

BIG DIPPER FIREFLY *PHOTINUS PYRALIS*

Flash: Yellow/green light
J - shaped flash
6-8 second interval

Coloring: Black elytra with yellow edges

Size: 10-14 mm

Range: Eastern US

Habitat: Meadows, fields, lawns

Height: At least 2ft off the ground

Season: Late May - July

Timing: Dusk and sunset



© Katja Schulz



BLUE GHOST FIREFLY *PHAUSIS RETICULATA*

Flash: Blue/white light
Continuous
can light up for over 1 minute

Coloring: Brown with large eyes

Size: 5-9 mm

Range: Southern Appalachians

Habitat: Dark woodlands near water

Height: About 1 ft off the ground

Season: Late spring-early summer

Timing: Night



Flash pattern:



SYNCHRONOUS FIREFLY *PHOTURIS FRONTALIS*

Flash: Yellow light
Repeated synchronous
0.5 seconds apart

Coloring: Humpback posture, black head

Size: 13 mm

Range: Southeastern US

Habitat: Forests and fields

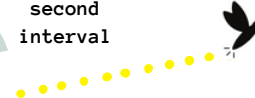
Height: 2-4 ft above ground

Season: Late May - early June

Timing: Twilight



0.5
second
interval



LITTLE GRAY FIREFLY *PHOTINUS MARGINELLUS*

Flash: White/green color
Bright single flashes
4-5 seconds interval

Coloring: pale/faded coloring, red head

Size: 6-9 mm

Range: Eastern North America

Habitat: Forests

Height: 3-12 ft above ground

Season: Mid June - early August

Timing: Twilight



4 - 5
second
interval



TWILIGHT BUSH BABY *PHOTINUS AUSTRALIS*

Flash: Yellow/orange color
 • Single flashes
 • 2-3 seconds interval

Coloring: black front-edge on head shield

Size: 8-11 mm

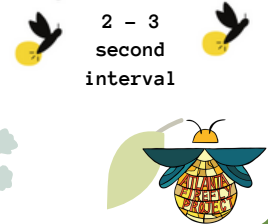
Range: Southeastern and Central US

Habitat: Forest/woodlands

Height: Flies close to the ground

Season: Late June - July

Timing: Sunset/dusk



HEEBIE JEEBIE FIREFLY *PHOTURIS HEBES*

Flash: Greenish/yellow and yellow/orange
 • Repeated single flash
 • 1 second interval

Coloring: yellow head/red center, long antennae

Size: 10-12 mm

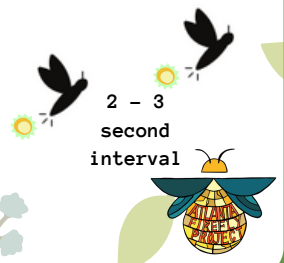
Range: Mid-Atlantic and Southeastern US

Habitat: Trees and shrubs

Height: flies under tree branches

Season: June-July

Timing: Twilight/early night



MR. MAC'S FIREFLY *PHOTINUS MACDERMOTTI*

Flash: yellow color
 • A pair of quick flashes
 • 4 seconds interval

Coloring: Black bar on head shield

Size: 10 mm

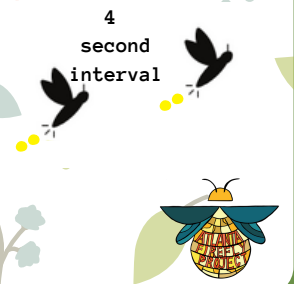
Range: Eastern US

Habitat: Low elevation forest, river valleys

Height: 1-4 ft above ground

Season: Late May-early August

Timing: Sunset/dusk



JULY COMETS FIREFLY *PHOTURIS LUCICRESCENS*

Flash: Greenish color
 • 1-2 second intensifying flash
 • 4-5 seconds interval

Coloring: Light stripe in middle of elytra

Size: 15-20 mm

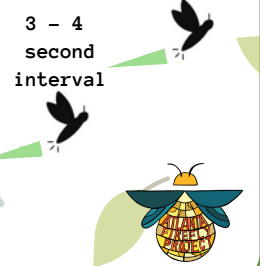
Range: Eastern US

Habitat: Tree lines and field margins

Height: Treetops and canopy

Season: Mid June-late August

Timing: Nighttime



MARGINAL FIREFLY

*PYRACTOMENA
MARGINALIS*

Flash: Orange/yellow color
single short flash
5-6 second interval

Coloring: long antennae, pale borders on elytra

Size: 7-11 mm

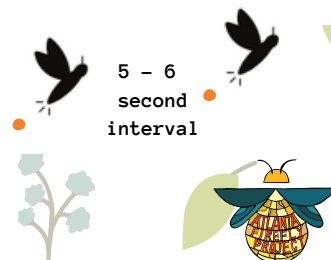
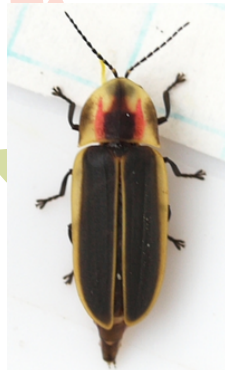
Range: Eastern US

Habitat: Meadows and fields

Height: 4-7 ft off the ground

Season: June - July

Timing: After sunset



DESCRIBE A DIFFERENT FIREFLY

Flash:

Coloring:

Size:

Range:

Habitat:

Height:

Season:

Timing:



DRAW YOUR OWN FIREFLY!



DESCRIBE A DIFFERENT FIREFLY

Flash:

Coloring:

Size:

Range:

Habitat:

Height:

Season:

Timing:



DRAW YOUR OWN FIREFLY!



DESCRIBE A DIFFERENT FIREFLY

Flash:

Coloring:

Size:

Range:

Habitat:

Height:

Season:

Timing:



DRAW YOUR OWN FIREFLY!

