The Microclimate DataBase (MDB) data control

Processing data: 2025-08-26

File identifier: 8aca64d5e0e0f2ff758cc1c80e74a25eca7704413312c3eb97bebc4b3869e8ca

BEXIS Upload: Data control PASS

Dataset summary

Number of experiments: 1

Number of sites: 4

Number of rows: 7

Habitats: 2

Data owners

Owners: Andrew Thomas
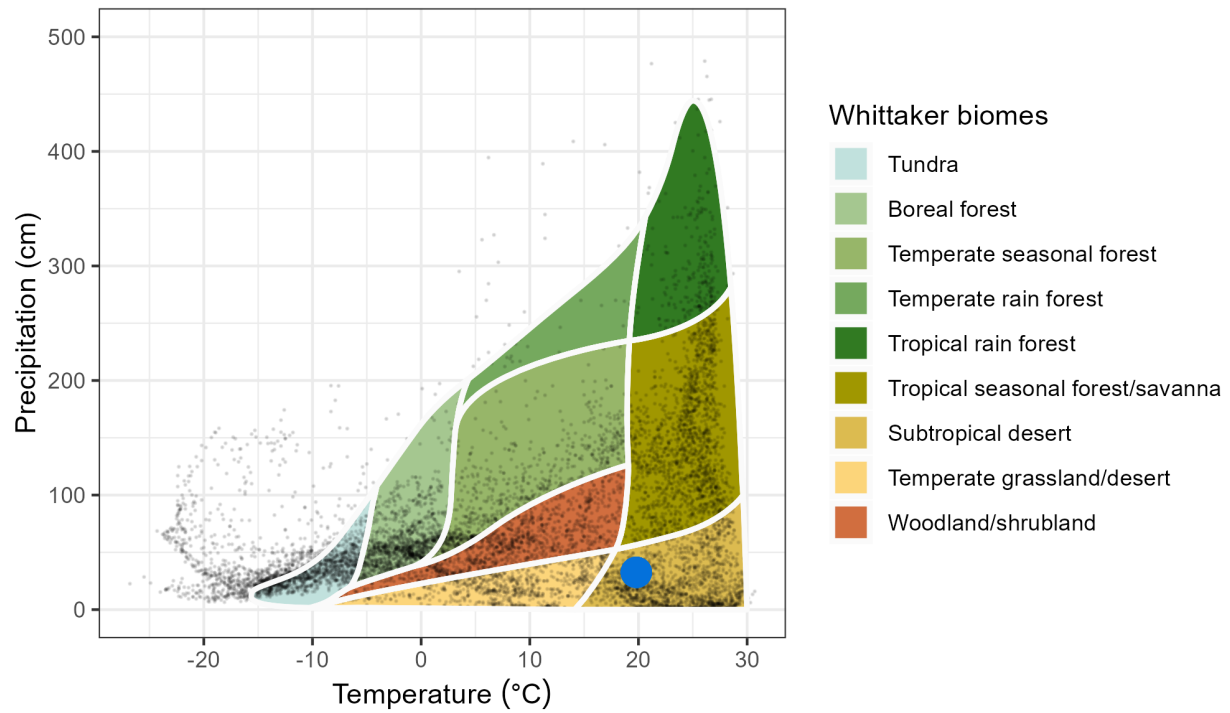
Emails: ant23@aber.ac.uk

Affilations: NA

ORCID: NA

Data summary

Site spatial distribution

.

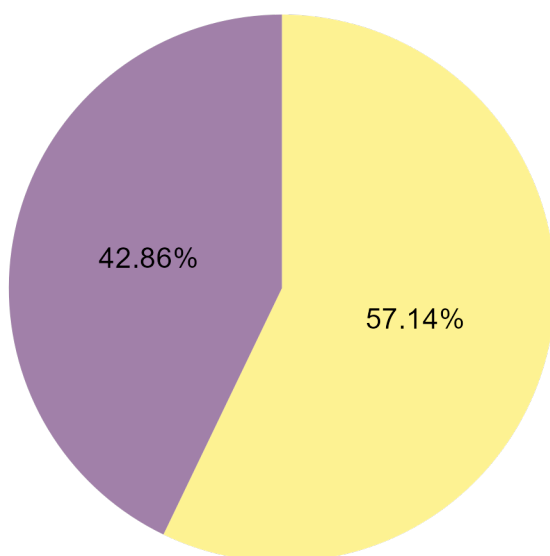Blue cursors indicate your sensors location

Biome distribution

.
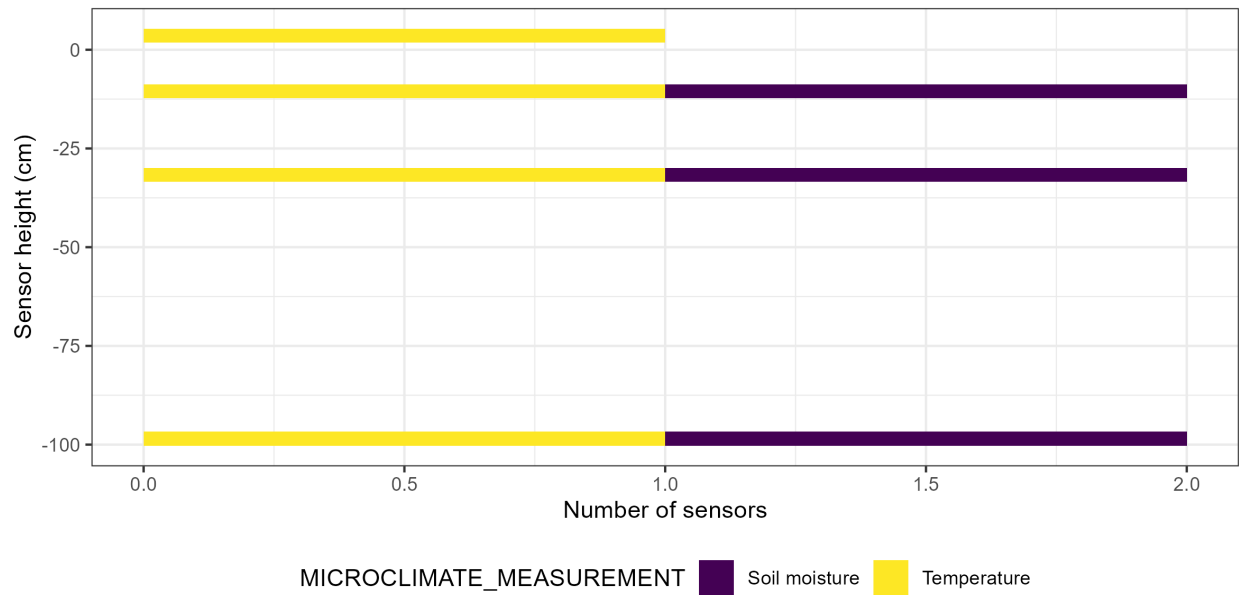
Blue cursors indicate your sensors location

Sensor type

.

Type of sensors in the dataset.

Sensor height

.

Positive values for aboveground sensors and negative for belowground!

Time series

.

Sensors time series distribution.

Errors

```
## $METADATA
## $METADATA$Critical
## $METADATA$Critical$MISSING
## character(0)
##
## $METADATA$Critical$ERRORS
## $METADATA$Critical$ERRORS$MICROCLIMATE_MEASUREMENT
## $METADATA$Critical$ERRORS$MICROCLIMATE_MEASUREMENT$errors
## # A tibble: 3 x 3
##   META_ID MICROCLIMATE_MEASUREMENT error
##   <chr>   <chr>                    <chr>
## 1 1       Soil moisture            Values should be in the list
## 2 3       Soil moisture            Values should be in the list
## 3 5       Soil moisture            Values should be in the list
##
## $METADATA$Critical$ERRORS$MICROCLIMATE_MEASUREMENT$reference
## [1] "critical"
##
##
```

```
##
##
## $METADATA$Major
## $METADATA$Major$MISSING
## [1] "SENSOR_ACCURACY"
##
## $METADATA$Major$ERRORS
## $METADATA$Major$ERRORS$LOGGER_BRAND
## $METADATA$Major$ERRORS$LOGGER_BRAND$errors
## # A tibble: 7 x 3
##   META_ID LOGGER_BRAND error
##   <chr>   <chr>        <chr>
## 1 1       Decagon      Values should be in the list
## 2 3       Decagon      Values should be in the list
## 3 5       Decagon      Values should be in the list
## 4 2       Decagon      Values should be in the list
## 5 4       Decagon      Values should be in the list
## 6 6       Decagon      Values should be in the list
## 7 7       Lascar       Values should be in the list
##
## $METADATA$Major$ERRORS$LOGGER_BRAND$reference
## [1] "major"
##
##
## $METADATA$Major$ERRORS$TIMEZONE
## $METADATA$Major$ERRORS$TIMEZONE$errors
## # A tibble: 7 x 3
##   META_ID TIMEZONE error
##   <chr>   <chr>    <chr>
## 1 1       Local    Values should be in the list
## 2 3       Local    Values should be in the list
## 3 5       Local    Values should be in the list
## 4 2       Local    Values should be in the list
## 5 4       Local    Values should be in the list
## 6 6       Local    Values should be in the list
## 7 7       Local    Values should be in the list
##
## $METADATA$Major$ERRORS$TIMEZONE$reference
## [1] "major"
##
##
##
##
## $METADATA$Minor
## $METADATA$Minor$MISSING
## [1] "EXPERIMENT_DOI"
##
## $METADATA$Minor$ERRORS
## named list()
##
##
##
## $PEOPLE
## $PEOPLE$Critical
```

```
## $PEOPLE$Critical$MISSING
## character(0)
##
## $PEOPLE$Critical$ERRORS
## $PEOPLE$Critical$ERRORS$STATUS_TIMESERIES
## $PEOPLE$Critical$ERRORS$STATUS_TIMESERIES$errors
## # A tibble: 1 x 3
##   FIRSTNAME STATUS_TIMESERIES error
##   <chr>     <chr>             <chr>
## 1 Andrew    Contact           Values should be in the list
##
## $PEOPLE$Critical$ERRORS$STATUS_TIMESERIES$reference
## [1] "critical"
##
##
##
##
## $PEOPLE$Major
## $PEOPLE$Major$MISSING
## character(0)
##
## $PEOPLE$Major$ERRORS
## $PEOPLE$Major$ERRORS$SOILTEMP_UPDATE
## $PEOPLE$Major$ERRORS$SOILTEMP_UPDATE$errors
## # A tibble: 1 x 3
##   FIRSTNAME SOILTEMP_UPDATE error
##   <chr>     <chr>           <chr>
## 1 Andrew    YES             Values should be in the list
##
## $PEOPLE$Major$ERRORS$SOILTEMP_UPDATE$reference
## [1] "major"
##
##
##
##
## $PEOPLE$Minor
## $PEOPLE$Minor$MISSING
## character(0)
##
## $PEOPLE$Minor$ERRORS
## named list()
```