Traits for Lycaenidae

x  Genus and species for focal taxon

x Subspecies (if needed)

Look-up table will give: Subfamily, Tribe, Section

x  Images at different wavelengths for one male. This will give info about:  
Sexual dimorphism (size, color), Wing length, Body length

x Collection information for imaged individual (male). This will give:   
Barcode, Lat, Long, Elevation, Date

x  Images at different wavelengths for one female. This will give info about:  
Sexual dimorphism (size, color), Wing length, Body length

x Collection information for imaged individual (female). This will give: Barcode, Lat, Long, Elevation, Date

x Collection information for sequenced individual: Specimen ID #, Barcode, Lat, long, Elevation, Date

x Form: Wet season/ Dry season or Spring form/ Summer form

x Defense: Aposematic/ Cryptic

x Mimicry: Y/N

x Other: [Describe- e.g. startle, eyespot etc.]

x Habitat occupied by adult butterflies: canopy/ understory/ not known

x Diel: daylight, crepuscular, nocturnal

x Phenology: time when flying

x Adult mobility: fast flyer, slow flyer

x Number of broods/ year:

x Stage for diapause: egg/ larvae/ pupae

x Distribution description (biogeography by continents: Nearctic, Neotropical, Palearctic, African, Oriental, Australian, Oceanian (maybe check funet to see how they classify geographic regions)

x Countries for field guides

x Range: localized / widely distributed

x Endemic Y/N

x If endemic, where?

x Eggs and aggregation: single / clustered

x Caterpillar aggregation: single / clustered

x Degree of caterpillar/ ant association: Not associated, Facultative, Obligate

x  Caterpillar diet: Aphytophagous/ Phytophagous/ Both (only Phengaris, Lepidochrysops)/ Unknown

x If aphytophagous: Ants / Other

x If Other: [describe]

x Caterpillars inside ant nest? Y/N

x Caterpillars inside shelter built by ants? Y/N

x Nature of ant assoc if caterpillar enters ant nest: Parasite/ ‘Mutualist’

x For parasitic caterpillars: Myrmecophagous / Feeds by trophallaxis/ Unknown;  
Mutualist (no further categories)

x Caterpillar (late instar) shape: slug shape, spiny, hairy, thick or thin skin

x Caterpillar (late instar) Dorsal Nectary Organ (DNO); none, vestigial, active

x Caterpillar (late instar) Tentacle Organs (TO): none, vestigial, active

x Host plant genus and species (each subspp listed as a separate record)

x Part of plant consumed

x Ant genus and species (lookup taxonomy will give subfamily)

x Ant nest : tree or ground

x Ant behavior: diurnal, nocturnal, crepuscular

x Notes