Zoophysiology Seminar at Aarhus University

Integrative Miniaturisation: Understanding the Bauplan Bottleneck

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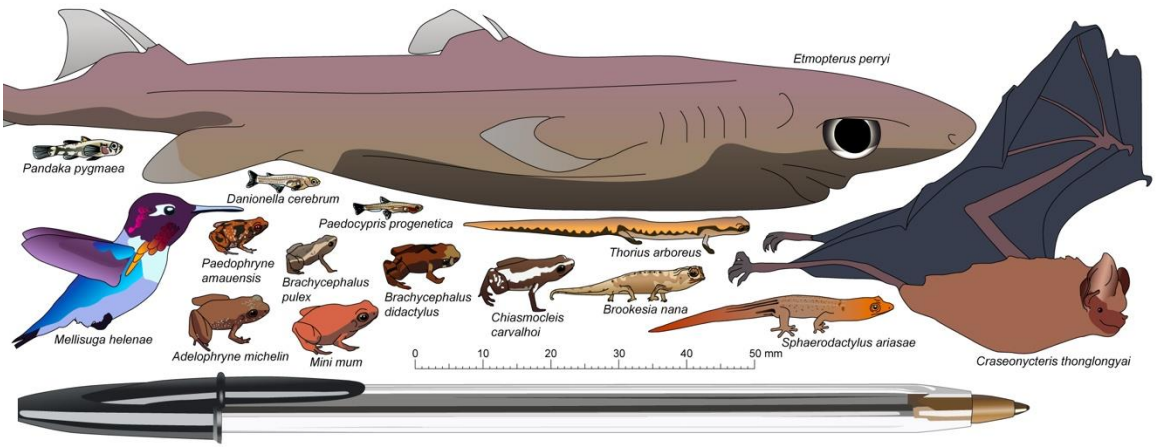
Miniaturisation, the evolution of such reduced body size that significant morphological or physiological modifications ensue, is surprisingly commonplace in nature. This process may be a key part of major innovations in a given bauplan, but it is poorly understood. In my lab at the Natural History Museum Denmark, we are trying to understand how miniaturisation affects vertebrates, what its genomic underpinnings and consequences are, and how it can drive innovation. Our goal is to develop an integrative view of the process and products of miniaturisation, from genomics to phenomics, and how it is constrained by a given bauplan.



Friday, April 4th – 13.00 - 14.00

Zoophysiology Seminar Room, 1131-127