

Does that  
camera take  
good pictures?

# *Tips for Taking Better Pictures*





Does that  
camera take  
good pictures?





# Recipe for good/great photographs:

- **Subject**

- **Lighting**

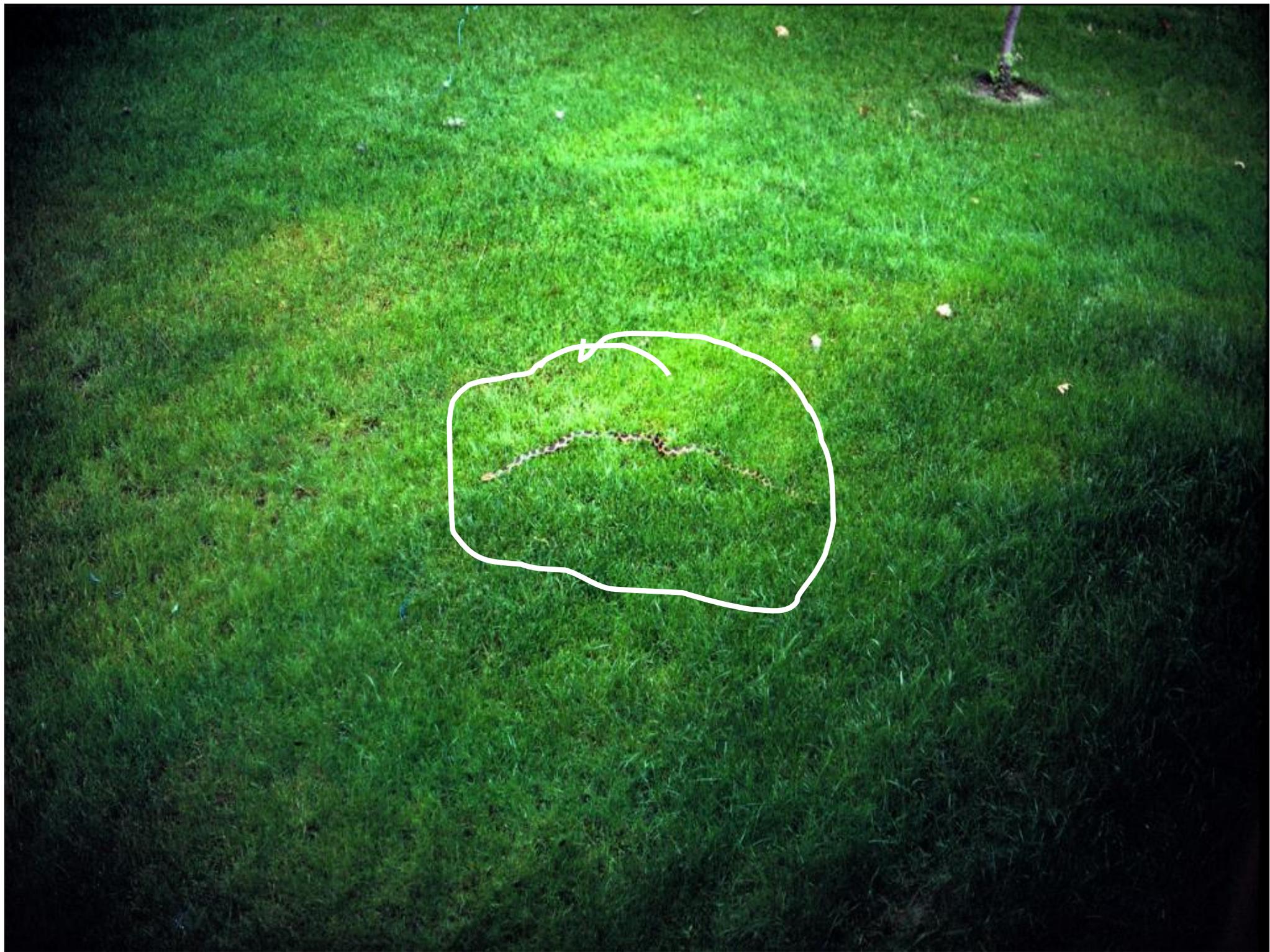
- **Composition**

# Choose your subject

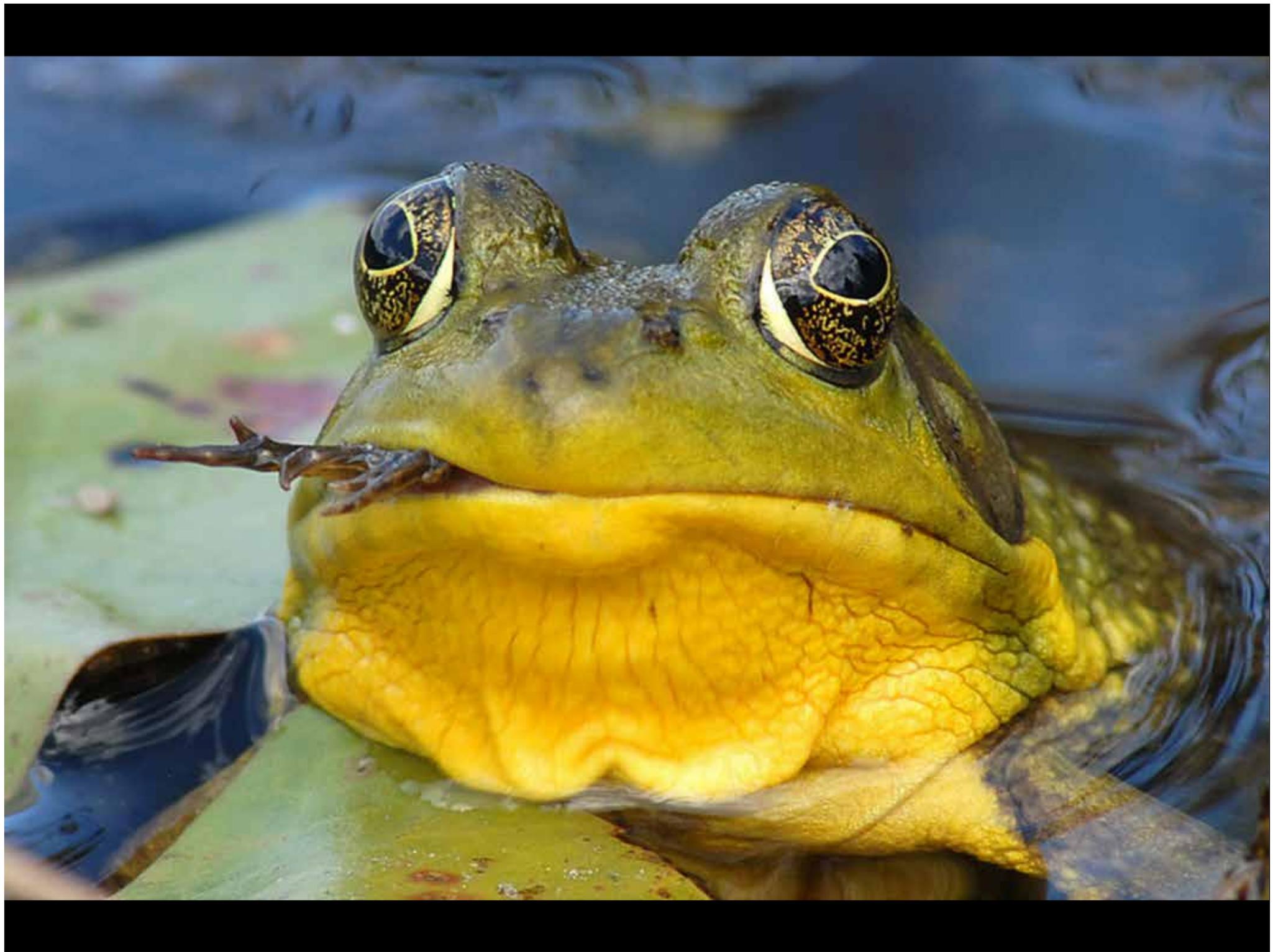
- **Simplicity**
- **Make it obvious**
- **Move in close**
- **Watch the background**

A photograph of a lake with a forested shoreline and a cloudy sky. The text "Subject? Purpose? Static vs. dynamic?" is overlaid on the water.

**Subject?  
Purpose?  
Static vs. dynamic?**



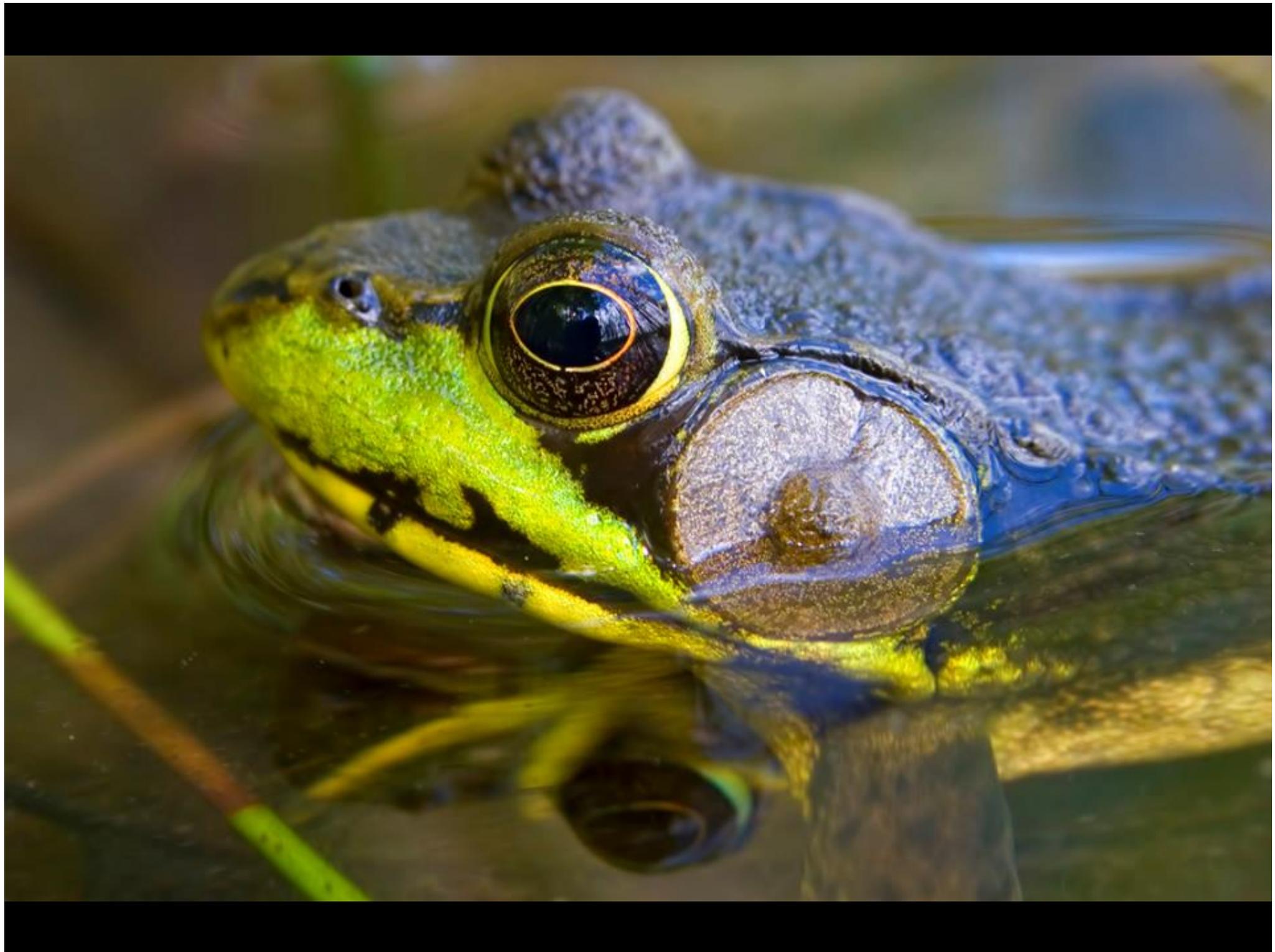










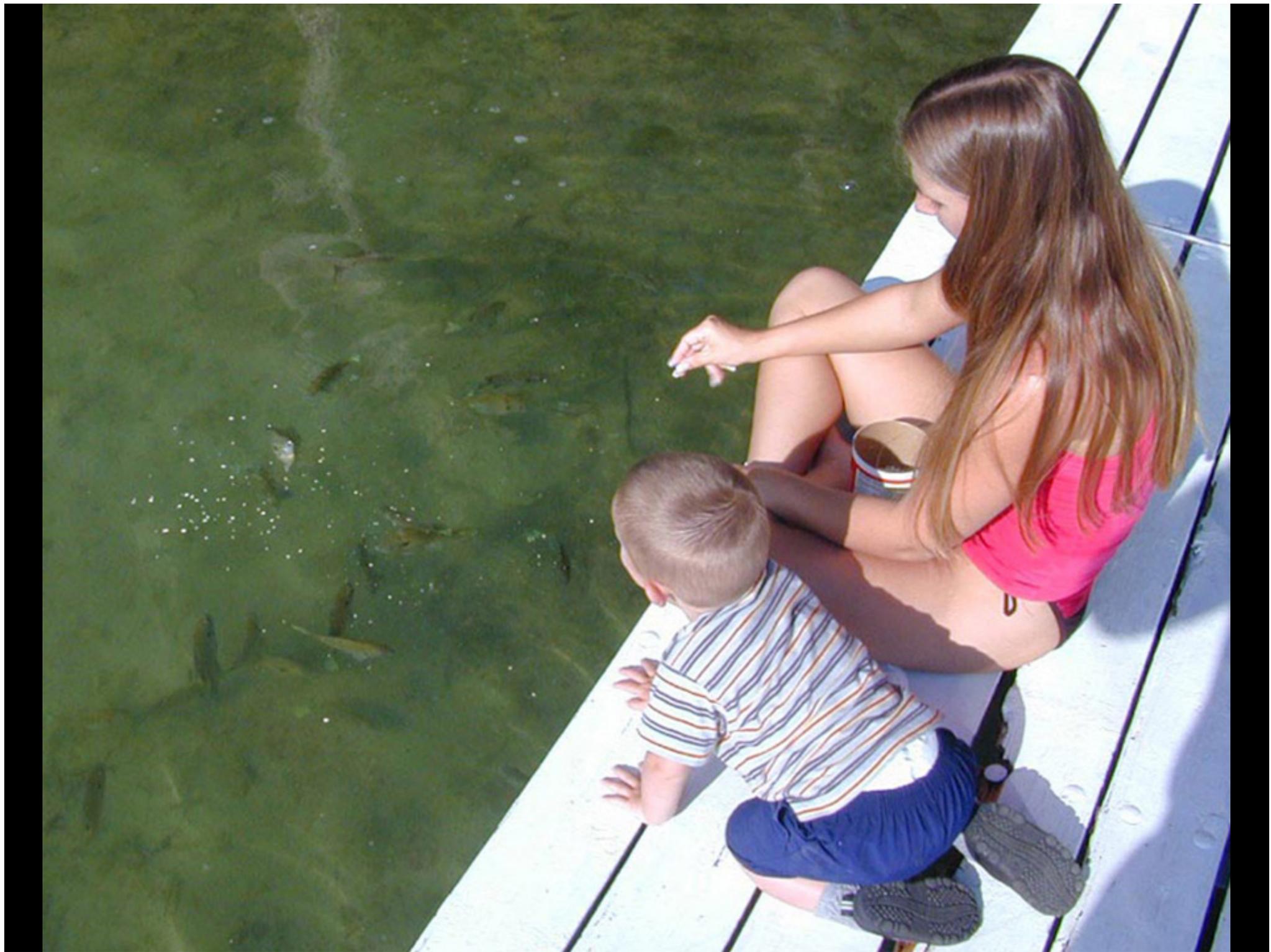


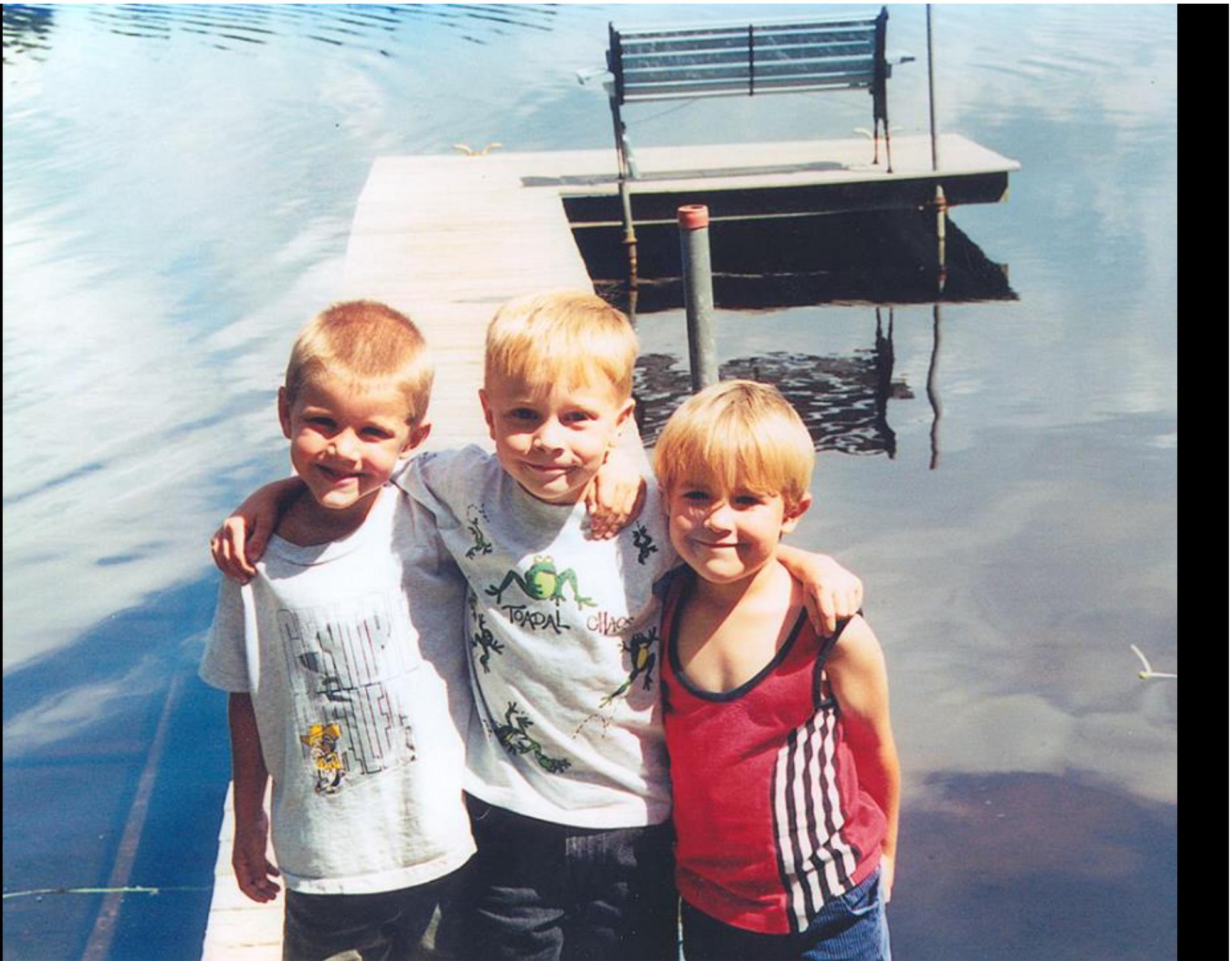






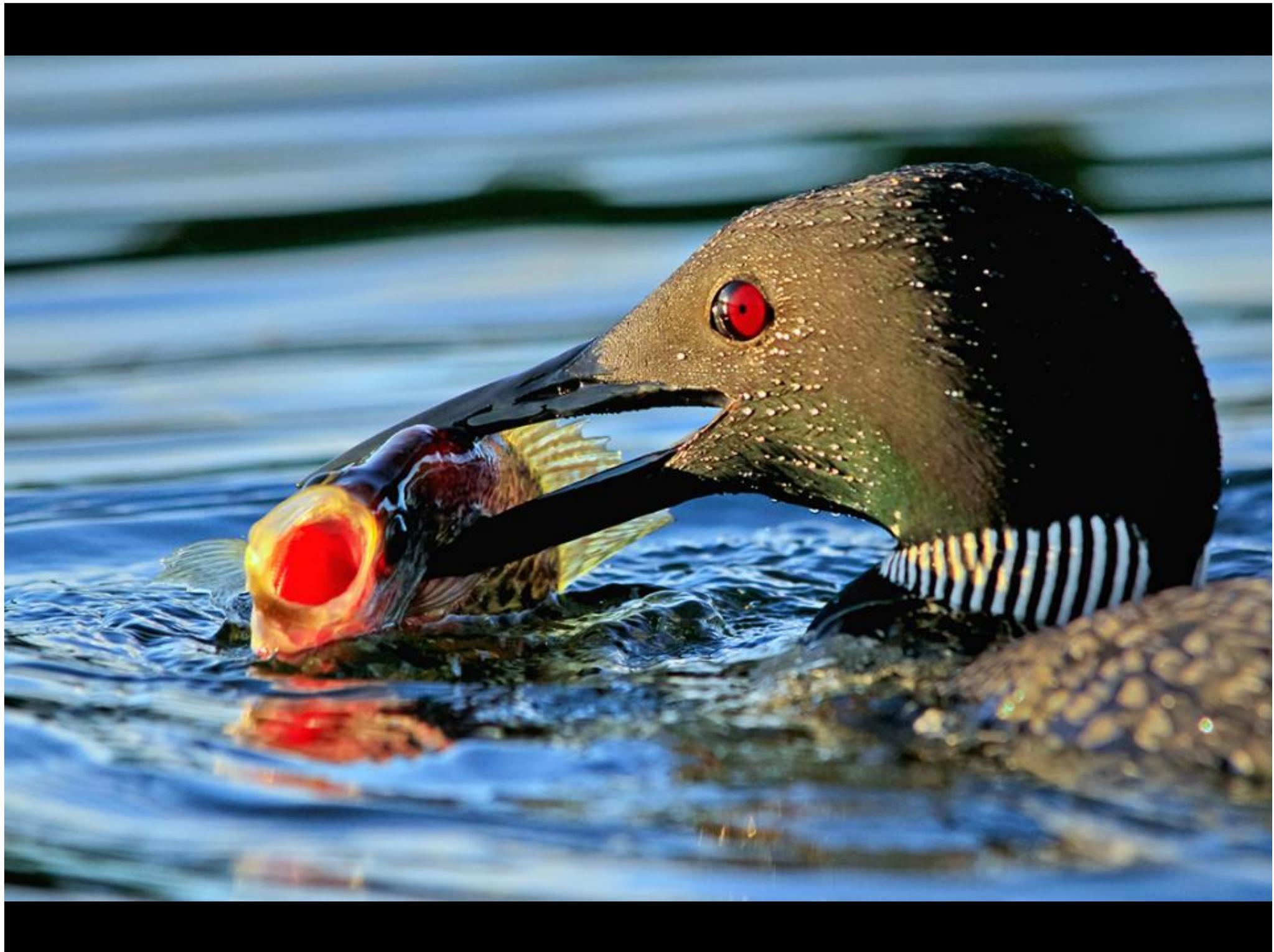




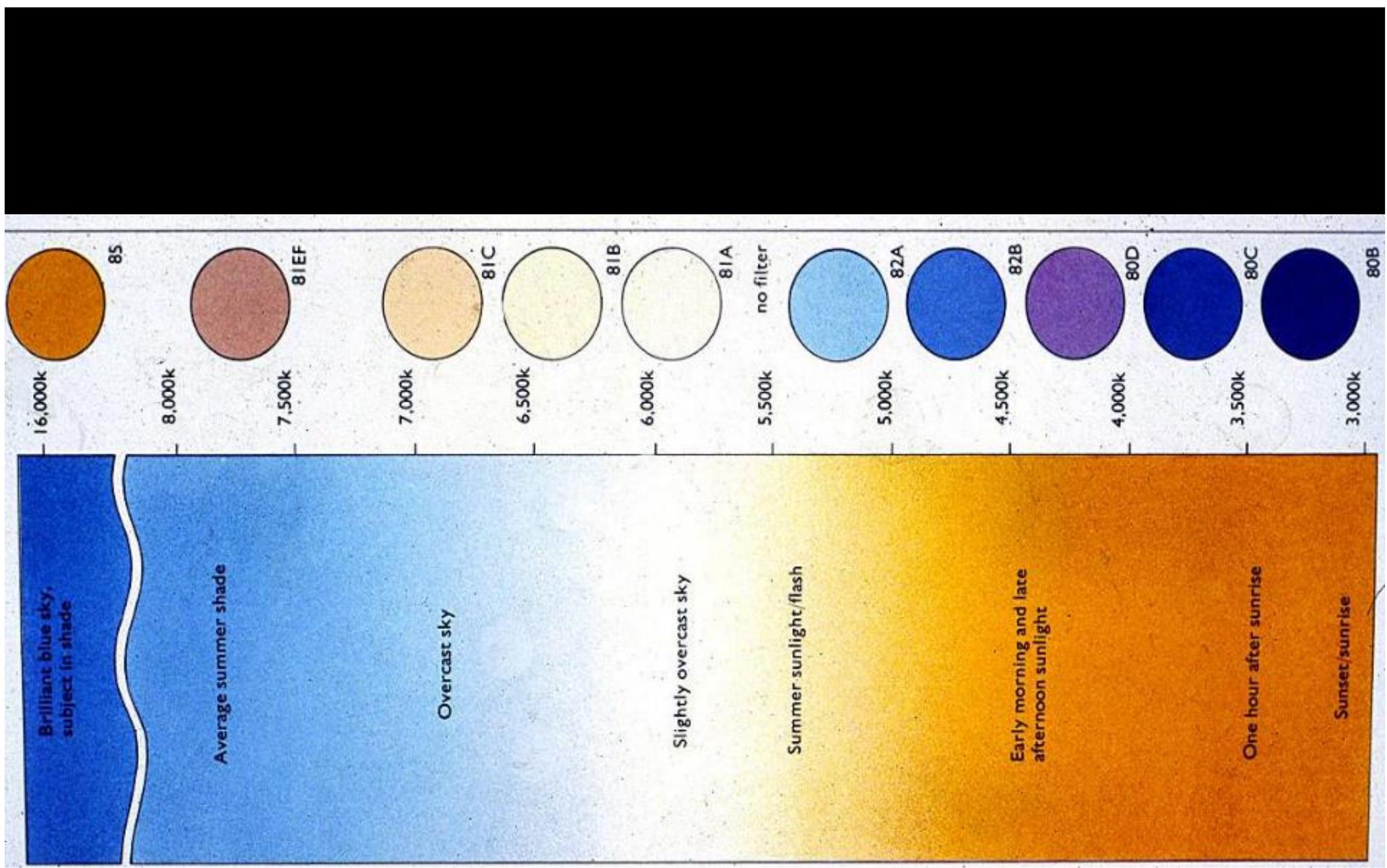




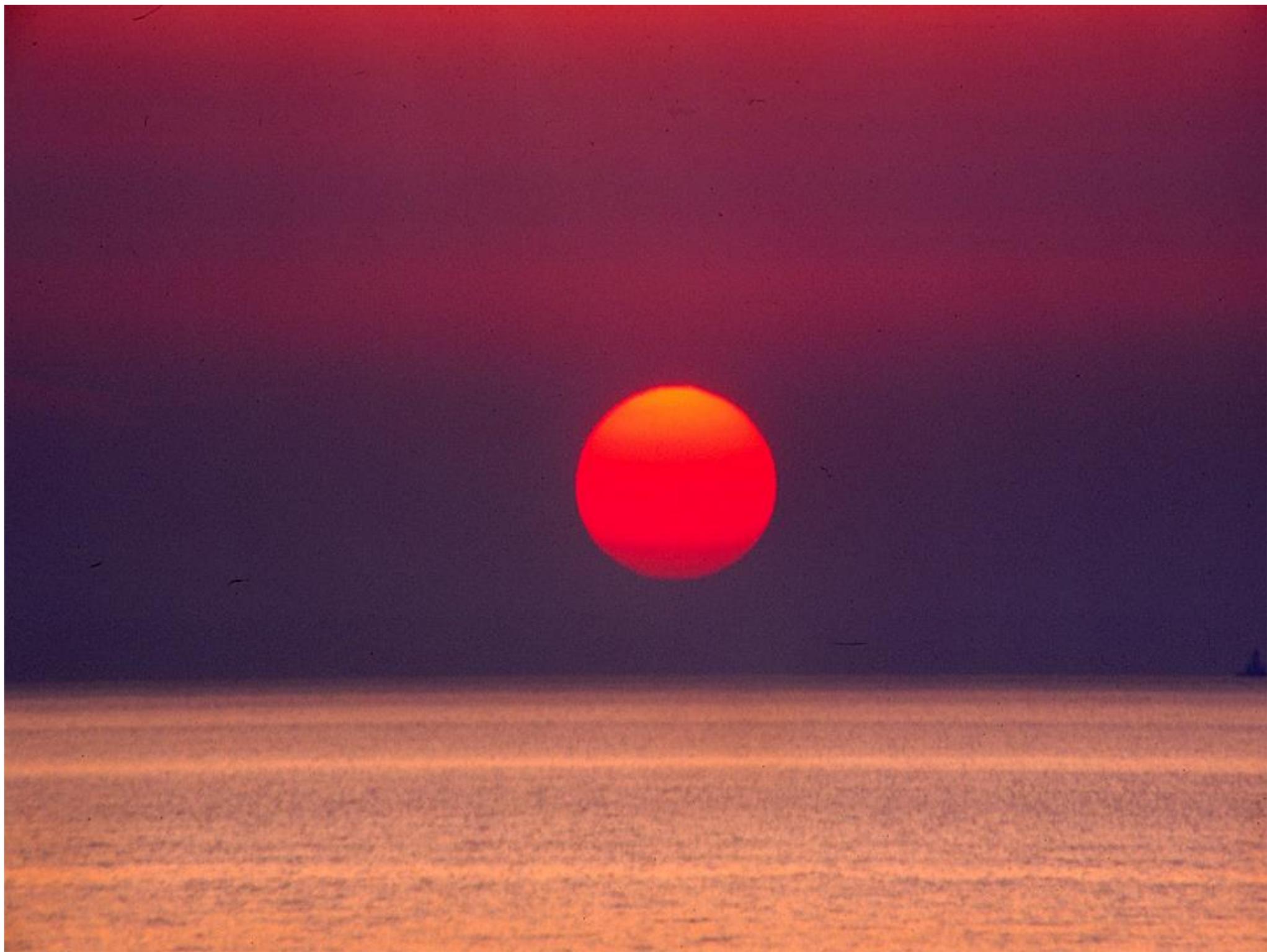








# Color temperature of light









M-Fn

WB AF DRIVE ISO

The LCD display shows the following information:

- Aperture: 7.1
- Shutter Speed: 326
- Mode: M
- Format: RAW
- AI FOCUS
- ISO: 400
- Exposure Compensation: -3..2..1..0..1..2..3

AF-ON



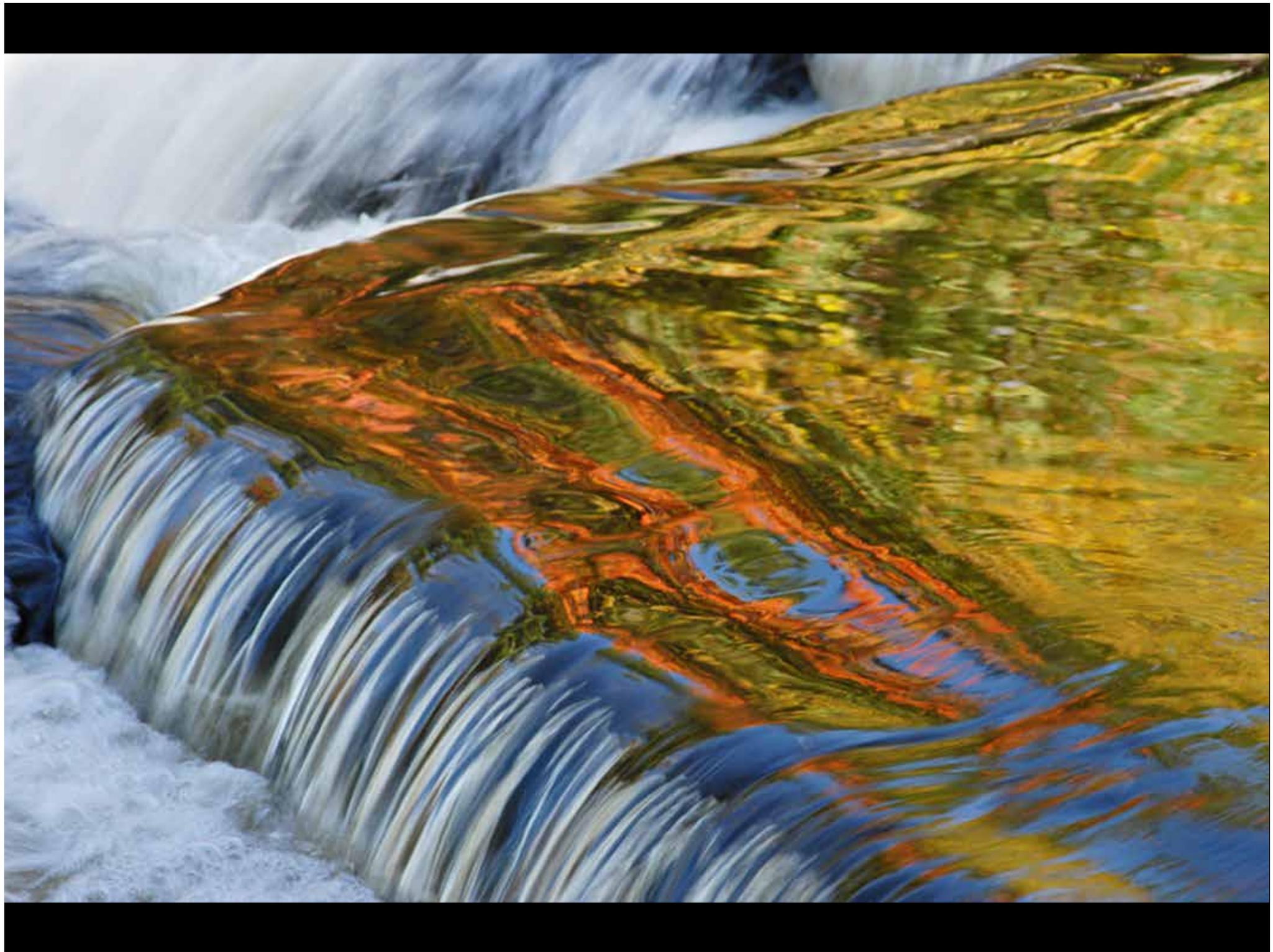
START





Automatic white balance













**Low contrast lighting**



















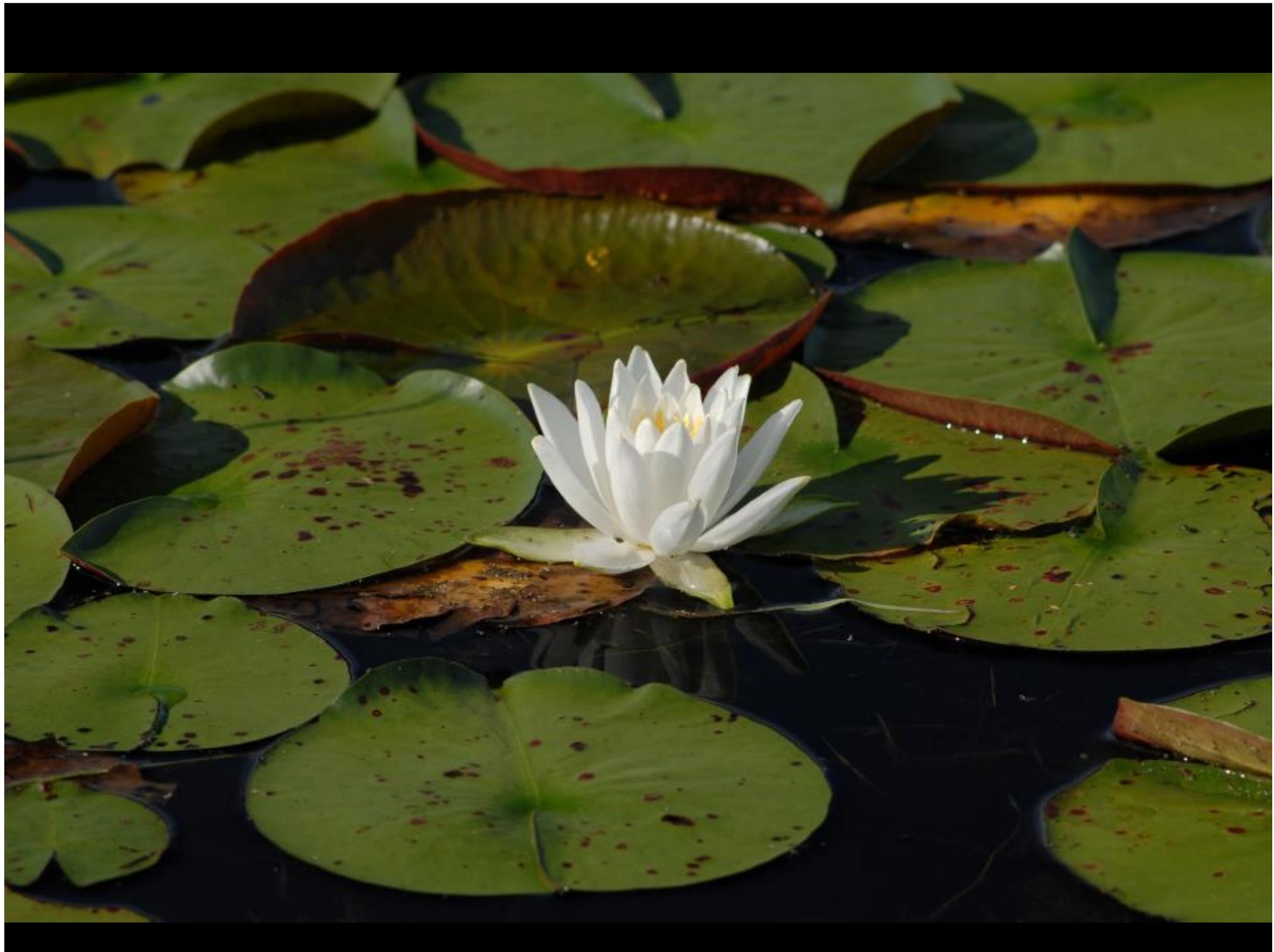
















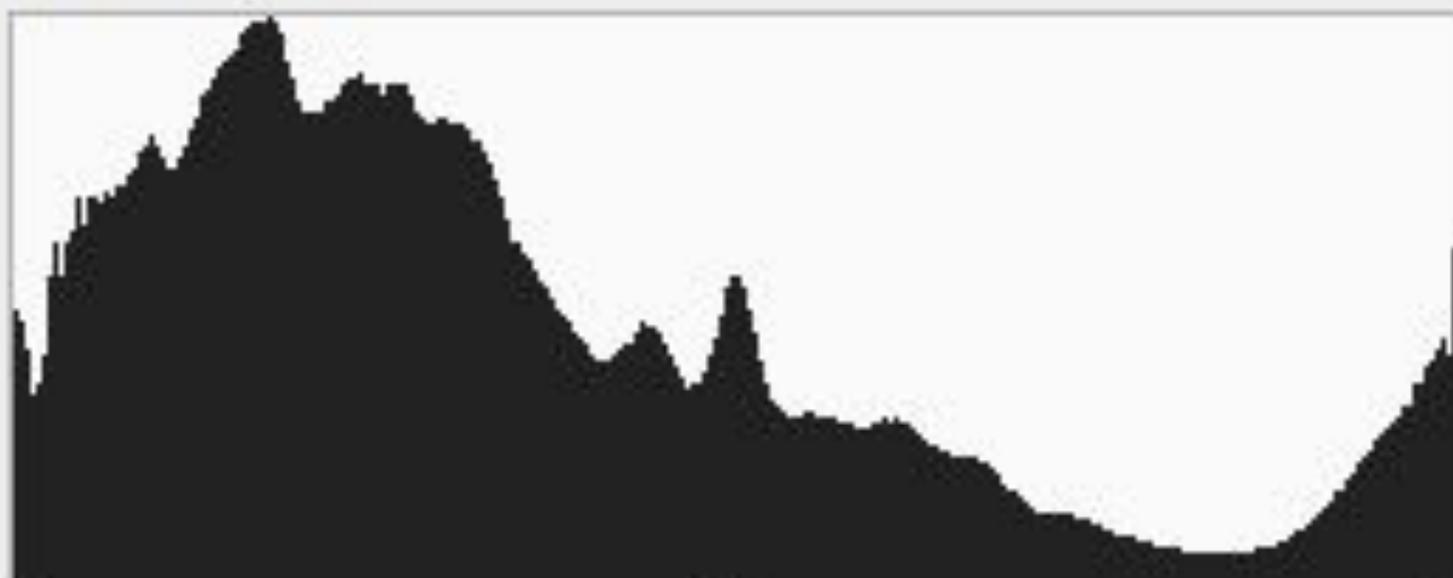






Channel: RGB

Input Levels:



0

1.00

255

Output Levels:





Channel: RGB

Input Levels:



0

1.00

255

Output Levels:





Channel: RGB

Input Levels:



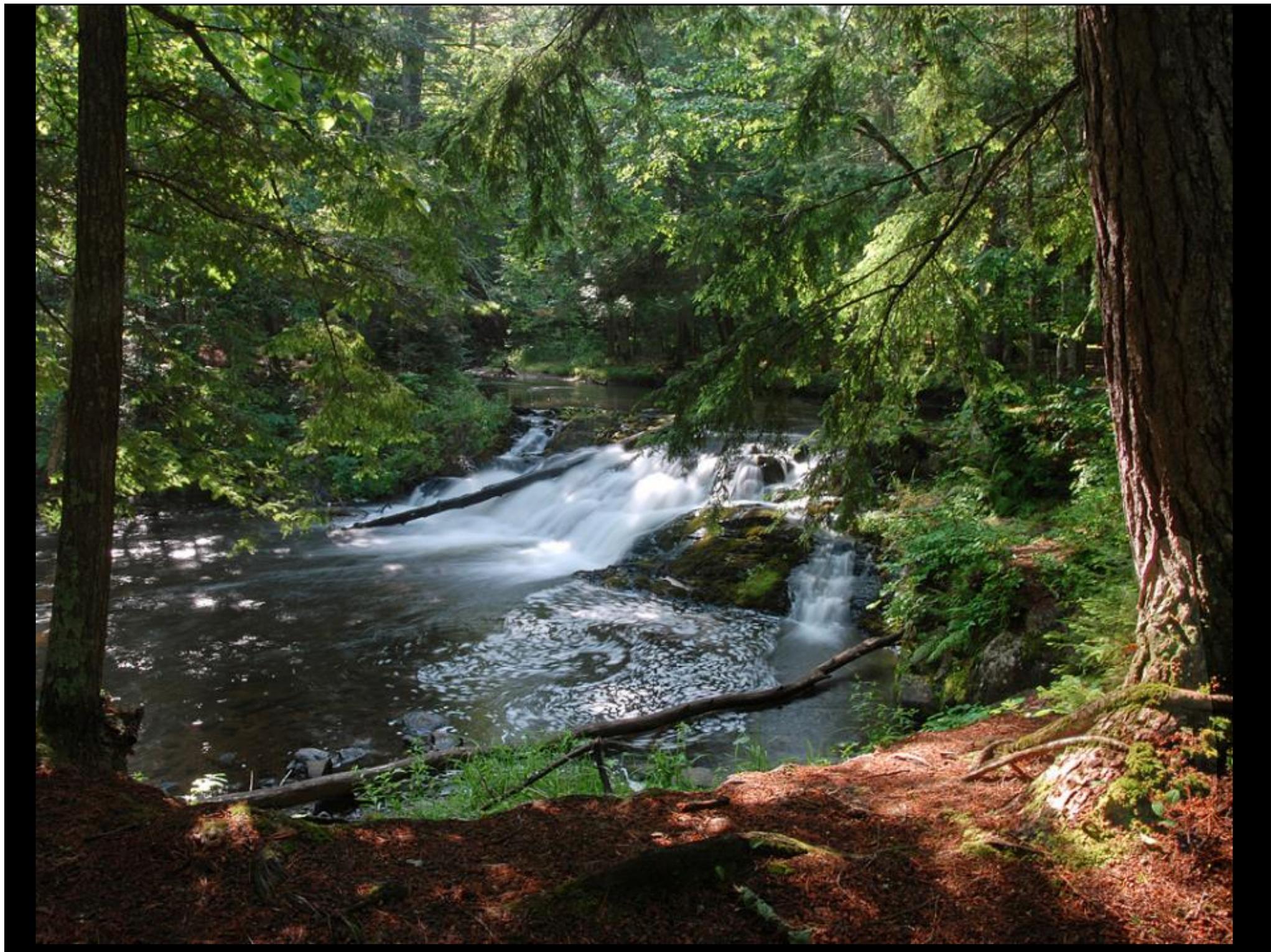
0

1.00

255

Output Levels:





Channel: RGB

Input Levels:

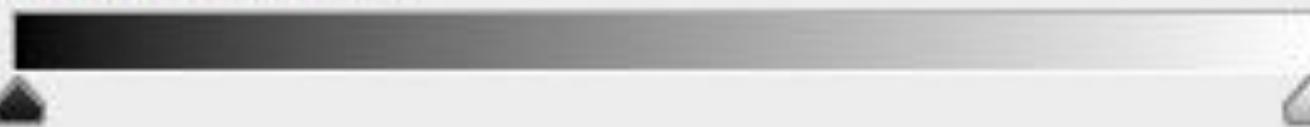


0

1.00

255

Output Levels:



Cancel

Auto

Options...



Preview



1/200 9.0 100-4909 CF

Canon

OFF ON



RAW  
JPEG



START  
STOP

AF-1

MENU



INFO.

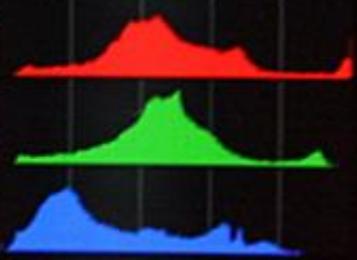


1/200 9.0

100-4909 [CF]



R  
G  
B



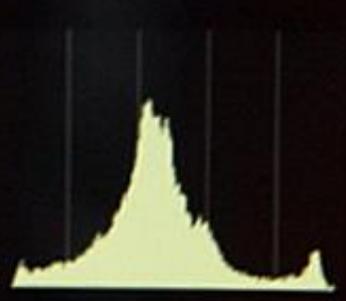
Av [Aperture icon]



RAW+ [RAW icon]

5.62MB

220/224



LOCK

Canon



**Live view with live histogram!**

# How many megapixels?

▪ 1.3 mp = 5 x 7

▪ 2.0 mp = 8 x 10

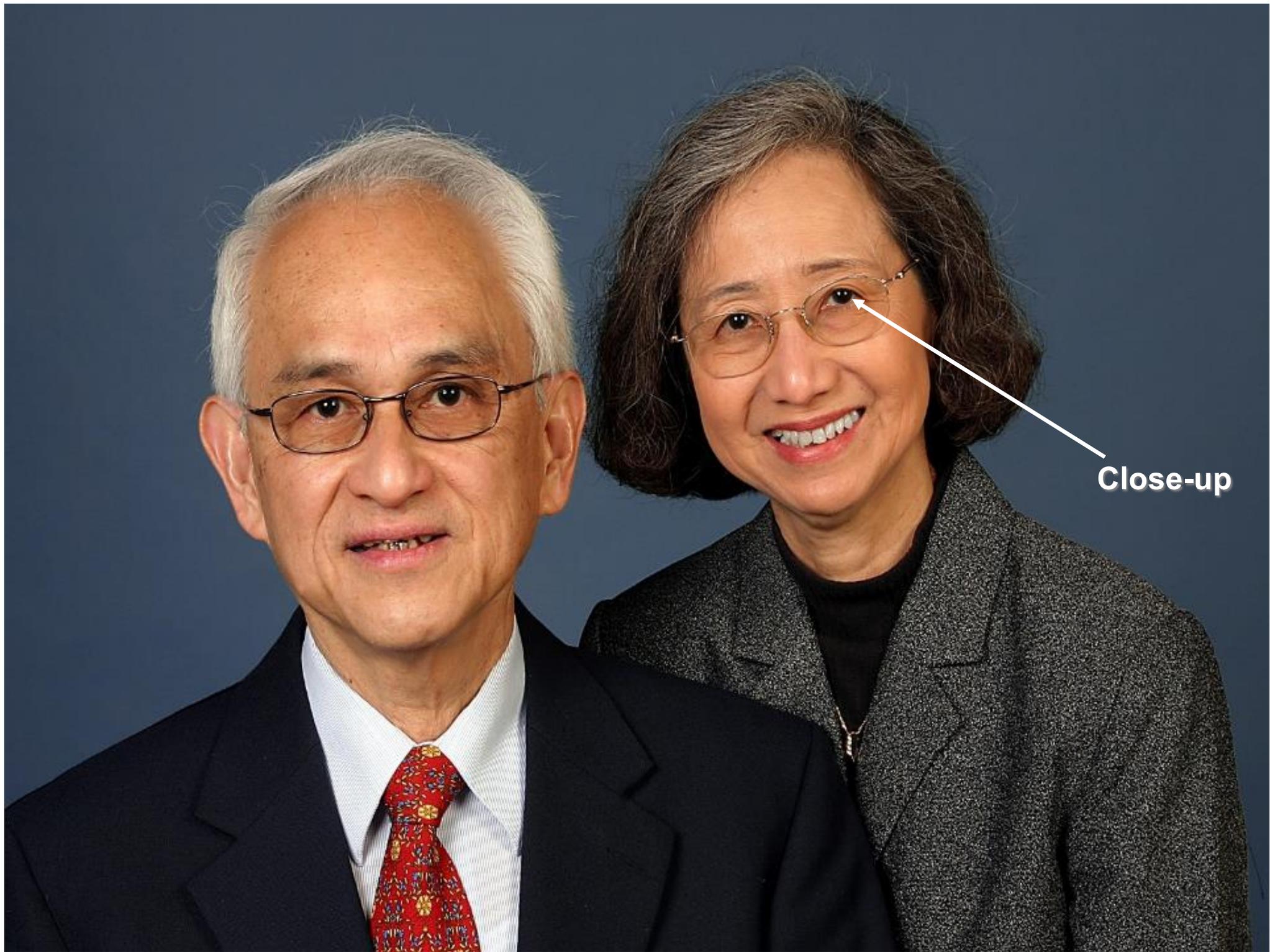
▪ 3.0 mp = 11 x 14

▪ 4-5 mp = 16 x 20

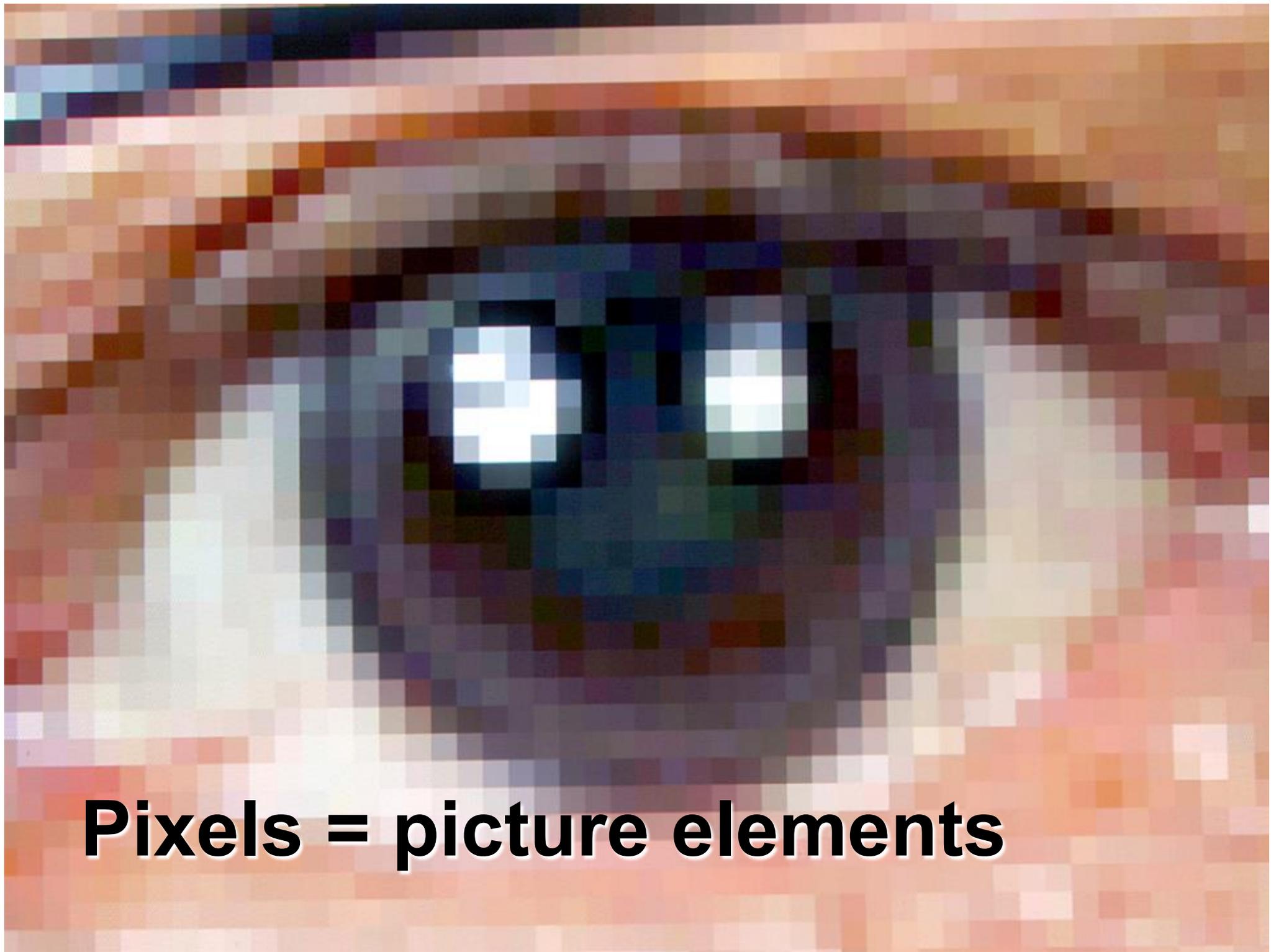
▪ 6-8 mp = 20 x 30

▪ 13-14 mp = 30 x 40

▪ 17-22 mp = 120 film resolution



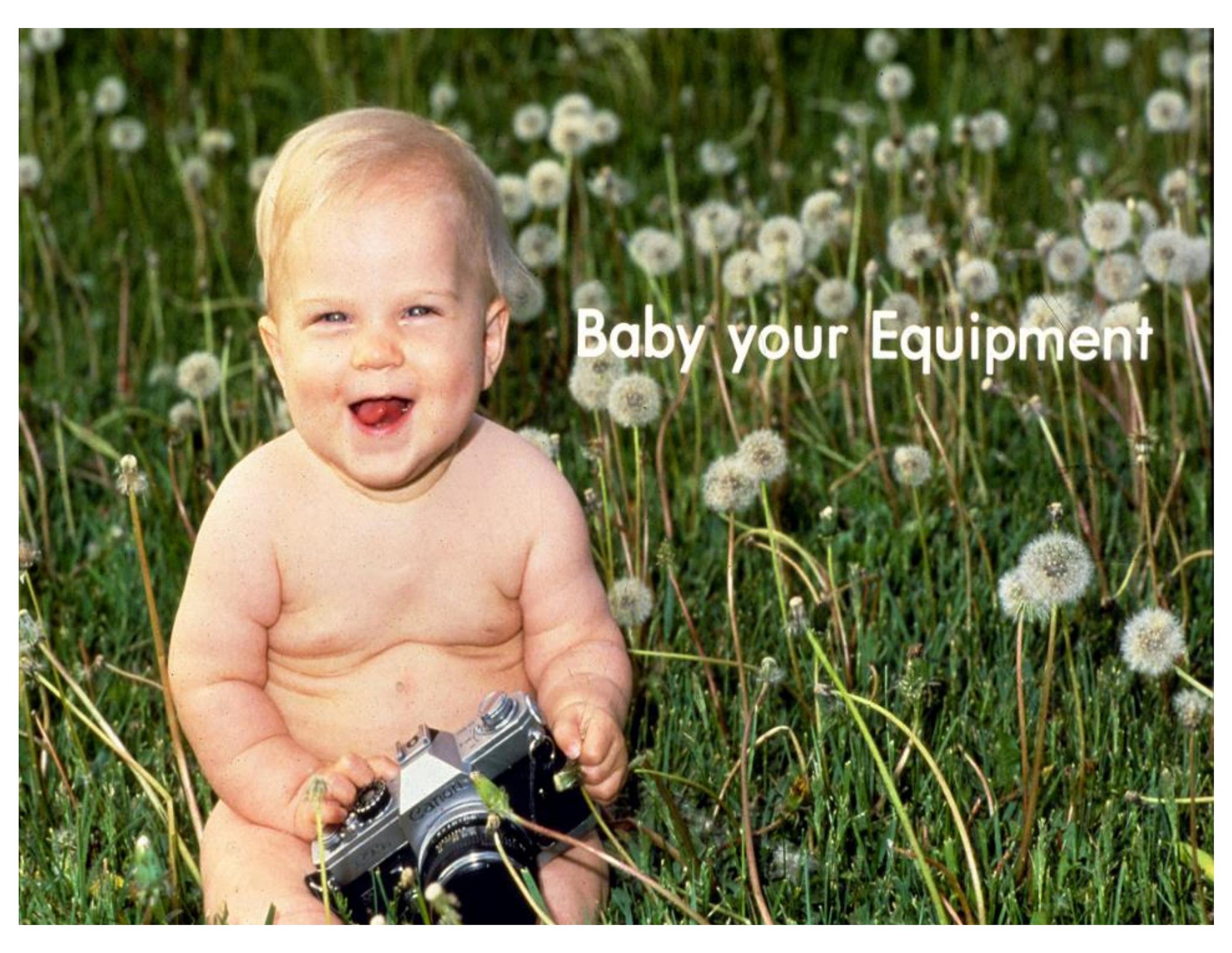
**Close-up**



**Pixels = picture elements**

# Maximize Image Quality

- Use slowest ISO e.g. 100
- Set camera for RAW, highest quality JPEG, or RAW + JPEG
- Stabilize the camera
- Optical zoom yes – digital zoom no

A photograph of a baby sitting in a field of dandelions, holding a camera. The baby is smiling and looking towards the camera. The background is a dense field of green grass and white dandelion heads. The text "Baby your Equipment" is overlaid on the right side of the image.

Baby your Equipment

**Point & shoot camera**



**70-200mm f/2.8L IS lens (\$1700)**

**Single-lens-reflex (SLR) –style camera**



# SLR Interchangeable Lenses





1/8 second



1/30 second





A high-speed photograph of a waterfall, showing the water in mid-air as it falls over rocks. The water is captured in a way that highlights individual droplets and the texture of the spray. The background is dark, suggesting a forest or shaded area. The overall scene is dynamic and energetic.

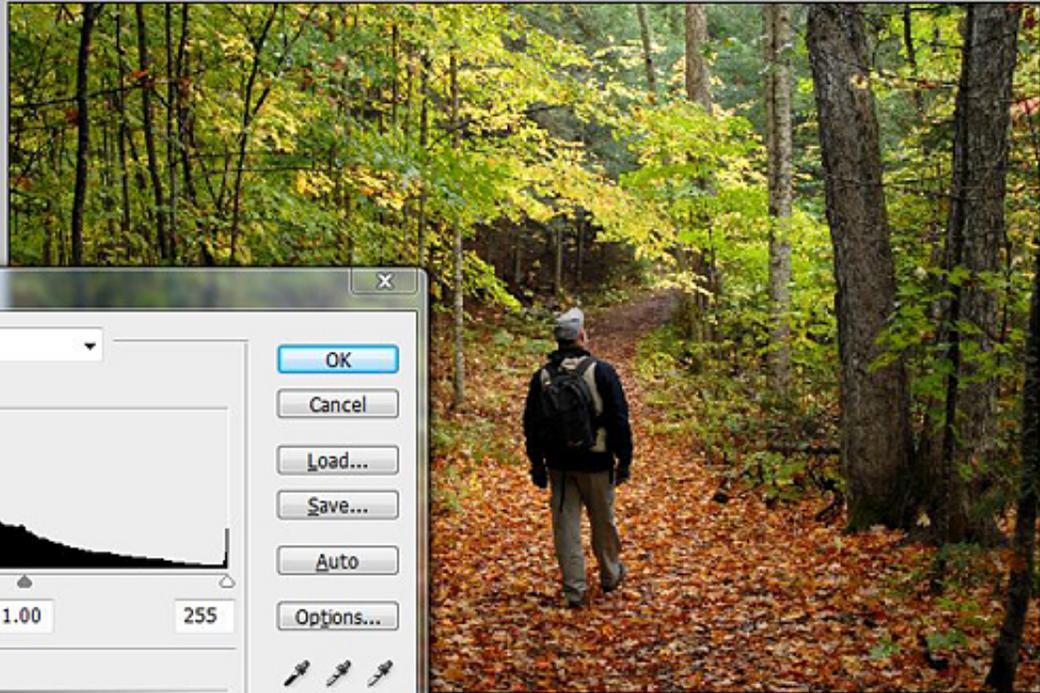
**1/1000 second**



**1 second**

Sample Size: Point Sample

Workspace



Levels

Channel: RGB

Input Levels:

0 1.00 255

Output Levels:

0 255

OK Cancel Load... Save... Auto Options... Preview

Layers Channels

Normal Opacity: 100%

Lock: Fill: 100%

Background

History

DSC\_0285edited.jpg

Open

Color

R 113

G 109

B 110

▼ Navigator FIT FILL 1:1 3:1



▼ Presets +

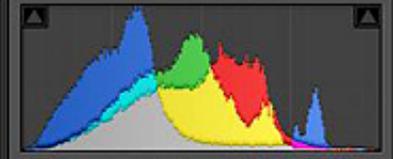
- ▶ Lightroom Presets
- ▶ User Presets

▶ Snapshots - +

▶ History ×



Histogram ▼



ISO 100 20 mm f/7.1 1/100 sec



Basic ▼

Treatment: Color Grayscale

WB: As Shot

Temp: 4950

Tint: -3

Tone Auto

Exposure: 0.00

Recovery: 0

Fill Light: 0

Blacks: 5

Brightness: +50

Contrast: +25

Presence

Clarity: 0

Vibrance: 0

Saturation: 0

Copy... Paste



Previous Reset

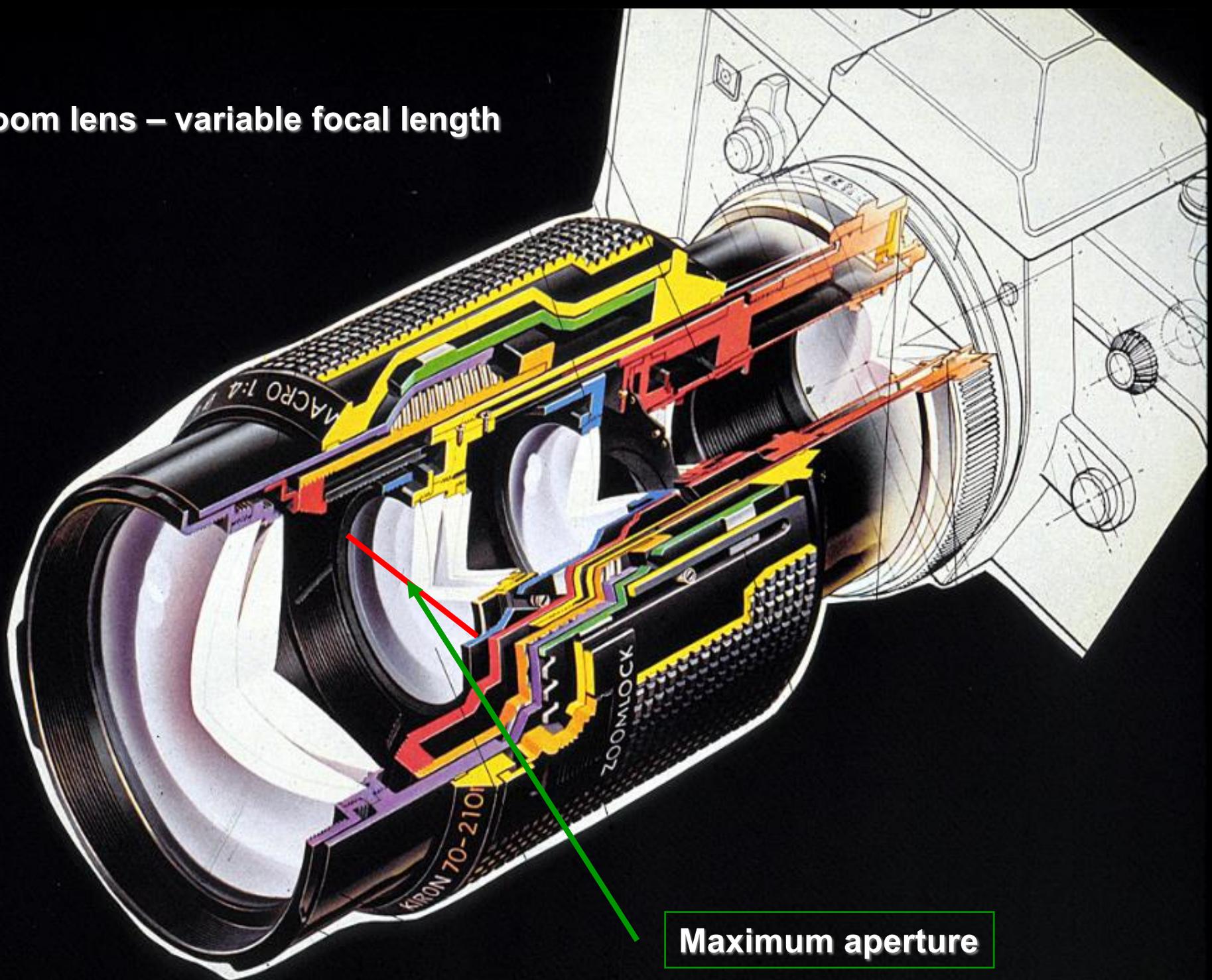






**composition**

# Zoom lens – variable focal length



Maximum aperture



24mm lens

A photograph of a mountain covered in autumn foliage, with a road in the foreground. The text "100mm lens" is overlaid in the bottom left corner. The mountain is covered in a dense forest of trees with vibrant autumn colors, including red, orange, yellow, and green. The sky is a clear, bright blue. The road in the foreground is paved and has a white line on the left and a double yellow line in the center. The overall scene is a beautiful autumn landscape.

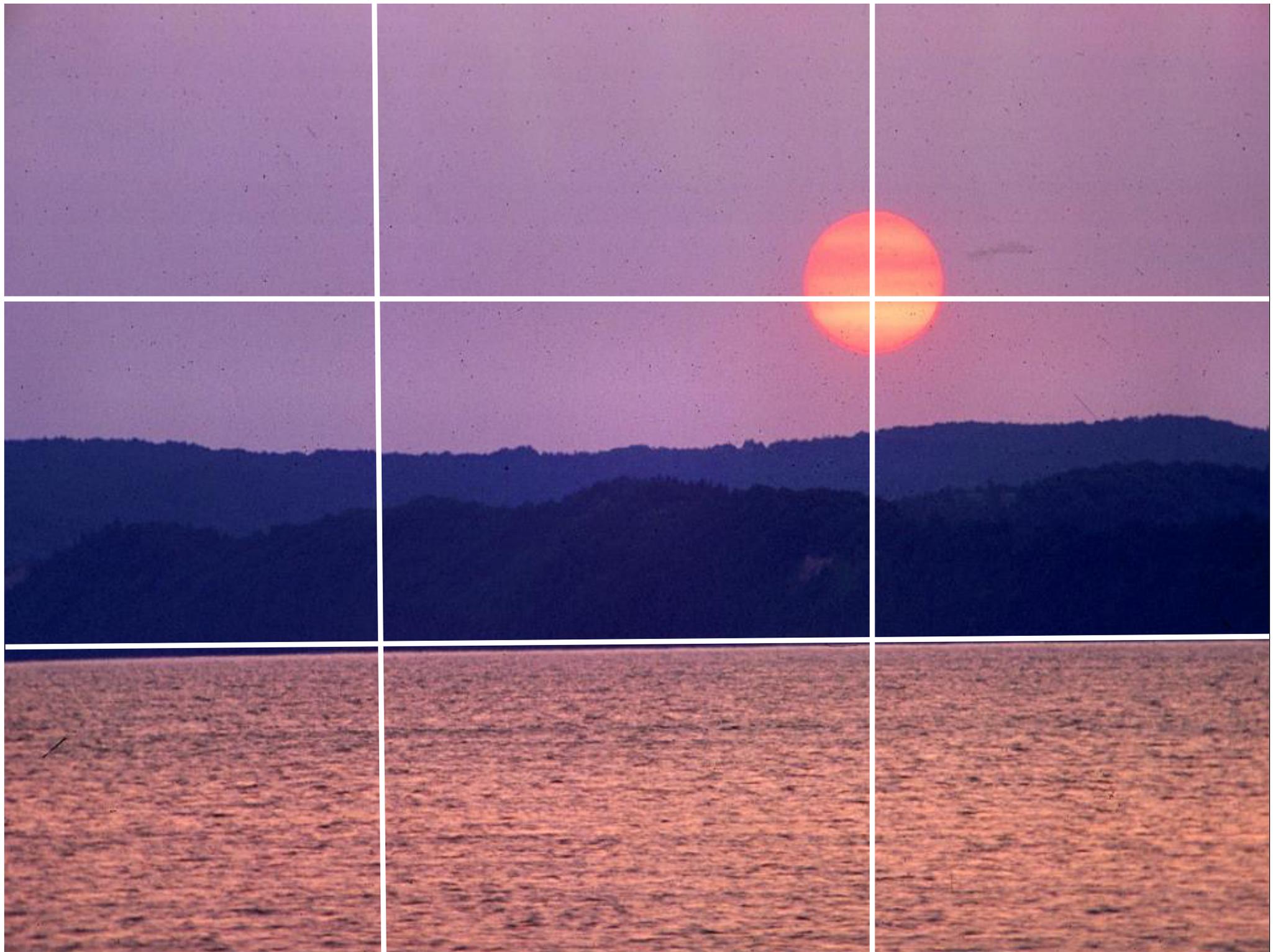
100mm lens

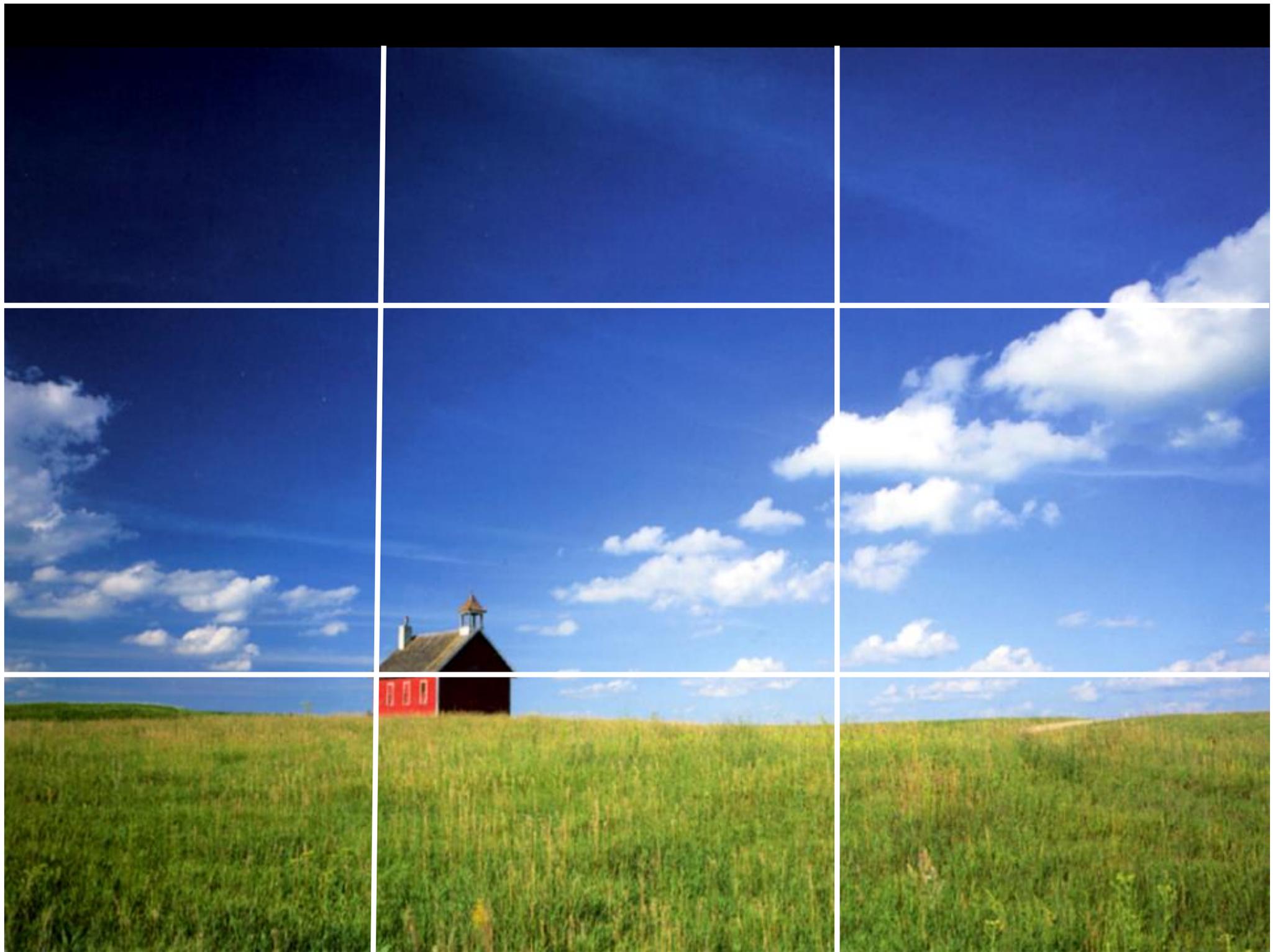
An aerial photograph of a forest during autumn. The trees are densely packed and show a variety of colors, including bright reds, oranges, yellows, and greens. The perspective is from a high angle, looking down on the forest canopy. The text "300mm lens" is overlaid in the bottom left corner.

**300mm lens**

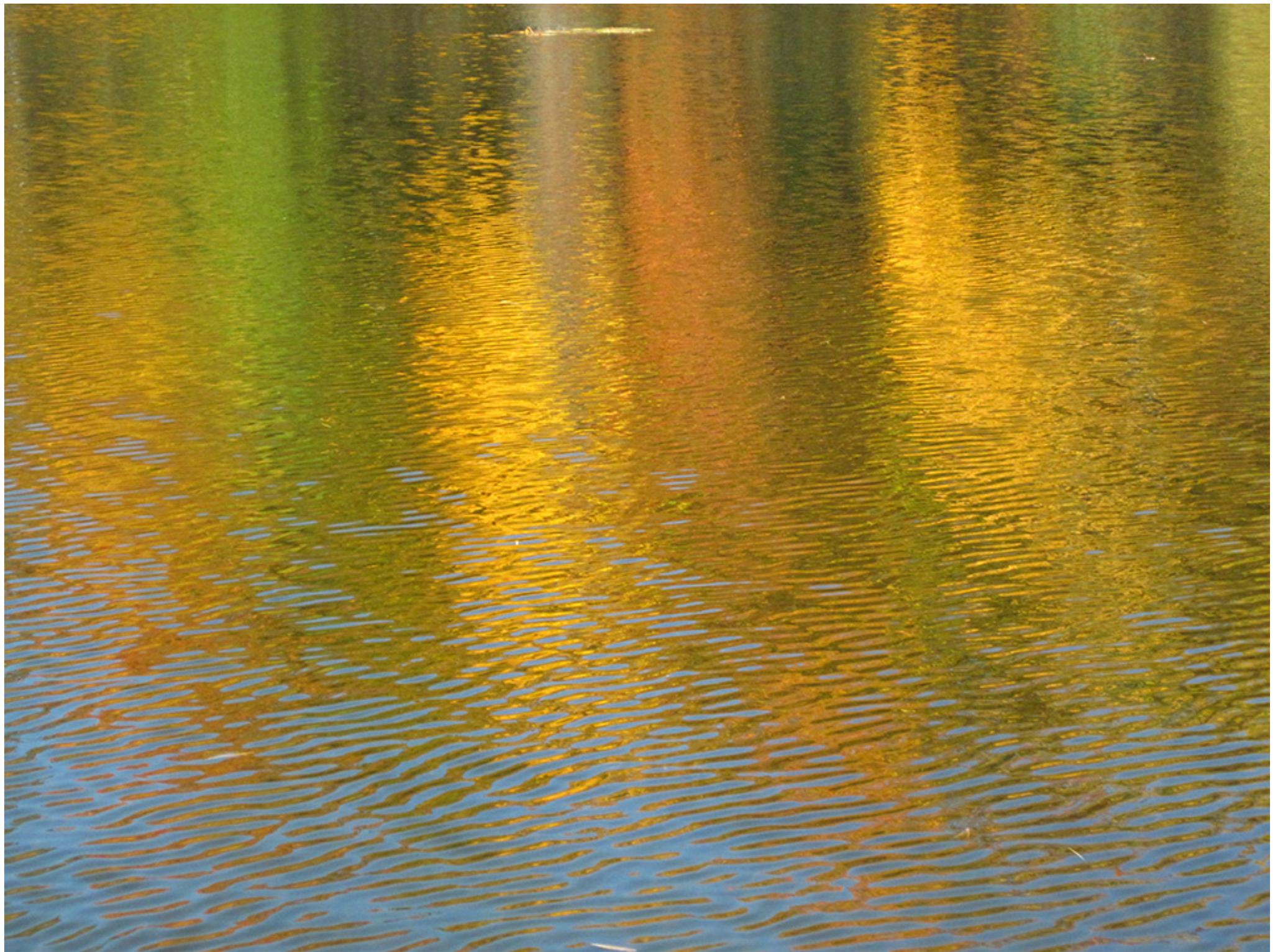


**“Rule of thirds”**







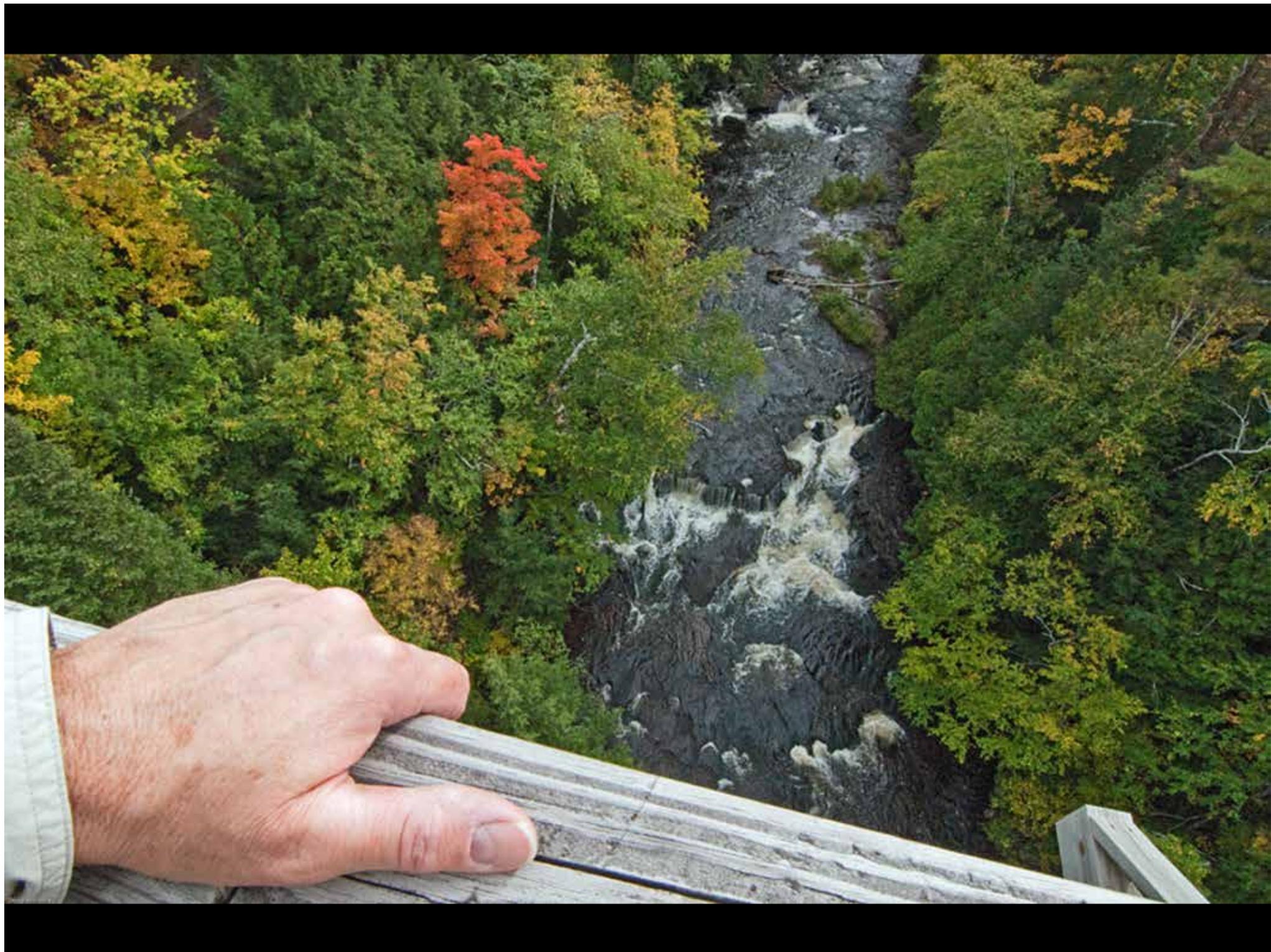


























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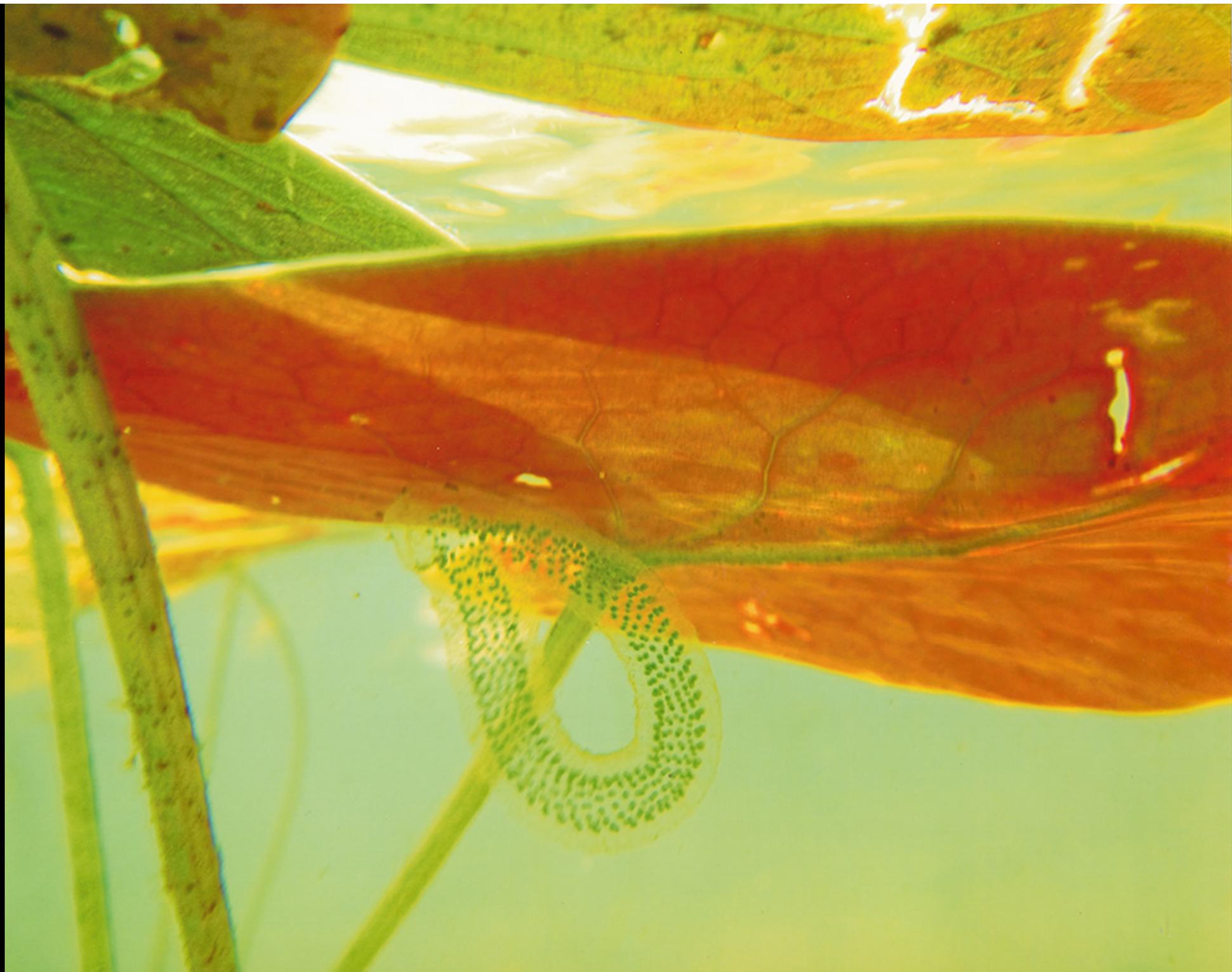
















**framing**













*The End*