VERSION 1

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OPEN ACCESS

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External link:
<https://www.hobodataloggers.com.au/hoboware-free-download>

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MANUSCRIPT CITATION:

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Protocol status: Working
 We use this protocol and it's working

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🌐 HOB0 data loggers V.1

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ABSTRACT

This protocol is intended to help you use HOB0 data loggers and HOB0ware software.

ATTACHMENTS

[HOB0ware-User's-Guide.pdf](#)

[HOB0ware-Getting-Started-Guide.pdf](#)

MATERIALS

- HOB0 Logger
- USB base station/coupler to connect to the computer
- HOB0ware software installed on the computer: HOB0 ware is a FREE Download at the following address: <https://www.hobodataloggers.com.au/hoboware-free-download>

PROTOCOL integer ID:
17485

Keywords: HOBO, Field
survey, Light, Temperature

Connection

- 1 Connect the HOBO logger to the USB Base Station connected to the computer.

Safety information

Be careful to insert correctly the HOBO logger.
Push it thoroughly in the Base Station: There is a sense (slot) to insert the HOBO Logger.

HOBOWare

- 2 Open the HOBOWare software (FREE download)

Software

HOBOWare	NAME
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HOBOWare Basic functions

3 4 icons at the top left:

1. First icon: **Launching** (Beware the launch of the HoBo probe overwrites the data stored there)
2. Second icon: **Reading out** (retrieve saved data)
3. Third icon: **Logger status** (allows to check the level of charge of the battery and the used memory)
4. Fourth icon: **Stop** the device

HOBOWare data logger Programming

4 Click the **Launching** icon on the toolbar (**Icon 1**)

The Plot Setup window contains the following information:

- **Description:** Indicate the file name
- **Parameters:** Select Temperature and Light Intensity
- **Recording interval:** "5 seconds" for example (this gives below the possible recording time depending on the memory)

To **Start** recording:

- Click on "Start" (Immediate) or "Delayed start" (Postponed, indicate date / time)

HOBO data logger Reading and Data export

5

Reading out the logger and plotting data

- Click the **Read out** icon on the toolbar (**Icon 2**)
- Choose the location to save the datafile.
- Choose the **units** of measurement (Temperature in °C and Light Intensity in Lux, leave the rest checked)
- Click the **Plot** button

To save the file in excel format: click on the Excel icon (icon n°12)

A window appears.
Leave everything checked.

Open the "Preference / Settings" icon (third icon)

Data Export:

- Export file type: **Excel**
- Separate date and time (No: it will keep date and time grouped, facilitating graphics over several days)
- Time format: 24 h
- Do not check "**Export** automatically ...", do it **manually**.
- Click on "OK" then "Export" and "Save" the file.