

THE OLYMPUS GUIDE TO SHOOTING

PRETTY DARN SWEET BIRD PHOTOS

FEATURING TIPS AND TECHNIQUES
FROM OLYMPUS VISIONARY SCOTT BOURNE



OLYMPUS



OM-D E-M1 Mark II | M.Zuiko Digital ED 300mm F4.0 IS PRO with M.Zuiko MC-14 1.4x Teleconverter | F5.6 | 1/160sec | ISO640

ELEVATE YOUR BIRD PHOTOGRAPHY GAME.

All images shot by Olympus Visionary Scott Bourne.

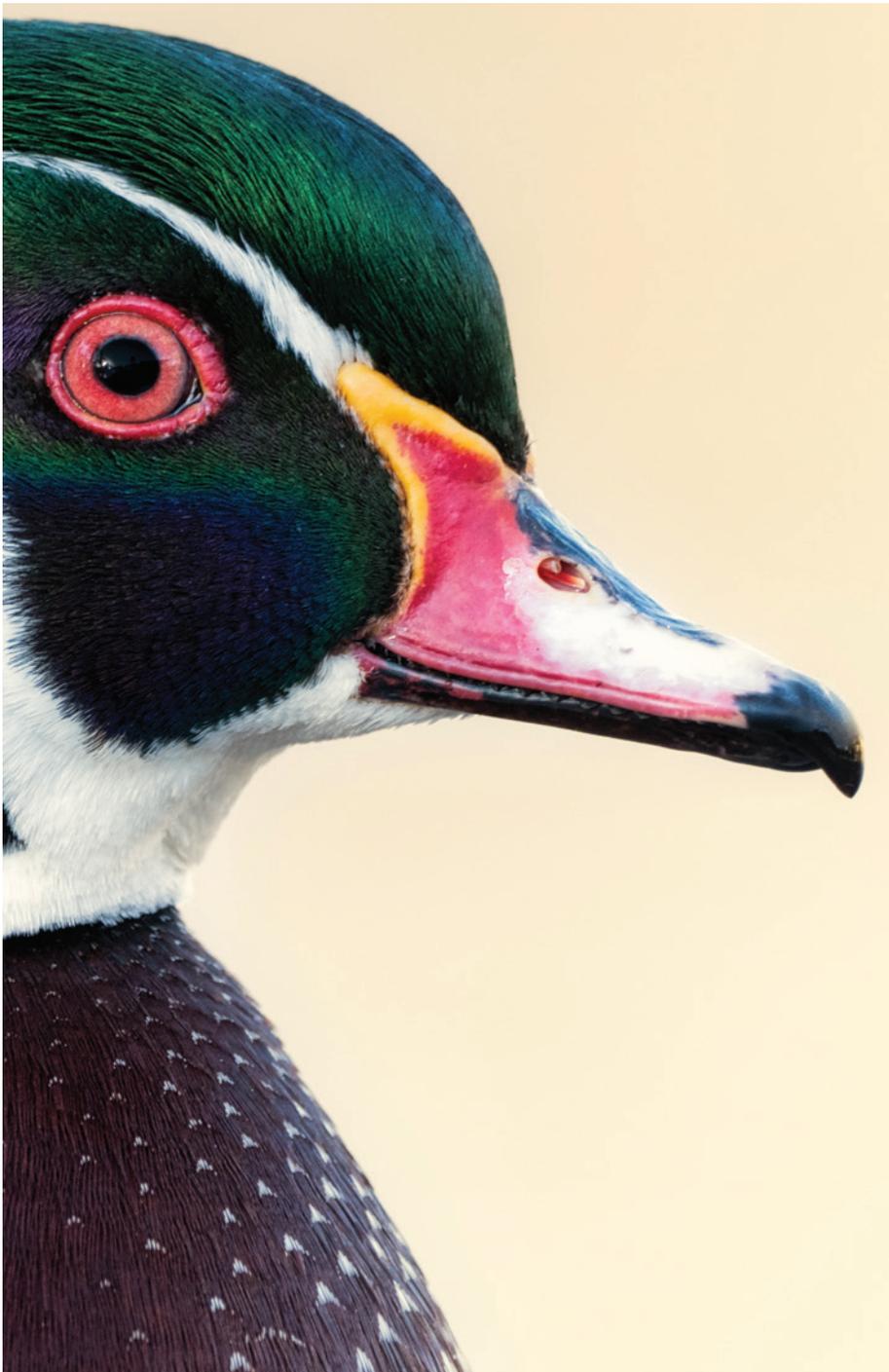
You love watching birds. You love photography. And you'll love this handy guide. Whether you're getting started or you've been shooting in the field for years, you'll learn something new. World-renowned bird photographer and Olympus Visionary Scott Bourne shares tips and techniques from his hard-earned experience shooting for more than 4 decades all over the planet. You'll also learn why the Olympus OM-D E-M1 Mark II is the ideal camera for photographing our feathered friends. Enjoy the thrill of getting a perfect bird photo.

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OM-D E-M1 Mark II | M.Zuiko Digital ED 300mm F4.0 IS PRO with M.Zuiko MC-14 1.4x Teleconverter | F5.6 | 1/1600sec | ISO200





OM-D E-M1 Mark II | M.Zuiko Digital ED 300mm F4.0 IS PRO with M.Zuiko MC-14 1.4x Teleconverter | F5.6 | 1/80sec | ISO400



MEET SCOTT BOURNE.

AUTHOR.

LECTURER.

ACCLAIMED WILDLIFE PHOTOGRAPHER.

BIRD WHISPERER.

When it comes to photographing birds in their natural habitat, there are few people in the world who are better than Scott Bourne. Using his training as an ornithologist — kind of a bird whisperer — he combines 40 years of photography expertise and endless patience to capture some of the most stunning bird photos you'll ever see. Scott's work has been featured in more than 200 publications, and he's traveled the world shooting birds in an attempt to "speak for the creatures who have no voice."

Scott became an Olympus Visionary after switching to the Olympus OM-D system. He previously used big, bulky DSLRs and lenses until his surgically repaired shoulder couldn't take the stress of holding heavy cameras. He found the perfect solution in the OM-D — lightweight, portable and powerful. Scott's remarkable photography career continued without missing a beat.



Left: OM-D E-M1 Mark II | M.Zuiko Digital ED 40-150mm F2.8 PRO at 70mm | F6.7 | 1/1500sec | ISO400
Right: OM-D E-M1 Mark II | M.Zuiko Digital ED 40-150mm F2.8 PRO at 150mm | F5.6 | 1/1000sec | ISO200

**BIRDS MAKE FOR
CHALLENGING
SUBJECTS.**

**SCOTT BOURNE
MAKES IT
LOOK EASY.**





OM-D E-M1 Mark II | M.Zuiko Digital ED 300mm F4.0 IS PRO with M.Zuiko MC-14 1.4X Teleconverter | F5.6 | 1/320sec | ISO200

BE WHERE THE BIRDS ARE.

It helps to be an expert bird finder and watcher before becoming a bird photographer. Of course, there's no shortage of avian subjects in the world, but there are a few places you'll have good luck getting up close and personal with a bird.

PRESENTING SCOTT'S TOP PLACES TO LOOK FOR BIRDS:



Get started in your own backyard by planting some bird friendly bushes and a feeder.



Set up a portable "blind" in your yard so you can hide yourself while you photograph birds.



Check with local bird rescue centers who care for injured or orphaned birds of prey. It's a great opportunity to get close to birds you don't often see. Just call ahead and let them know what you'd like to do. Most places are accommodating if you agree to follow their rules. A thoughtful gesture would be to let them use some of your shots for promotional purposes.

Go to your local zoo. Many of them exhibit birds in natural habitats that are ideal for backgrounds.

Any National Wildlife Refuge is a bird photographer's dream.



You'll find plenty of birds if you visit these places:

- Bosque del Apache, San Antonio, New Mexico
- J.N. "Ding" Darling National Wildlife Refuge, Sanibel Island, Florida
- The Alligator Farm, St. Augustine, Florida
- Arizona-Sonora Desert Museum, Tucson, Arizona
- San Diego Wild Animal Park/Zoo, San Diego, California

Visit audubon.org to find out some of the best places to find birds near you.



SCOTT BOURNE'S TOP TEN TIPS WILL INSTANTLY MAKE YOU A BETTER BIRD PHOTOGRAPHER.



OM-D E-M1 Mark II | M.Zuiko Digital ED 40-150mm F2.8 PRO at 150mm | F6.7 | 1/1500sec | ISO400

- 01.** Pay attention to the direction of the wind and sun. If they are coming from the same direction, the conditions are perfect for photographing birds in flight.
- 02.** Try and keep the sun at your back. Most published bird photos are lit through the sun or open shade.
- 03.** Shoot birds in flight when the sun is low in the sky. If it's too high, the bird's underside will be in shadow.
- 04.** Sunrise and sunset are ideal times to underexpose the subject and create a striking contrast for a beautiful silhouette.
- 05.** When shooting flocks of birds, you'll get better composition if you wait for them to separate so their wings don't overlap.



OM-D E-M1 Mark II | M.Zuiko Digital ED 12-100mm F4.0 IS PRO at 100mm | F5.6 | 1/1500sec | ISO400

- 06.** Photograph birds on a clean, simple background so your subject will stand out better.
- 07.** Know your subject. The more you understand the way birds behave, the better your images will be.
- 08.** Have patience. Stick with an area, and don't give up. Eventually birds become used to your presence and will approach you.
- 09.** Birds scare easily. Keep yourself low to the ground, and don't move too suddenly.
- 10.** Know your gear. Learn about your camera's features and settings before you're out in the field.



OM-D
E-M1 Mark II



THE PERFECT CAMERA FOR PHOTOGRAPHING BIRDS IS AGILE, QUICK AND LIGHT AS A FEATHER.

Think of an OM-D camera as a DSLR that went on a diet, lost weight and shrunk a few sizes. OM-Ds are one-third of the price and weight of a flagship DSLR and half the size. For bird photographers like Scott Bourne, the E-M1 Mark II means not having to be exhausted from lugging around big lenses and a bulky body.

The E-M1 Mark II is packed with technology to handle the challenges that come with photographing birds. It has an industry leading in-body 5-Axis Image Stabilization system to compensate for camera shake and ensure sharp images in tough shooting conditions. An accurate Dual Autofocus system combined with up to 60 fps sequential shooting makes quick work of photographing birds in flight.

The OM-D is more than a camera. There's a continually expanding system with 25 lightweight and compact lenses plus accessories. As your interest grows in bird photography — or photography in general — the OM-D system is expansive to grow with you.



ALL THE FEATURES YOU NEED TO CAPTURE BIRDS.

*(PHOTOGRAPHICALLY SPEAKING,
OF COURSE.)*



PROTECTS ITSELF FROM BAD WEATHER.

Lousy weather often takes you by surprise. The E-M1 Mark II has you covered. It's splashproof, dustproof and freezeproof [down to 14°F/-10°C]. There's no need to carry protective gear, so you can focus on keeping an eye on your subject instead of watching out for your camera.



COMPACT WITH SUPERB IMAGE QUALITY.

Do you really want to walk through woods, mountain trails, or a park looking for birds while carrying big lenses and a bulky camera? Let the E-M1 Mark II set you free. It has a compact body and small, lightweight lenses with the performance of pro DSLR systems. You'll have greater freedom of movement, and that just means better bird photos.



KEEP UP WITH FAST-FLYING BIRDS.

The speed of an E-M1 Mark II blows away most DSLRs. You can capture an astounding 60 frames per second (fps) with S-AF and 18 fps with C-AF using the silent electronic shutter. With the mechanical shutter, you can achieve speeds of 15 fps with S-AF and 10 fps with C-AF. All ideal for rapid fire shooting when you need it.



For technical representation only. Not shot by Scott Bourne.



NEVER MISS A SHOT.

Let's say you're watching a bird about to spread its wings and take off. Our Pro Capture feature helps you get the exact shot. Press the shutter button halfway to start taking and buffering a running series of images in RAW or JPEG. Once you see the precise moment you want to capture, press the shutter button to get that image, plus the previous 35 frames.



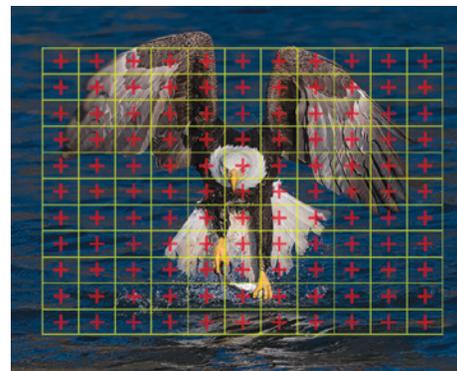
TECHNOLOGY HAS REPLACED THE TRIPOD.

Leave your tripod behind, and let our in-body 5-Axis Image Stabilization help you take sharp photos. This industry leading system adjusts for all types of camera movement by providing 5.5 stops of compensation. Pair the E-M1 Mark II with the 300mm F4.0 IS PRO or the 12-100mm F4.0 IS PRO lens and get the advantage of Sync IS, one of the world's most effective image stabilization systems with up to 6.5 stops of compensation. It's ideal for capturing sharp photos in low light settings and taking handheld telephoto shots. You'll have the freedom to react quickly to fast-moving subjects.



PRECISE AUTOFOCUSING.

Photographing a bird in flight takes an incredibly responsive, blazing fast autofocus system. The E-M1 Mark II's DUAL FAST AF features 121 points of Phase Detection plus Contrast Detection AF that blanket the image sensor. Each point is cross-type for superior detection of horizontal and vertical lines, delivering superior accuracy.



TOP TECH TIPS FOR PHOTOGRAPHING BIRDS WITH AN E-M1 MARK II.

Presenting a few convenient tips to help you use some of the advanced technology you'll have at your fingertips. Think of it as a quick guide to bringing home some stunning bird photos.

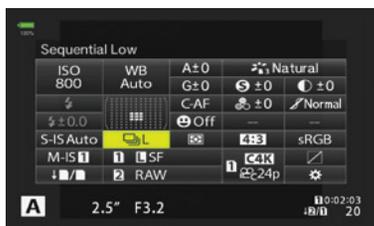


01. SET YOUR MODE DIAL TO APERTURE PRIORITY.

Manually control your depth of field while the camera automatically chooses the shutter speed. This mode is indicated with an "A" on the E-M1 Mark II's Mode Dial.

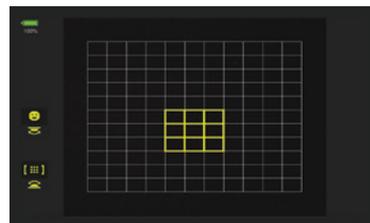
02. USE THE CONTINUOUS SHOOTING LOW DRIVE MODE.

At 10 frames per second, this is the E-M1 Mark II's fastest mechanical shutter speed with continuous focusing on moving subjects. It's an ideal setting for photographing birds in flight.



03. ACTIVATE CONTINUOUS-AF.

This setting lets you continuously focus on a subject while the shutter release is pressed halfway.



04. USE THE 9-POINT AF TARGET.

Choose the 9 AF points just below the center of the viewfinder, because that's where you'll typically position a bird in your frame.



05. CHOOSE THE RIGHT ISO.

When it's sunny, ISO 400 works well. But on cloudy days or at sunrise and sunset, you may need to boost the ISO as high as 2000 to achieve a shutter speed fast enough to freeze a flying bird.



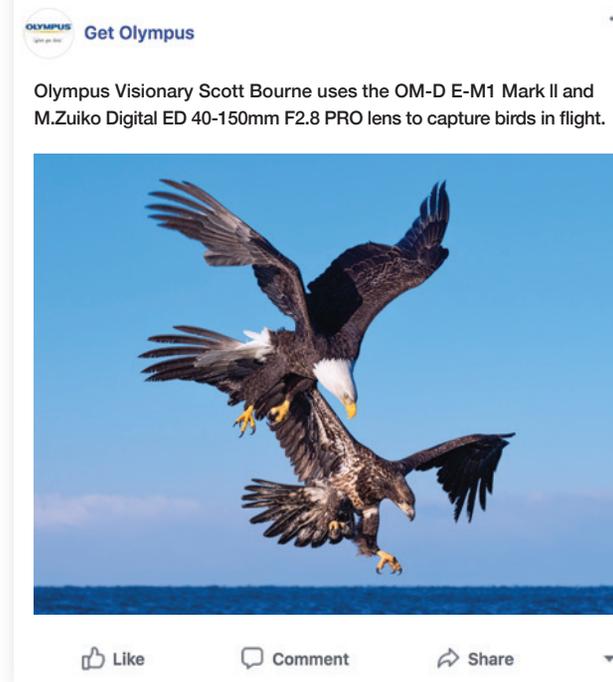
06. KEEP YOUR FINGER ON THE EXPOSURE COMPENSATION DIAL.

Lighting conditions can quickly change, especially when shooting outdoors. Keep your finger on the exposure compensation dial, conveniently located at the front of the E-M1 Mark II so you can lighten or darken your image.



GET YOUR BIRD PHOTOS FLYING AROUND THE INTERNET.

The E-M1 Mark II features built-in Wi-Fi so you can wirelessly transfer your bird photos to your smartphone or tablet. From there, your photos can be uploaded to your favorite social media site in a minute or two. All you need is our free Olympus Image Share App for your smart device. Let's get started.



OM-D E-M1 Mark II | M.Zuiko Digital ED 40-150mm F2.8 PRO at 90mm | F6.7 | 1/1500sec | ISO400

- 01.** Download and install OI.Share app.
 - 02.** Tap the Wi-Fi icon on the E-M1 Mark II's screen to display the camera's QR code.
 - 03.** Launch OI.Share on your smartphone. Open the tab at the bottom of the Home screen and tap "Easy Setup" to scan the QR code on your camera's screen.
 - 04.** Install Wi-Fi configuration profile. When installation is finished, tap "Complete."
 - 05.** When the camera is connected, the icon on the tab at the bottom of the app's Home screen will read "on."
- Now that your smartphone and camera are synced, you can start sending images to your phone, then to your friends and followers.

NOTE: In the case of iOS, if your smartphone is connected to a home Wi-Fi router or other access point, it will not automatically connect to the camera via Wi-Fi, and the setup won't complete. Open your Wi-Fi settings in your phone and manually select your camera as the connection source.

M.ZUIKO PRO



01.

LENSES CAPABLE OF TAKING YOUR BIRD PHOTOGRAPHY TO NEW HEIGHTS.

Great lenses will help you succeed no matter what you're shooting. That's the idea behind our M.Zuiko PRO line. They're considerably smaller and lighter than traditional DSLR lenses, but deliver superior imaging power. They feature precision cut glass and bright, fast apertures that give you superior image quality. All of them have built-in, worry-free weatherproofing. It's the reason Scott Bourne carries them, and it's why you should too.

Here are Scott's top lenses to capture bird photos you'll be proud to show off.

02.



03.



04.



01. M.ZUIKO DIGITAL ED 300mm F4.0 IS PRO (600mm).

Get all the imaging power of a big, heavy super telephoto lens in a compact size. This lens is ideal for extending telephoto reach and features superior close-focusing capability. Just imagine capturing all the detail and color of a bird's eye from a distance.

02. M.ZUIKO DIGITAL ED 40-150mm F2.8 PRO (80-300mm).

Ideal for a wide range of bird photographs including portraits and flight shots. A fast, constant F2.8 aperture helps you capture crisp images in low light conditions. Whisper quiet operation is perfect for use in the field.

03. M.ZUIKO MC-14 1.4X TELECONVERTER.

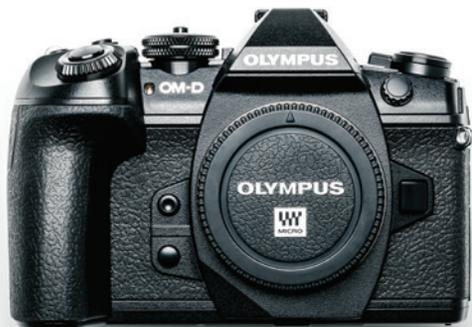
When paired with our 300mm F4.0 IS PRO lens, you'll have the range of a super-long, super-heavy, incredibly expensive 840mm lens but in an easy-to-handle size. It's all the imaging power you need to shoot birds in spectacular detail from great distances. Can also be used with the 40-150mm F2.8 PRO.

04. M.ZUIKO DIGITAL ED 12-100mm F4.0 IS PRO (24-200mm).

When used with the E-M1 Mark II, it creates one of the world's most effective image stabilization systems for sharp, handheld telephoto shots. No tripod required. You'll have the mobility and freedom you need to capture your best bird photos.



FL-900R FLASH



E-M1 MARK II CAMERA BODY*



300mm F4.0 IS PRO (600mm)



EE-1 DOT SIGHT



MC-14 1.4X TELECONVERTER



12-100mm F4.0 IS PRO (24-200mm)



40-150mm F2.8 PRO (80-300mm)*



HLD-9 POWER BATTERY GRIP



7-14mm F2.8 PRO (14-28mm)

YOU DON'T NEED A LOT OF GEAR TO BE A SUCCESSFUL BIRD PHOTOGRAPHER. SEE FOR YOURSELF.

Scott Bourne has been shooting exclusively with Olympus for years. One reason is because the OM-D system is lightweight, feature rich and easy to pack. The versatility and speed of the system allows the OM-D the mobility to outperform big and bulky DSLRs. Here's a look at what's in Scott's gear bag when he's out on assignment.

***GEAR YOU NEED TO GET STARTED.**



GET CLOSE TO BIRDS WITHOUT ACTUALLY GETTING CLOSE TO BIRDS.

You need to see birds without scaring them. That's why you often have to keep a distance. These professional Olympus binoculars help you find the birds you want to photograph. They're designed for comfort – from the slim, ergonomic design to an easy-to-reach center-focus knob. Roof prisms provide brightness and sharpness across the image. They're filled with nitrogen to prevent fogging and condensation, while waterproof construction lets you use them in all weather conditions.



OM-D E-M1 Mark II | M.Zuiko Digital ED 40-150mm F2.8 PRO at 125mm | F2.8 | 1/250 sec | ISO500



MAGELLAN 8X42 EXWP I

Provides excellent 8x magnification.

Both binocular models feature:

- Maximum image brightness and contrast, thanks to the multicoated all-glass lens system.
- High index BaK-4 roof prisms for crisp edge-to-edge sharpness.
- Hermetically sealed waterproof design.
- Non-slip rubberized coating.



MAGELLAN 10X42 EXWP I

Provides powerful 10x magnification.



OLYMPUS