

LIFE SCIENCES



- **Seal research**

Logging the movements of mother seals when they have had their pups.

- **Bats**

Monitoring the environment of bat roosts in summer and winter. Monitoring body temperature of bats on respirometry apparatus.



- **Reptile temperatures**

Monitoring the temperature of reptiles.

- **Animal behaviour**

Using event recorder to monitor activity of different types of animals in order to establish behavioural patterns. Monitoring thermal environment (e.g. nest temperature) of animals in relation to food intake.



- **Embryo development**

Monitoring temperature and humidity in an incubator sent up into space, and on the ground as part of a project designed to monitor chick embryo development in weightless conditions.

- **Life cycle of flies in sewers**

Recording temperature in and around sewage filters to determine the effect of temperature on life cycle of flies in sewage filters.

- **Bryophyte microclimates**

Monitoring temperature and humidity regimes of bryophytes growing under severe microclimate conditions in the Antarctic.

- **Ecological / physiological study of terrestrial arthropods**

Monitoring soil, rock and vegetation temperatures and relative humidity of the atmosphere to establish microclimates experienced by terrestrial arthropods in the Antarctic.