

## Raw data belonging to:

### Behavioural and physiological responses to exper Behavioural Ecology and Sociobiology

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#### Excel tabs

MetabolismData

ActivityData

UnipedalData

SittingData

BackrestData

PantingData

Variable	Units
ID	
Species	
Wing_length(mm)	mm
Bill_surface(mm <sup>2</sup> )	mm <sup>2</sup>
Tarsi_surface(mm <sup>2</sup> )	mm <sup>2</sup>
M <sub>b</sub> (gr)	gr
VO <sub>2</sub> (ml/min)	ml/min
EWL(mg/hr)	mg/hr
Ta(°C)	°C
Room_temperature(°C)	°C
Record_code	
CodingDur_min	min
act_min	min
act_perc	%
act_succ	min
act_fail	min
M <sub>b</sub> (gr)	
Av_Temp(°C)	°C
Rest	
ol_min	min
ol_perc	%
ol_succ	min
ol_fail	min
Medium	
Activity	
sit_min	min
sit_perc	%
sit_succ	min
sit_fail	min
Bill_position	
br_min	min
br_perc	%

br\_succ  
br\_fail

min  
min

## imental temperature changes in a long-billed and long-legged bird: a role for relative appenda

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The database used for metabolism analysis

The database used for locomotor activity analysis

The database used to analyse the time spent resting on one leg

The database used to analyse the time birds spent sitting

The database used to analyse back rest

The database used for panting analysis

### Definition

Bird identification

Wing length measured using a wing rule ( $\pm 0.5$  mm)

Bill surface area estimated following Greenberg et al. (2012)

Tarsi surface area estimated following Greenberg et al. (2012)

Body mass

Oxygen consumption at 10°C, 25°C and 35°C

Evaporative water loss at 10°C, 25°C and 35°C

The temperature registered inside the metabolic chamber

Temperature set in the room

Number of the observation conducted of the total four bouts

Time duration of each observation bout (5 min total)

Time spent active

Time spent active

Minutes spent active of the total 5 minutes

Minutes spent resting of the total 5 minutes

Body mass (grams)

The average mean temperature registered at dunlins height

Body posture while resting on one leg (1), both legs (2) or sitting (3).

Time spent on one leg

Time spent on one leg

Minutes spent on one leg of the total 5 minutes

Minutes spent in other body posture of the total 5 minutes

Substrate (g: wet sand; w: water)

Categorical variable (yes: the bird was active; no: the bird was resting)

Time spent sitting

Time spent sitting

Minutes spent sitting of the total 5 minutes

Minutes spent in other body posture of the total 5 minutes

Bill posture while resing (1: back rest; 2: bill exposed)

Time spent in back rest

Time spent in back rest

Minutes spent in back rest of the total 5 minutes

Minutes spent in the other posture of the total 5 minutes

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