

Online resource

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Phenotypic flexibility in heat production and heat loss in response to thermal and hydric acclimation in the zebra finch, a small arid-zone passerine

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Figure 1

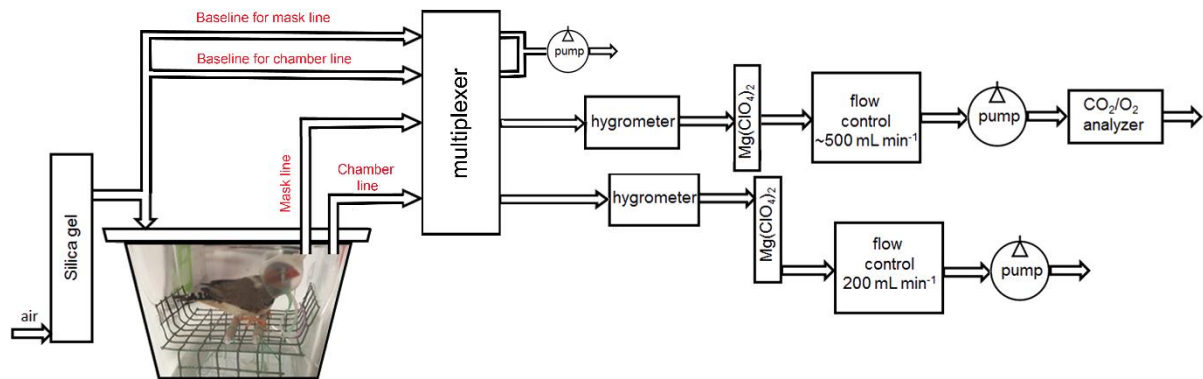


Fig. 1 Diagram of the respirometry system used in the measurements of respiratory (mask line) and cutaneous (chamber line) evaporative water loss in zebra finches *Taeniopygia guttata*. See text for the detailed description of the system

Figure 2

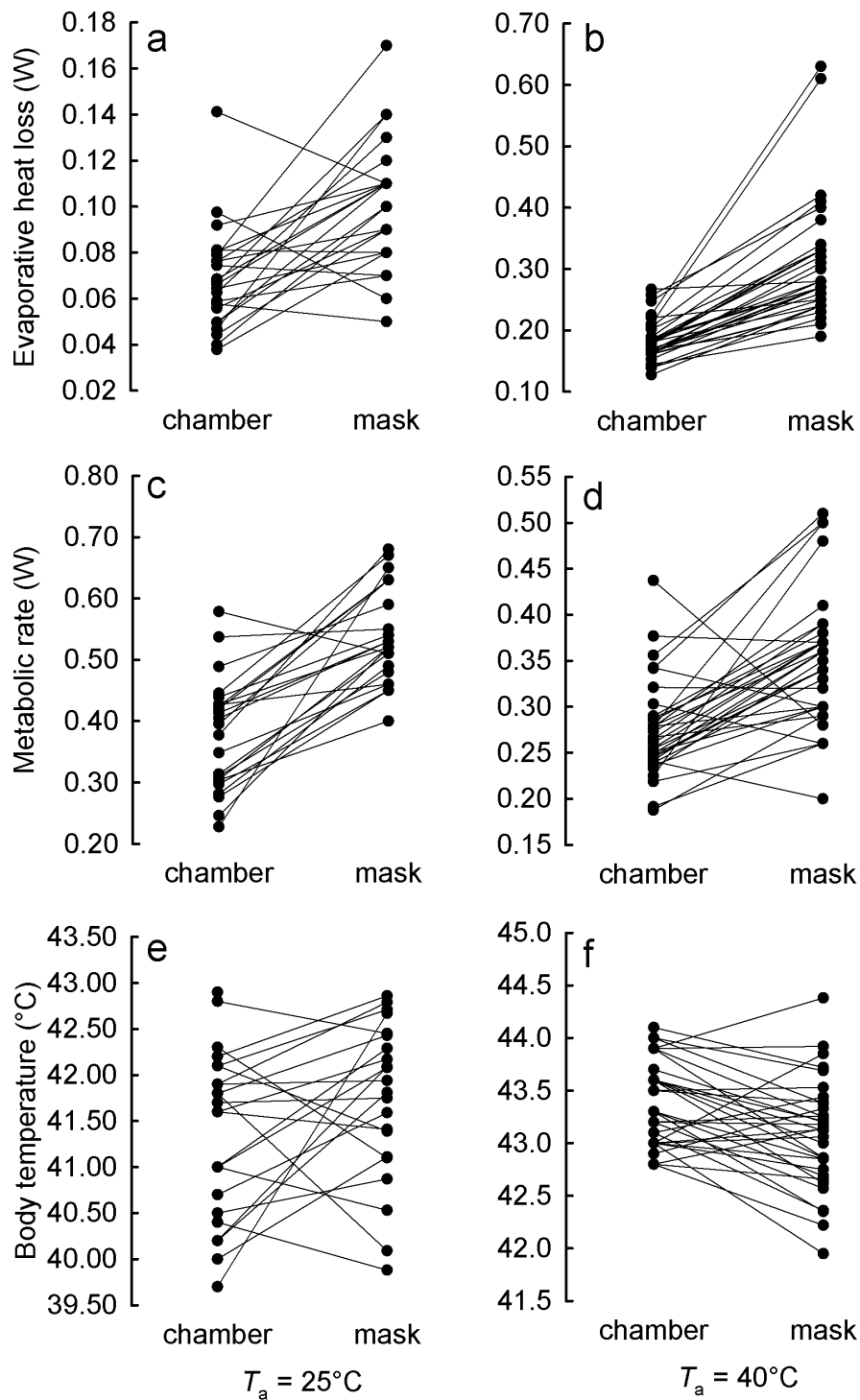


Fig. 2 Total evaporative heat loss (W; a, b), metabolic rate (W; c, d) and body temperature ($^\circ\text{C}$; e, f) measured in zebra finches using whole-body (chamber) and mask respirometry at 25 and 40 $^\circ\text{C}$. Total evaporative heat loss for mask measurements is a sum of respiratory and cutaneous evaporative heat loss. Lines connect measurements done on the same individuals