

Table 2. List of firefly citizen science and monitoring projects, presented in chronological order of establishment and displaying types of data collected and taxonomic and geographic scope. Single asterisk (*) indicates that some species-level occurrence records may be generated, but it is not a primary goal of the project. Double asterisks (**) indicate that count data are collected but effort metrics are not.

Project	Type of data generated				Scope	
	Species occurrence records	Spatial	Temporal	Abundance	Geographic scope	Taxonomic scope
UK Glow-worm Survey [1]	Yes	Yes	Yes	Yes	United Kingdom	<i>Lampyris noctiluca</i> and other glow-worm spp.
Natuurpunt Glow-worm workgroup [2]	Yes	Yes	Yes	Yes**	Belgium	Glow-worm Lampyridae
Satoyama Firefly Monitoring [3]	Yes	Yes	Yes	Yes	Satochi-Satoyama agroscape of Japan	<i>Nipponluciola cruciata</i> ; <i>Aquatica lateralis</i>
Glow Up! [4]	Yes	Yes	No	No	Turin, Italy	<i>Luciola italica</i>
Firefly Watch [5]	No	Yes	Yes	Yes	North America	Adult flashing Lampyridae
Has Visto Una Luciernaga? [6]	Yes*	Yes	Yes	Yes**	Spain	Lampyridae
Fireflyers International iNaturalist Project [7]	Yes	Yes	Yes	No	Global	Lampyridae and other bioluminescent Coleoptera

Clemson Disappearing Firefly Project [8]	No	Yes	Yes	No	South Carolina, USA	Adult flashing Lampyridae
Western Firefly Project [9]	Yes*	Yes	Yes	Yes**	Western USA	Adult flashing Lampyridae
Observatoire des Vers Luisants & des Lucioles [10]	No	Yes	Yes*	No	France	Lampyridae
Kreso Krijesnica [11]	Yes*	Yes	Yes	Yes**	Croatia	Lampyridae
Light Up West Virginia [12]	Yes	Yes	Yes	No	West Virginia, USA	Adult flashing Lampyridae
Grup Cucadellum [13]	Yes*	Yes	Yes	Yes	Catalonia, Spain	Lampyridae
Have you seen a firefly? (ראיתם גחלילית?) [14]	Yes	Yes	Yes	No	Israel	Lampyridae
Hong Kong Firefly Survey Team [15]	Yes	Yes	Yes	Yes	Hong Kong, China	Lampyridae and Rhagophthalmidae

Atlanta Firefly Project [16]	Yes*	Yes	Yes	Yes	Georgia, USA	<i>Photinus pyralis</i> + other adult flashing Lampyridae
World Firefly Day Count [17]	No	Yes	Yes	Yes**	India	Adult flashing Lampyridae
Magical Mysteries at Bukit Kiara [18]	Yes	Unknown	Unknown	Unknown	Bukit Kiara Park, Kuala Lumpur, Malaysia	Lampyridae and Rhagophthalmidae
Fireflies of Australia [19]	Yes	Yes	Yes	No	Australia	Luciolinae
Firefly Atlas [20]	Yes	Yes	Yes	Yes	USA and Canada	Lampyridae
Constructing a Colorado Firefly Flash Pattern Dataset [21]	No*	Yes	Yes	Unknown	Colorado, USA	Adult flashing Lampyridae

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