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# Climate and evolutionary physiology



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Waxy monkey frog *Phyllomedusa sauvagii* from the Gran Chaco region of Argentina. Global warming may cause important shifts in the life history and morphological traits of amphibians, the most threatened class of vertebrates.

Photo: Miguel Tejedo



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*SPECIALS of Climate Research (CR) present important new information on climate phenomena, measured and assessed by closely coordinated group efforts. They concentrate on specific research themes or geographic areas.*

*CR SPECIAL 21 focuses on biological adaptation to climate change, which depends on complex interactions between ecological, physiological and genetic mechanisms. Interdisciplinary approaches are needed for assessing the ability of communities and populations to respond to pre-*

*sent and foreseeable environmental changes in the biosphere.*

*This CR SPECIAL analyzes the responses of zooplankton, insects and vertebrates to changes in temperature and its variability, as well as the different mechanisms affecting such responses.*

*We are pleased to make the online version of CR SPECIAL 21 available with Open Access.*

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