

# What Else Do I Need to Know?

Some Settings To Get You Started



**OLYMPUS**

OMD EM1X w/300mm f4 PRO lens

# Basic Birding Tips!

Mode Dial



Which Setting and Why?

## A -Aperture Priority

- Subject is still or moving generally slow. Allows user to control Depth of Field. You can also easily control the Exposure Compensation.

## S -Shutter Priority

- User wants control over the Shutter Speed in order to capture fast moving subjects. You can also easily control the Exposure Compensation.

## M -Manual

- User has control over both the Aperture and the Shutter Speed. Allows for adjusting for the light available and the subject matter.

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# Basic Birding Tips!

Mode Dial

Use Custom Modes!

Camera Mode Dials



E-M10 Mark III



E-M5 Mark III



E-M1 Mark II



E-M1X  
E-M1 Mark III

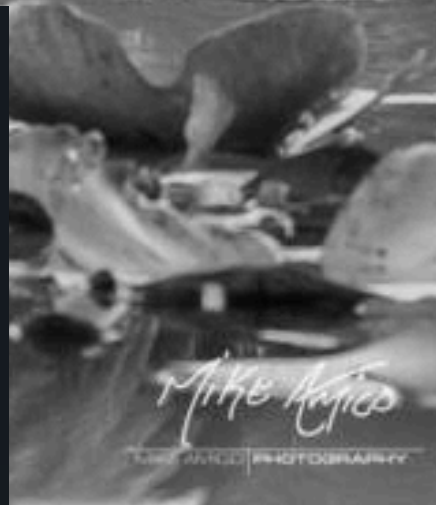
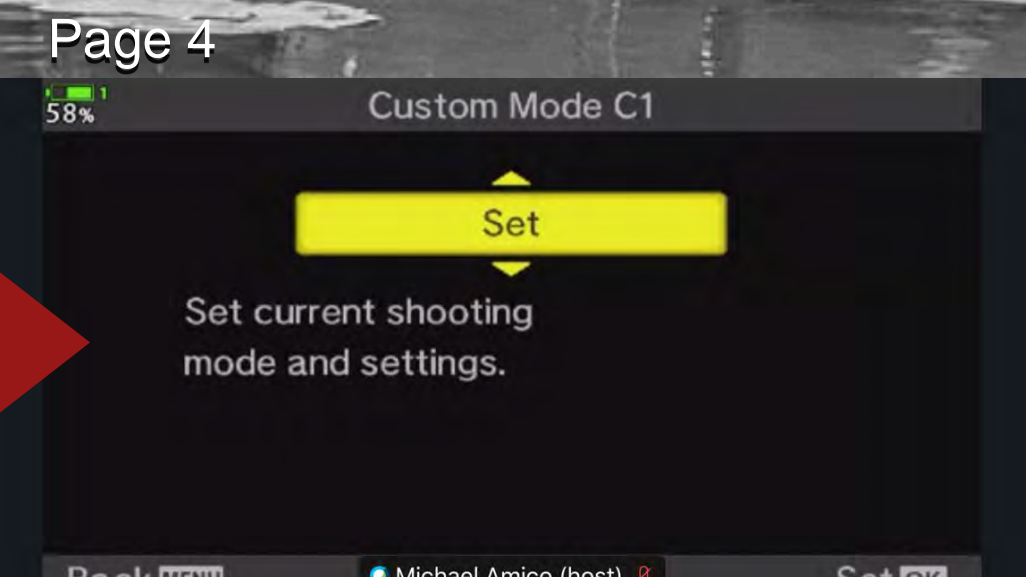
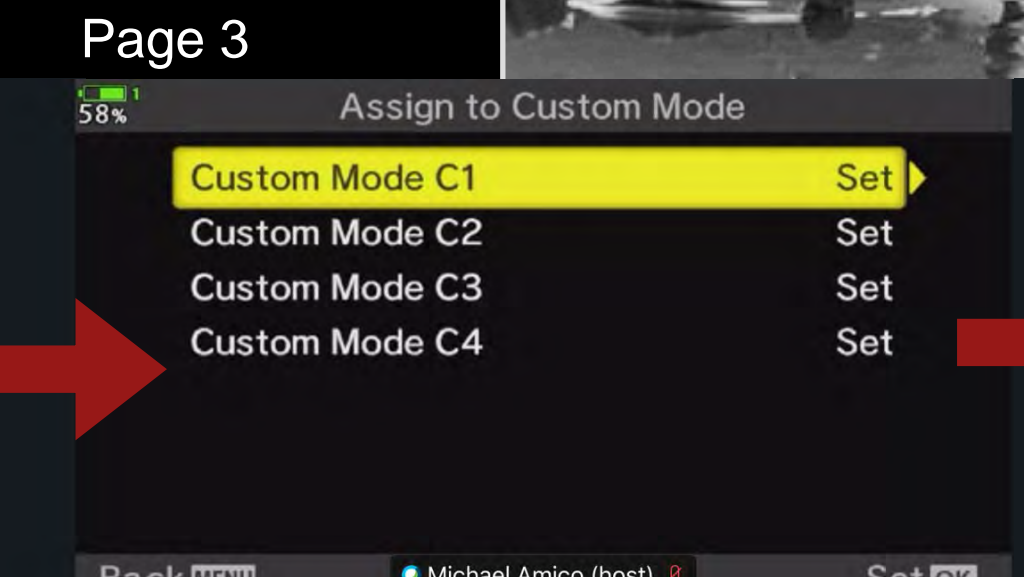
What Do I Use Custom Modes For?

- Birds In Flight & Pro Capture



Quick How-To

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# Basic Birding Tips!

## Basic Settings

ISO Sensitivity

- Lower light levels demand higher ISO numbers
- Sunny days = ISO 200 to 400



**ISO 6400**

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Don't be afraid to shoot at higher ISO's to be sure you get a fast enough shutter speed to reduce

# Basic Birding Tips!

## Basic Settings

Exposure Compensation

Live view enables photographers to adjust exposure before shooting.



# Basic Birding Tips!

## Basic Settings

### Exposure Compensation

- Many birds are dark color and white, and the shooting situation are various
- Correct exposure compensation is necessary

Bright background



-1.5 stops

Normal

+1.5 stops

Dark background



# Basic Birding Tips!

## Basic Settings

### Shutter Speed

- To completely freeze Wing tips, a shutter speed of 1/2500s or faster is demanded
- 1/1250s – 1/2000s is also available if you want to express motions.



# Basic Birding Tips!

Recommended settings for Olympus Cameras





# Basic Birding Tips!

Some Recommended settings

## Birds In Flight

Birds in flight may require a faster shutter speed such as 1/2500 sec.

- S-Priority Mode/Manual
- Shutter Speed=1/1250 or faster (in order to freeze wing motion)
- 25 Point Group Target
- Sequential Shooting L (10fps)
- C-AF w/Tracking
- ISO=AUTO
- IBIS=Auto



## Birds In Action

Birds can be caught with “High Speed” shooting at up to 60fps.

- S-Priority Mode/Manual
- Shutter Speed=1/1000 or faster
- Single Target Focus Point
- Silent Sequential Shooting (18fps)
- C-AF
- ISO=AUTO
- IBIS=Auto



## Pro Capture-Sudden Motion

In order to capture the moment a bird takes flight, photographers must carefully anticipate the right moment.. Pro Capture mode can solve the problem.

- S-Priority Mode/Manual
- Shutter Speed=1/1000 or faster
- Single Target Focus Point
- Pro Cap L
- C-AF
- ISO=AUTO
- IBIS=Auto



# Basic Birding Tips!

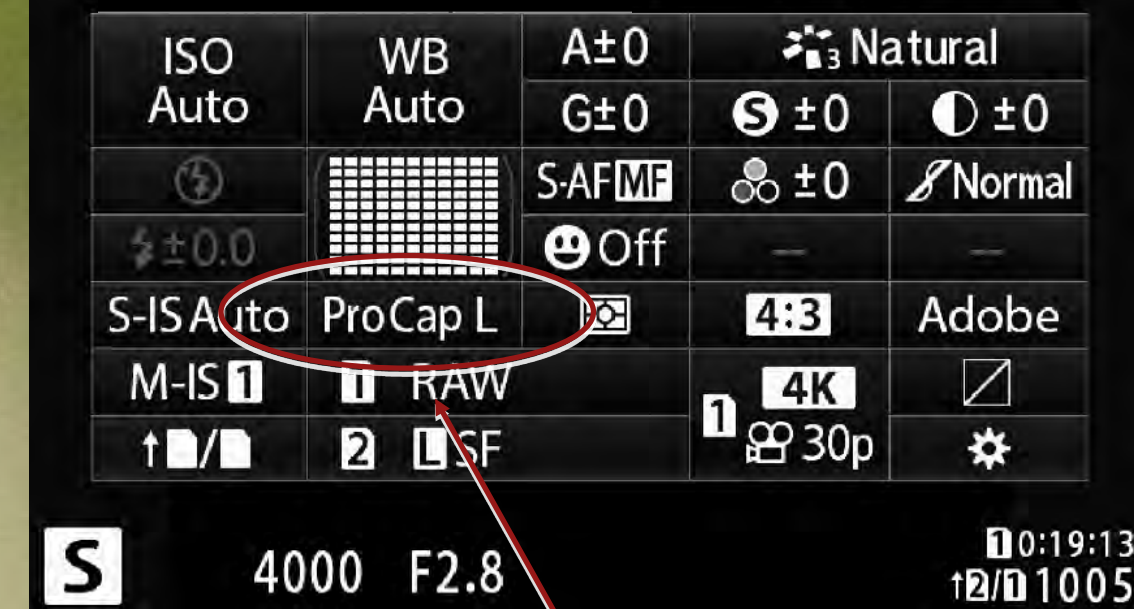
What is Pro Capture?



The camera begins recording 20M images once the shutter button is half-pressed, and retains up to 35 of the most recent images when the shutter button is full-pressed. By capturing moments just prior to when the shutter is released, Pro Capture makes up for time lag caused by human reflexes and camera processing.

# Basic Birding Tips!

What is Pro Capture\*?



Super Control Panel

## Where to find it?

Pro Capture can be found in the Super Control Panel. Here you will see both Pro Cap H and Pro Cap L...

### Pro Cap H (high)

- up to 60fps Single AF
- works with all M/43 lenses

### Pro Cap L (low)

- up to 18fps C-AF available
- works with Olympus M43 lenses

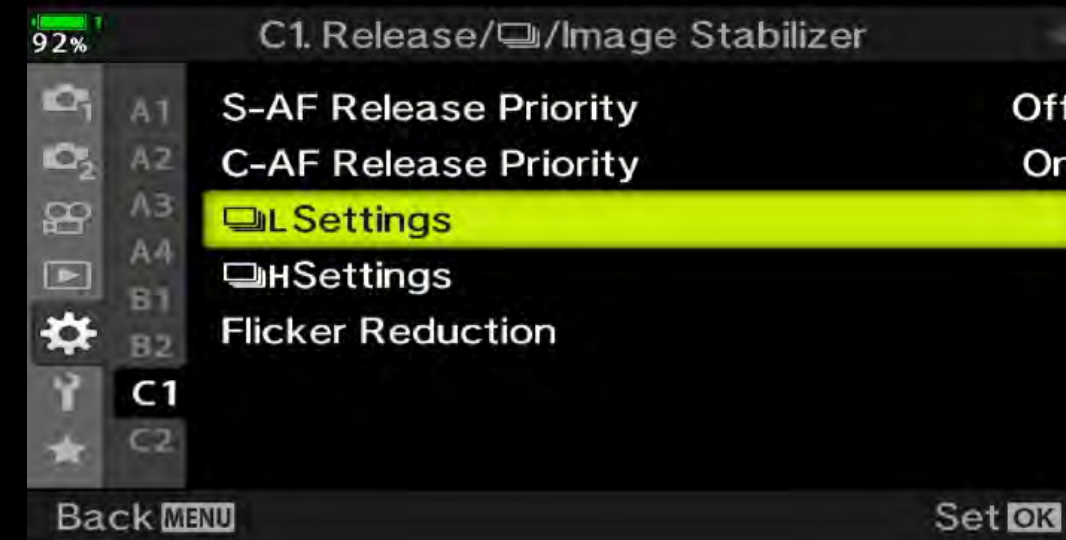


# Basic Birding Tips!

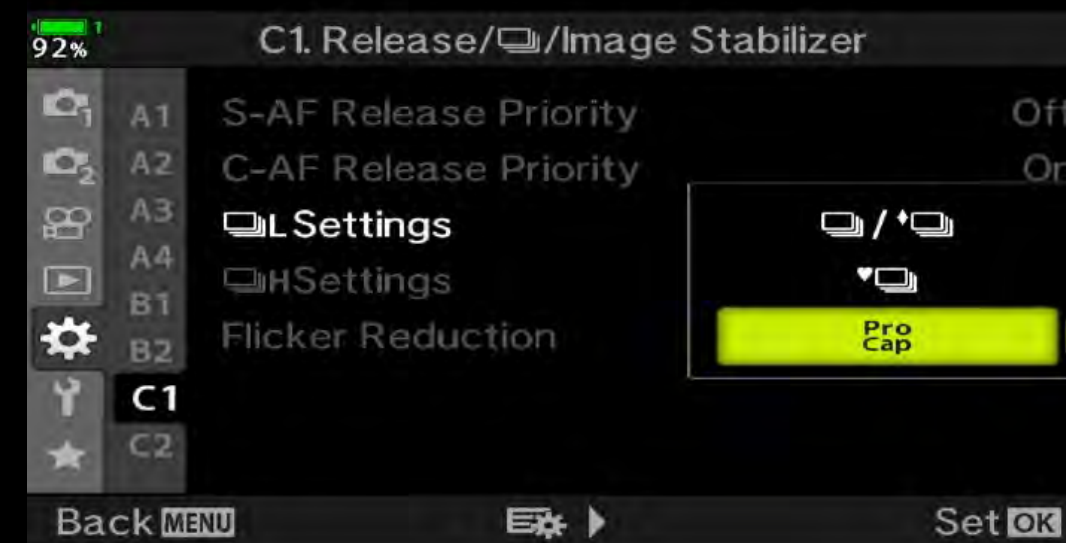
What is Pro Capture\*?

## How to setup the “details”

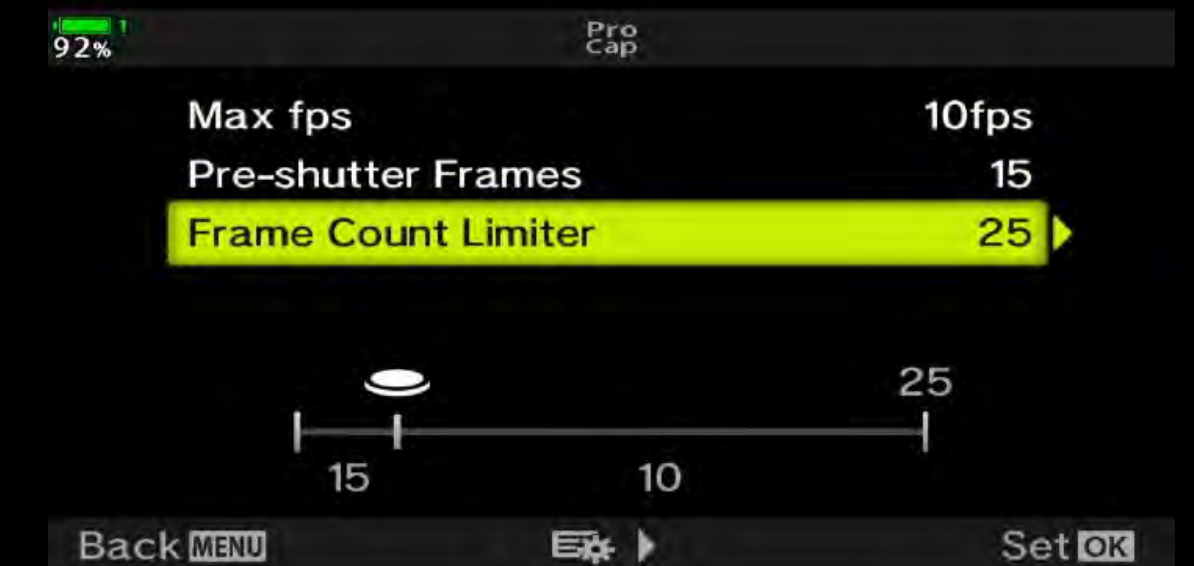
This is where you will setup the amount of frames per second you would like and the amount of frames for both before and after capture when holding down the shutter button



1. Go into the “gear” menu



2. Under C1, sequential settings



3. Here you can select the amount of frames

# Basic Birding Tips!

What is Pro Capture?

Lightroom Example

Adobe Lightroom Classic  
Mike Amico

Library | Develop | Map | Book | Slideshow | Print | Web |

Navigator: FIT FILL 1:1 3:1

Presets: Color, Creative, B&W, Defaults, Curve, Grain, Optics, Sharpening, Vignetting

Snapshots

History: Add Brush Stroke, Dehaze Amount +7 7, Luminance Smoothing +2 17, Luminance Smoothing +15 15, Highlights -58 -58, Exposure +0.45 0.45, Import (9/12/20 7:39:58 PM)

Collections: Filter Collections, Smart Collections

Copy... Paste [Grid] [Compare] [Web] [Web] [Web] Soft Proofing

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Previous Import 385 photos / 1 selected / P9120760.ORF Filter: Filters Off

173 174 175 176 177 178 179 180 181 182 183 184 185 186 187

Histogram: ISO 500 420 mm f / 5.6 1/1600 SEC

Blacks: 0

Presence: Texture 0, Clarity 0, Dehaze +7

Vibrance 0, Saturation 0

Tone Curve

HSL/Color: Hue, Saturation, Luminance, All

Hue: Red 0, Orange 0, Yellow 0, Green 0, Aqua 0, Blue 0, Purple 0, Magenta 0

Split Toning

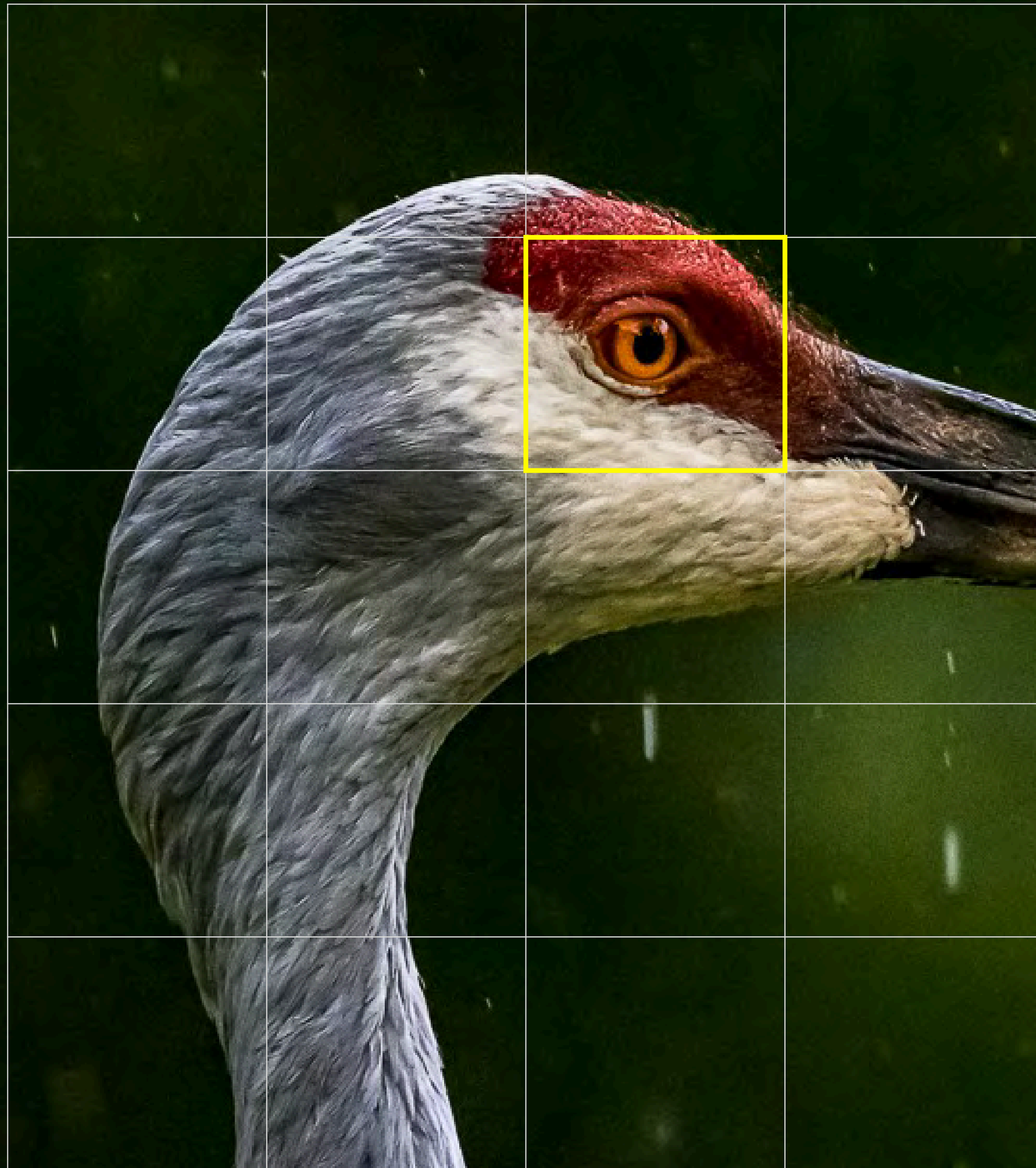
Detail

Previous Reset

# Autofocus Settings

## AF Target Spot Metering

Metering will be executed in the area of the AF target.



E3. Exp/ISO/BULB/ [metering icon]

D3 Metering [metering icon]

D4 AEL Metering Auto

E1 [spot metering icon] Spot Metering

E2

E3

F

G

H1

Back MENU

[spot metering icon] Spot Metering

Spot

Spot Hilight

Spot Shadow

Back MENU  OK

# Basic Birding Tips!

## Autofocus Settings

Continuous AF/Sensitivity

High

+2  
+1  
**±0**  
-1  
-2

Low



High

Further improves AF performance on moving subjects that can quickly change direction toward and away from the camera.

Standard

Low

Further improves performance in maintaining focus on the main subject while other moving subjects pass in front or when there are many objects behind the subject.

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Select Continuous AF (C-AF)



Adjust C-AF sensitivity

# Basic Birding Tips!

## Autofocus Settings

AF Target Pad

\* On EM1X/III utilize Joystick Control!



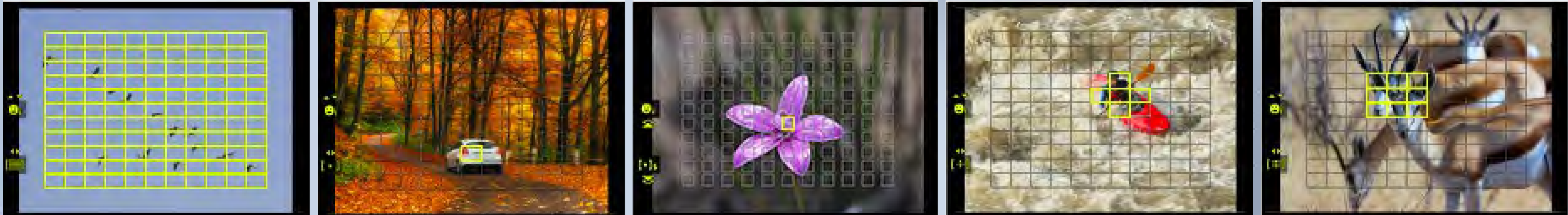
A2. AF/MF

A1	AF Targeting Pad	Off
A2	[]Set Home	<b>On</b>
A3	[]Custom Settings	
B	AF Illuminator	On
C1	Face Priority	i
C2	AF Focus Adj.	Off
D1		
D2		

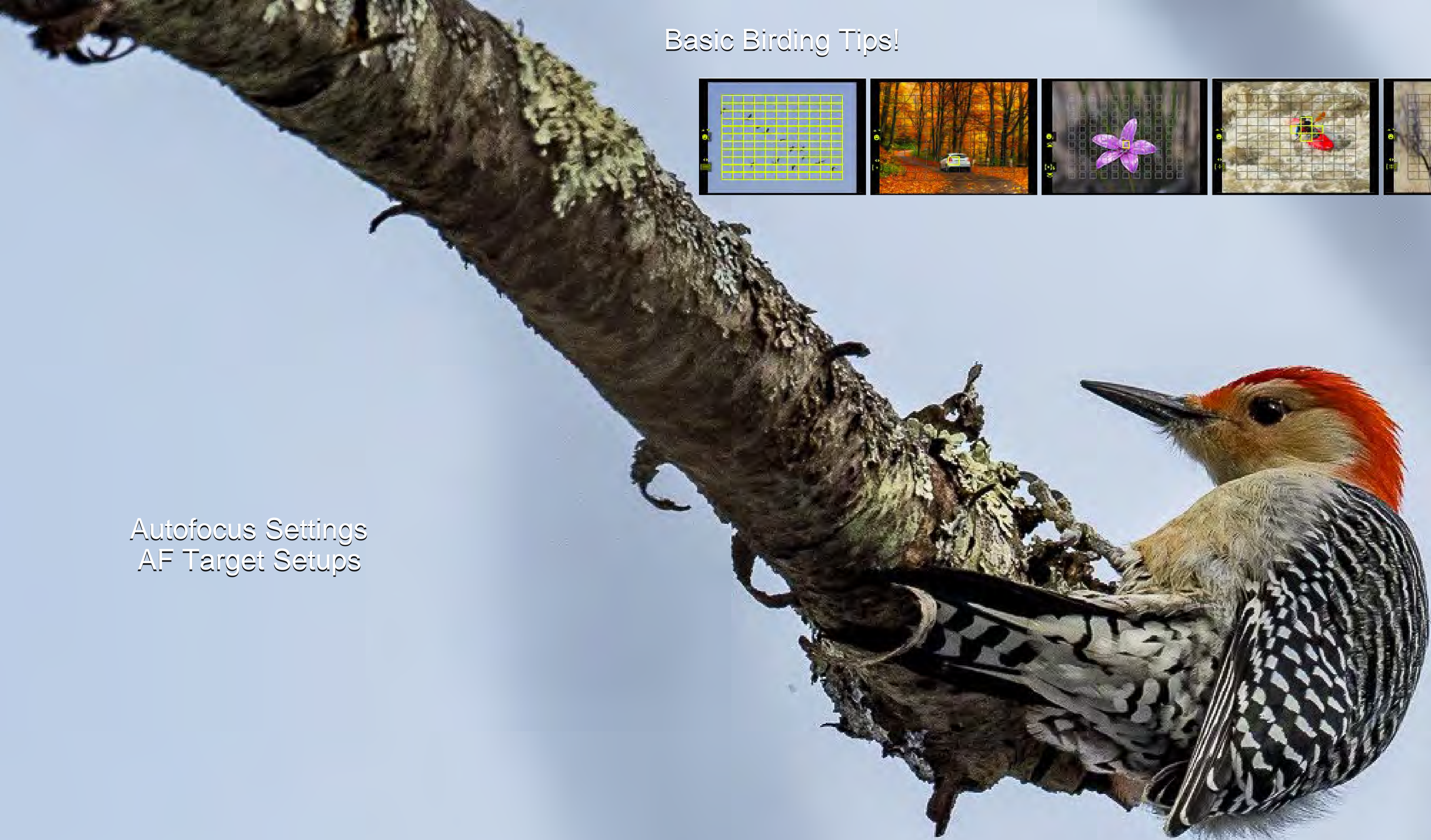
Back **MENU** Set **OK**



# Basic Birding Tips!



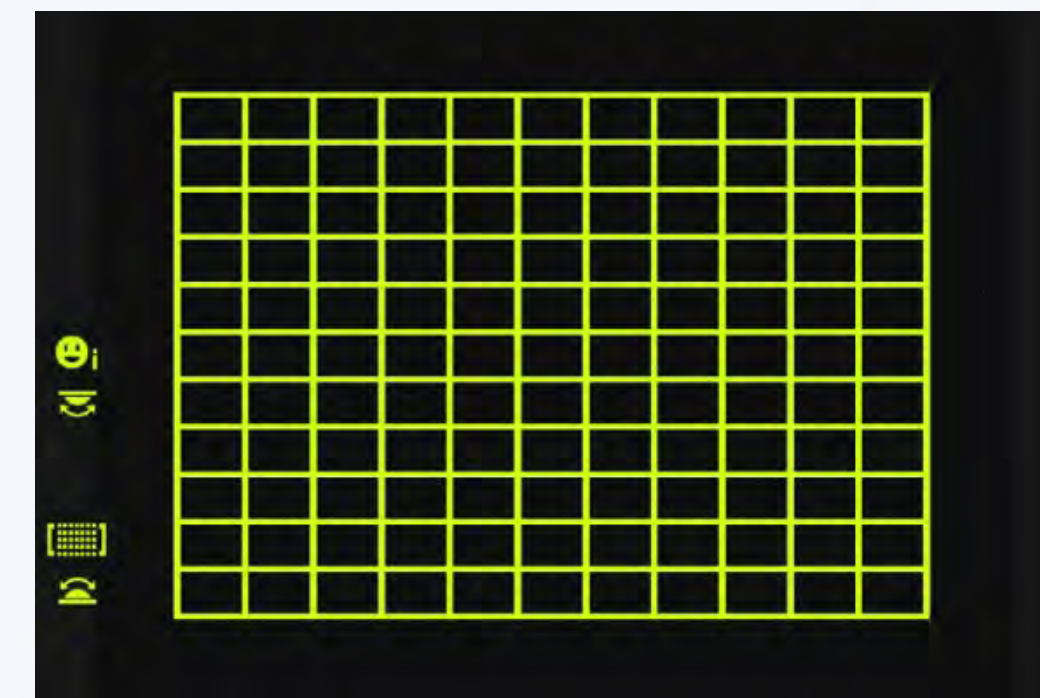
Autofocus Settings  
AF Target Setups



# Basic Birding Tips!



## Autofocus Settings AF Target Setups



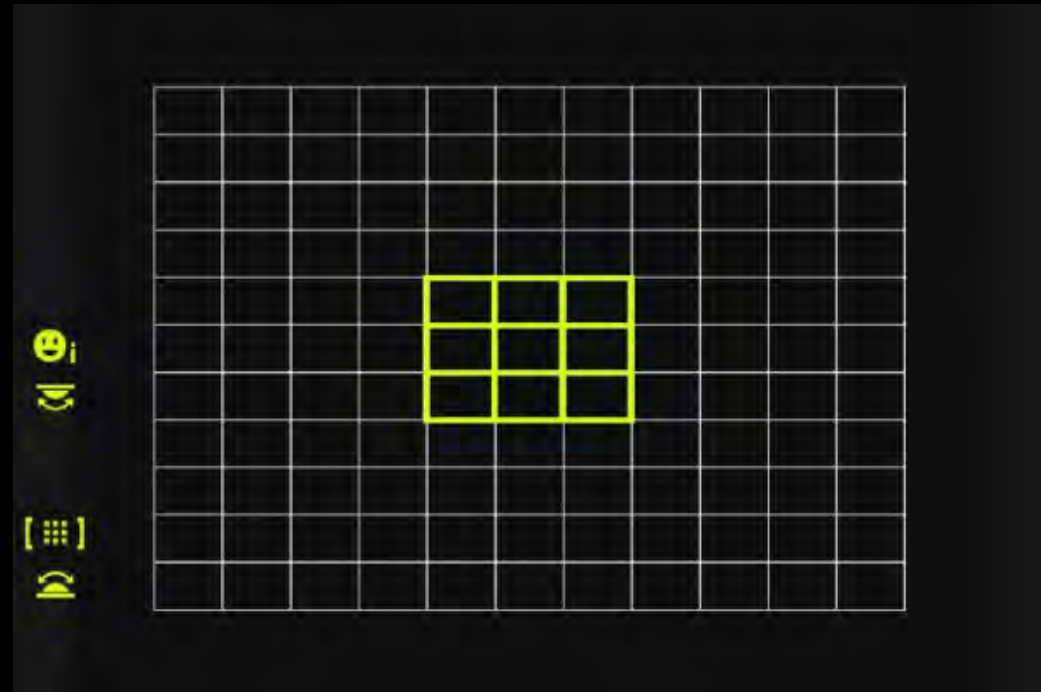
### All target

Great to use when subject is moving throughout the entire scene.

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# Basic Birding Tips!

Autofocus Settings  
AF Target Setups



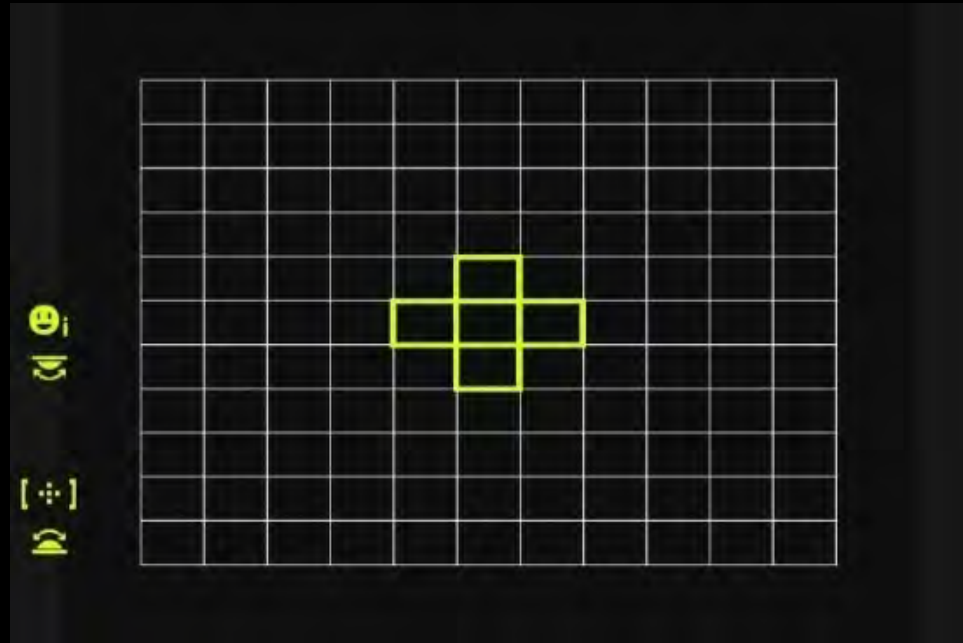
Group target (9 points)

Moving subjects



# Basic Birding Tips!

Autofocus Settings  
AF Target Setups



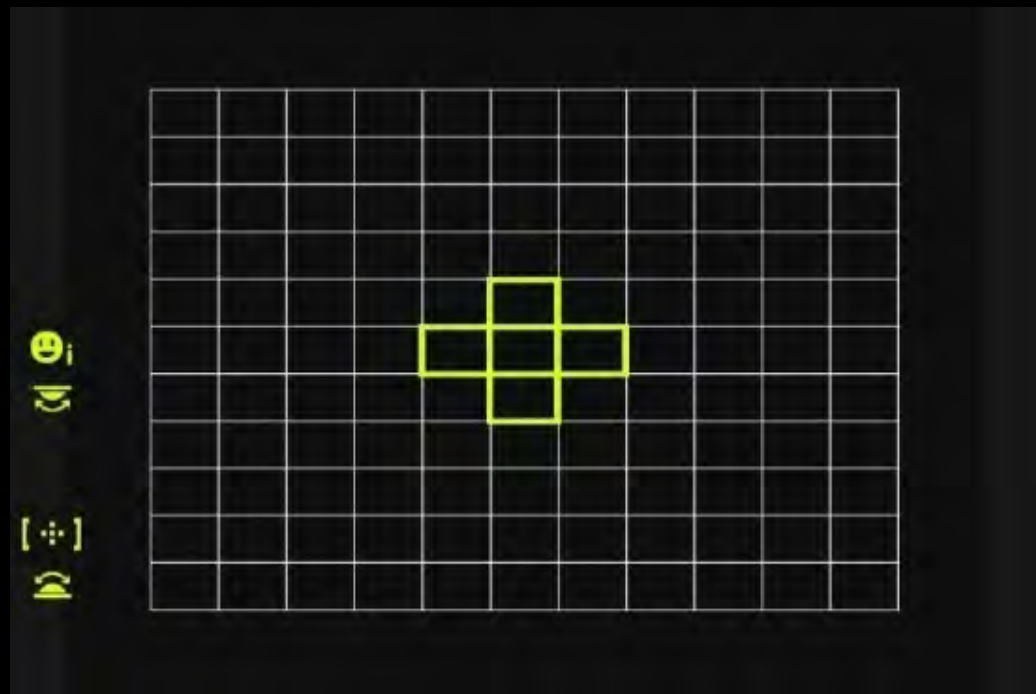
Group target (5 points)

Moving subjects



# Basic Birding Tips!

Autofocus Settings  
AF Target Setups



Group target (5 points)

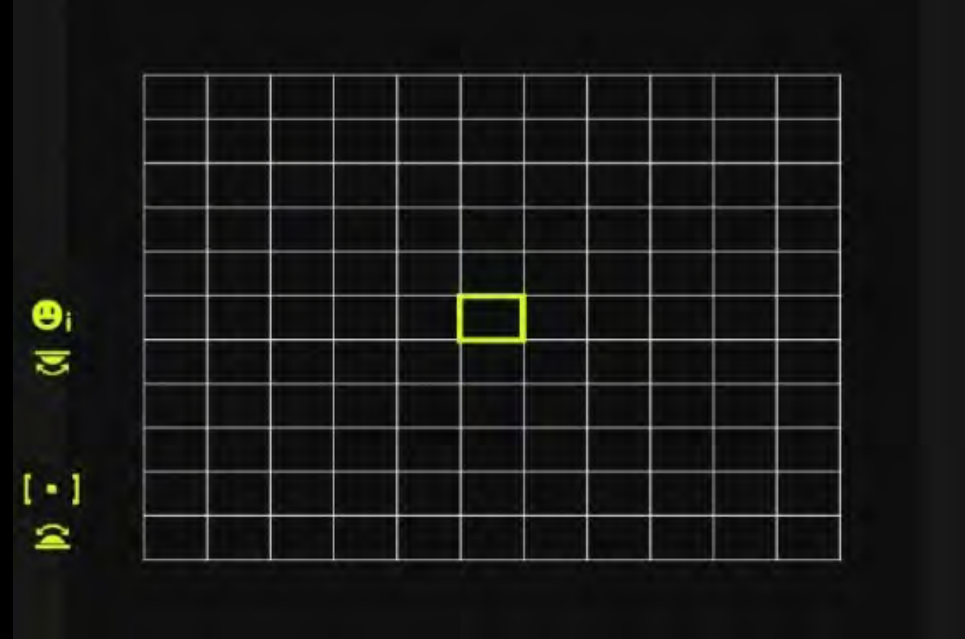
Moving subjects

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Basic Birding Tips!  
Autofocus Settings  
AF Target Setups

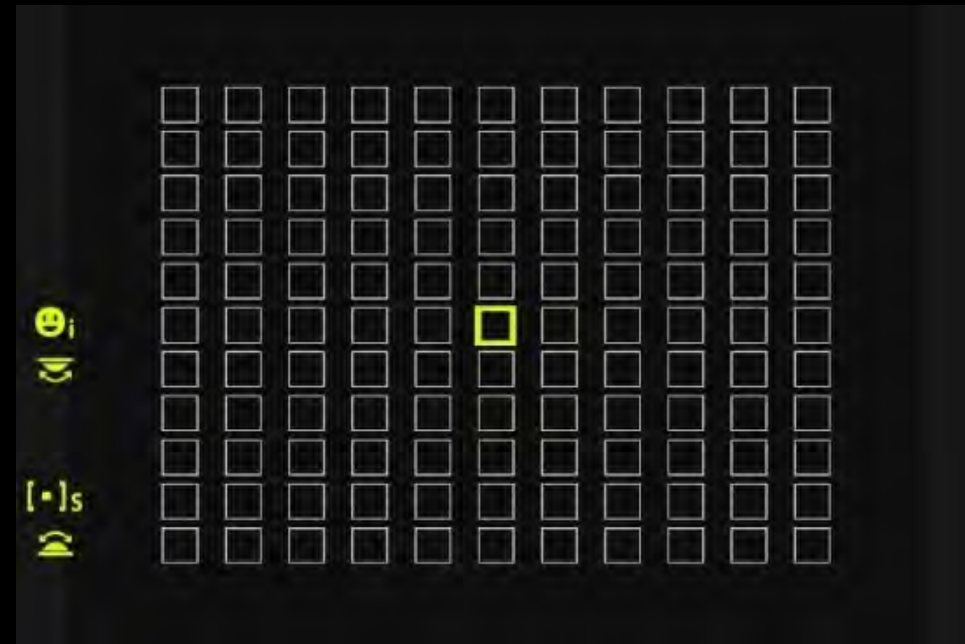


Single target

Shooting small and still subjects



Basic Birding Tips!  
Autofocus Settings  
AF Target Setups



Small target

Shooting small subjects and macro photo

