set in the OS to display images on the monitor.
Printer Profile	Checking [Use OS Setting Profile] uses the printer profile set in the OS to print images.

OLYMPUS Viewer Preferences

144

2 Configure each item.

Setting an embedded profile

To embed the profile in the image when the image is saved, check [Embed profile when saved]. The profile to be embedded is determined automatically for each file format. If you do not want to embed the profile, uncheck this item.

Setting the monitor profile

To use the monitor profile specified in the OS, check [Use OS Setting Profile].

Setting the printer profile

To use the printer profile set in the OS when printing, check [Use OS Setting Profile].

Tips

• The color space selected in [Color Space] of the camera Shooting Menu is applied to the image shot with the camera. The color space selected in [Color Space] of the [Raw Development] dialog box is applied to the RAW data developed and saved with OLYMPUS Viewer.

OLYMPUS Viewer Preferences

Appendices

List of menus

● [File] menu

Create New Folder	Creates a new folder in a drive or folder selected in the folder tree.
Move selected file to new subfolder	Creates a new subfolder within the folder in which the selected image file is saved and moves the selected image file to this folder.
Rename	Enables you to rename the file or folder selected in the thumbnail display area.
Rename All	Enables you to rename several image files selected in the thumbnail display area at the same time.
Delete	Deletes the image file selected in the thumbnail display area.
Find	Searches for an image file using specified conditions and displays the search results in the thumbnail display area.
Properties	Displays or hides the properties area.
Print	Prints the image selected in the browse window. You can select from photo printing, index printing, or contact sheet printing.
Exit	Closes the browse window. (This is not displayed in Mac OS X.)

● [Edit] menu

Launch registered application	Opens the image file selected in the thumbnail display area with the registered application. The application must first be registered in [Preferences].
RAW Development	Enables you to set the exposure compensation, color space, and other RAW data development settings.
Cut	Cuts the image file selected in the thumbnail display area.
Copy	Copies the image file selected in the thumbnail display area.
Copy Image	Copies the contents of the image file selected in the thumbnail display area to the clipboard.
Paste	Pastes the image file copied or cut with [Copy] or [Cut] to the specified drive or folder.
Rotate Image	Rotates the display of the selected image. You can select [Clockwise 90°], [Counterclockwise 90°], or [180°] for the degree of rotation.
Select All	Selects all images displayed in the thumbnail display area.

● [View] menu

Browse Mode	The image files inside the folder selected in the folder tree are displayed in a list in the thumbnail display area.
View Mode	The image selected in the thumbnail display area is enlarged and displayed in the single image view area. If several images are selected, only the image selected last is displayed.
Light Box Mode	The image file selected in the thumbnail display area is displayed in the image comparison area.
Full Screen Display / Slide Show	Displays the image file selected in the thumbnail display area at full screen. You can also display the images in a slide show.
Display/Hide Toolbar	Displays or hides the toolbar.
Display/Hide Shortcut Area	Displays or hides the shortcut area.
Display/Hide Collection Area	Displays or hides the collection area.
Previous Image	Displays in the single image view area the previous image file selected in the thumbnail display area.
Next Image	Displays in the single image view area the next image file selected in the thumbnail display area.
Thumbnail Display Size	Enables you to select the size of the thumbnail images displayed in the thumbnail display area.
Thumbnail List Items	Displays or hides the items displayed on the thumbnail border.
Arrange	Enables you to specify how to arrange the display order of the thumbnail images.
Display Magnification	Changes the display magnification of the image file selected in the single image view area or image comparison area.
Normal Mode	The cursor changes to an arrow.
Zoom In Mode	The cursor changes to the magnifying glass (+). Click the image displayed in the single image view area or image comparison area to zoom in.
Zoom Out Mode	The cursor changes to the magnifying glass (–). Click the image displayed in the single image view area or image comparison area to zoom out.
Scroll Mode	The cursor changes to the hand tool. Drag the image displayed in the single image view area or image comparison area to scroll the image.

Sorting Checkmark Display	Displays or hides [Sorting Palette]. The image files displayed in the thumbnail display area can be changed according to the sorting checkmarks.
Refresh	Refreshes the folders and the display in the thumbnail display area.

● [Tools] menu

Get Image	Transfers images from the camera or a memory storage media to the computer.
Convert Format	Converts the image file selected in the thumbnail display area to a different file format and saves that image file.
Send E-mail	Resizes and/or converts the format of the image selected in the browse window and attaches that image to outgoing e-mail.
Customize Toolbar	Enables you to customize the buttons displayed on the toolbar. You can add and delete toolbar buttons and change the size of the button icons. You can also change the order of the buttons.
Preferences	Enables you to set the general preferences for OLYMPUS Viewer.

● [Help] menu

OLYMPUS Viewer Help	Searches for a topic to be displayed in Help.
Update Software	Updates the software.
Update Firmware	Updates the firmware.
Online User Registration	Enables you to register your user information online.
About	Displays the OLYMPUS Viewer version information.

Glossary of terms

Bitmap
This format is used to manage data by assigning an address to each pixel. In Macintosh, this also refers to a graphic or text displayed as a combination of pixels. The bitmap file format is commonly used in Windows. This bitmap data relies on a device and does not contain palette information.

Color Space
This is the defined color reproduction area. The color reproduction area varies depending on the printer, monitor, or other input/output device; therefore, to ensure a uniform color environment from input to output, color space must be used to manage the varying color reproduction areas.

DCF
Design rule for Camera File system. This image format enables the sharing of image files recorded using digital cameras from different manufacturers.

Exif
Exchangeable Image File Format. This is an image file format with an embedded thumbnail images or shooting information and based on the JPEG image file format.

IEEE1394 (FireWire)
This is a standard for connecting a computer with an external device. An IEEE1394 (FireWire) cable conforms to this standard and is used to connect a digital camera or digital video camera. Because this type of cable has a fast transfer rate of 400 Mbps, it is able to transfer large amounts of data very quickly. It also supports a function (Isochronous transmission) that guarantees regular data transmission.

JPEG
This is a file format for compressing and saving images. Some of the information is removed from the image, thereby compressing and recording the image data to a smaller file size. Although the image quality deteriorates slightly when the image data is compressed, you are able to save more images with the same disk space.

PICT
This is a format for saving image data. It is a standard graphic format in Macintosh. It can contain both a bitmap and draw object. This format can be used with 24-bit color or 256 shade grayscale. PICT files can be written and read by most graphic software and by Simple Text, and are therefore commonly used when sending and receiving data across different software applications.

PNG
Portable Network Graphics. This file format was developed because of the image data deterioration of JPEG and the patent issues surrounding the GIF format. PNG offers a very high compression rate.

Profile
This is a color properties file. It defines the color reproduction area properties of input and output devices. The color management system uses a profile to correct the color differences between devices and convert the data when an image is input or output to or from a device.

RAW Data
When the Record mode on an Olympus camera is set to [RAW] and an image is shot, the image is saved as RAW data. RAW data is the original data from the charged coupled device (CCD) that has not been developed inside the camera. OLYMPUS Viewer can be used to develop the image. Changes to the development process settings are saved with *.orf as the extension for the Olympus RAW File format data. When saved RAW data is opened, an image is displayed with the settings in the header applied. To use this RAW data with a different application, you must first convert the data to JPEG or similar file format.

TIFF
This is a file format for saving images. When an image is saved without being compressed, the file size may be large, but there is little deterioration of the image quality. This format is good for saving an image that will be printed at a larger size.

USB
Universal Serial Bus. This is a standard for connecting a computer with an external device. A USB cable conforms to this standard and is used to connect a digital camera or printer. A USB cable can be disconnected while the USB device is still on, and it also enables the connection of several USB devices at the same time. USB 1.1 has a transfer rate of 12 Mbps and USB 2.0 has a transfer rate of 480 Mbps.

Appendices

Index

Appendices

Appendices

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