



Macro Photography

What is Macro Photography?

Macro Photography is where the subject is usually very small in real life, or a small detail of a larger object. The final photo printed is usually larger than life.

Macro photographs are taken from extreme close-up range. The subject on the sensor plane is equal to life size or greater.

Best results are achieved with a macro lens.



Through the Lens and Onto the Sensor

- * Image on the sensor is same size as the subject 1:1
- * Image on the sensor is larger than the subject ie. 1:4
- * Image on the sensor is smaller than the subject ie 1:0.5



Recommended Equipment

- * Interchangeable lens camera
- * Macro lens, or lens with reversing ring, extension tubes, close-up lenses
- * Flash/LED lighting, or Flash ring, Diffuser
- * Tripod
- * Props





Extension Tubes



Macro Lens



Reversible Lens



Close-up Lens



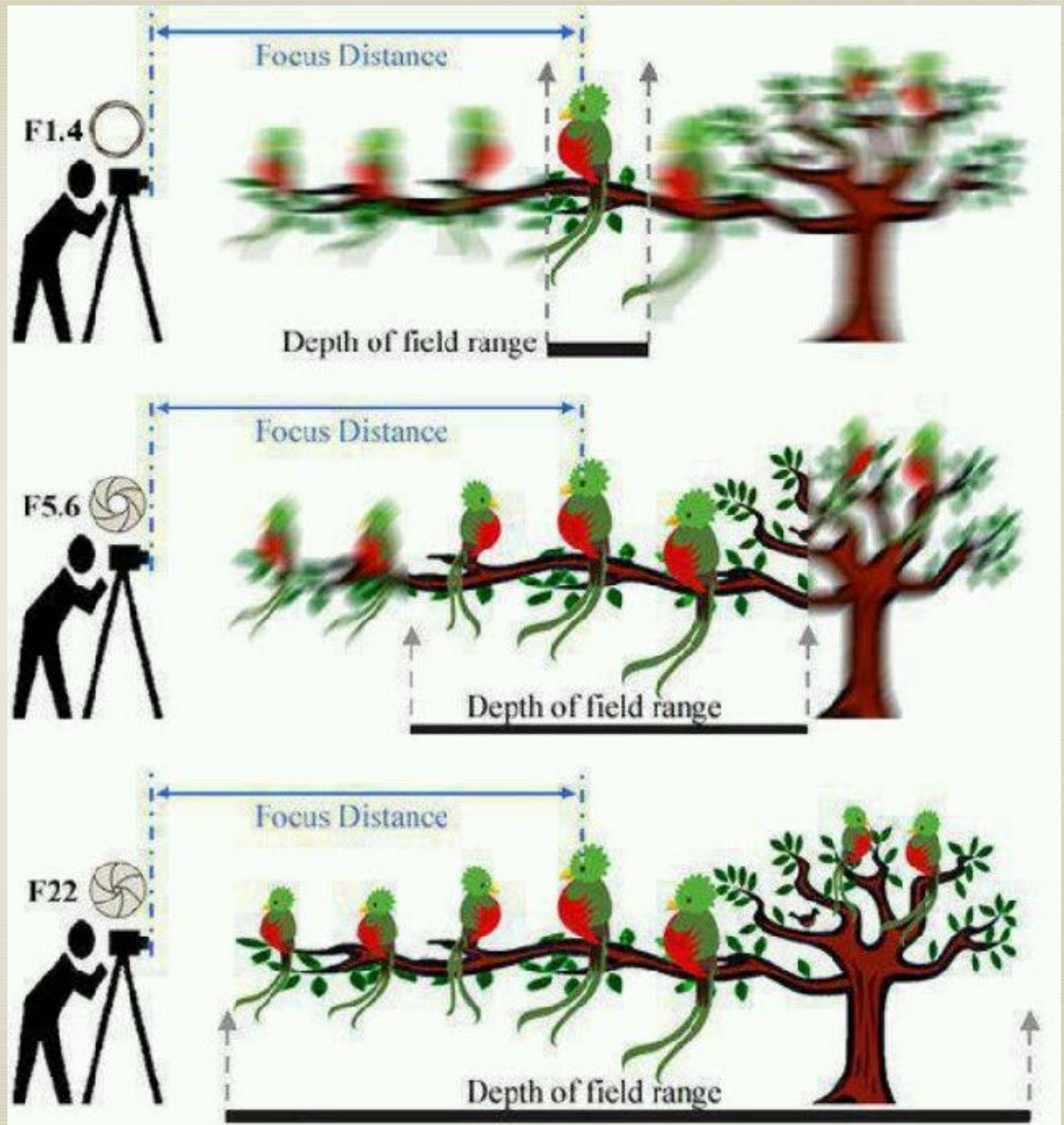
How to Take the Photo

- * Format memory card
- * Set Camera to low ISO
- * Compose the scene off the tripod in live view
- * Attach camera to tripod, image stabilization off
- * Fine tune the composition (move the subject)
- * Try to keep the lens parallel with the subject
- * Adjust for exposure and check the histogram
- * Lock up the mirror
- * Press the shutter (2 second delay or remote shutter release)





Depth of Field

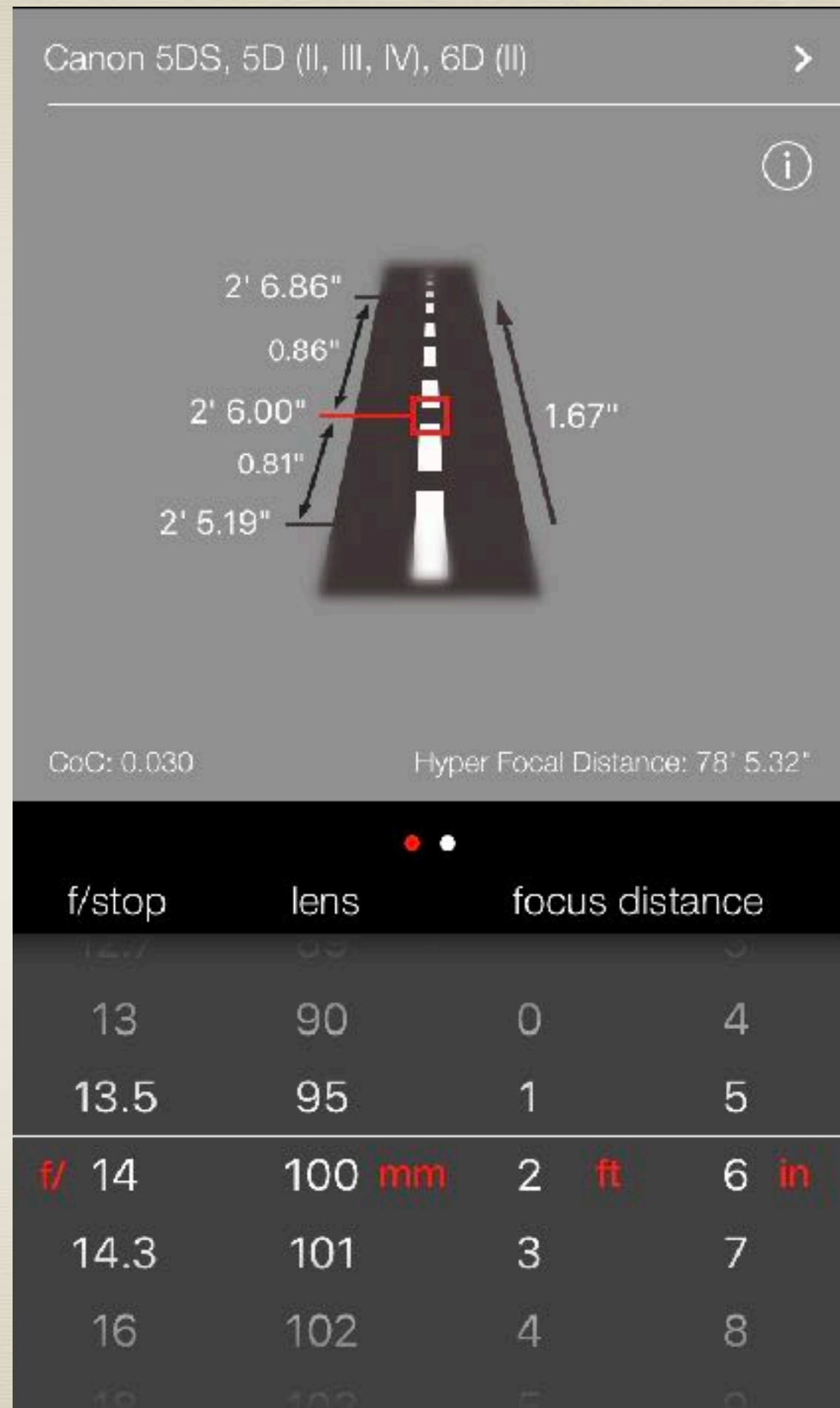




F3.2 SS 1/100 ISO 1600 FD 2 feet

Depth of Field Calculator

App: 'Simple DoF'



Props - let your imagination fly!

- * flowers, bugs, shells, rocks, sticks, feathers
- * crystal ball
- * iPad with colorful wallpaper
- * backdrops
- * black velvet and black shiny tile
- * light box
- * glycerine, water
- * penlights, colored lights, mirror
- * reflectors
- * clamps and plamps, tweezers





Annies
Images

Conclusion

