Zoophysiology Seminar at Aarhus University

Exploring the evolutionary potential of thermo-regulation in ostriches

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Temperature has a crucial influence on the places where species can survive and reproduce. Past research has primarily focused on survival, making it unclear if temperature fluctuations constrain reproductive success. I used decades of data from a large experimental breeding programme of the common ostrich (*Struthio camelus*) in South Africa, to study their reproductive sensitivity to temperature fluctuations and how this sensitivity may evolve in a future with a more volatile climate. I am now initiating new projects aiming to understand the association between reproductive sensitivity and thermoregulation, as well as exploring how evolution of increased heat tolerance may compromise cold tolerance.

Friday, November 3rd from 14.00 to 14.45 in the Zoophysiology Seminar Room (1131-127)