



BUTTERFLY MONITORING FIELD MATERIALS CHECKLIST

- Clipboard
- Writing utensils
- Notebook (to jot down details on floristic composition of each transect, butterflies, day moths, bees, dragonflies, ants, ladybugs, other observations, etc.)
- Paper (at least 20, as extra tally sheets when running out of space on the forms; prewrite the names or abbreviations of butterflies with lines and adequate space in between)
- Outdoor daypack or bag
- This file, **Butterfly Monitoring Field Materials**, plus **Butterfly Monitoring Yearly Schedule**, and **Butterfly Transect Field Instructions** (downloaded from the website)
- Butterfly Transect Details and Recording Forms** (downloaded from website, 1 details form per transect location filled out before monitoring starts while 1 recording

form per transect location filled out during counts every week)

- Camera (to better identify butterfly species and consult with expert)
- Wristwatch (to keep track of time, start/finish times)
- Cellular phone (in case of emergency)
- Phone internet access (to obtain weather conditions, map coordinates, satellite images of transect locations, databases, online resources, communication, keeping track of time, etc.)
- Butterflies and Moths of Lebanon/LEPIDOPTERA LIBANOTICA website at www.butterflies.spnl.org (additional details and images of each butterfly species, plus videos, training materials, and educational resources)
- Field guides or atlases (*A Field Guide to the Butterflies of Lebanon and the Middle East* or *Butterfly Gardening in Lebanon*, heavyweight, useful as desk reference, call or email SPNL office)
- Butterfly Field Identification Sheets (downloaded from website, lightweight, easy to carry, resourceful with mnemonic devices)
- Portable thermometer (note: other weather conditions, such as percent sunshine, wind direction and speed, can be obtained manually as approximations)

- Map of biosphere or local area
- Solar-powered calculator
- Tape measure
- String
- First aid kit
- Boots or protective footwear
- Appropriate long-sleeved clothing and trousers (protection from thorny plants and animal bites)
- Hat or cap (protection from sun's rays)
- Water and food (staying hydrated and energised during long hot days, i.e. water bottle and energy bars)
- A quick, reliable method of transportation

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