



Comparative Animal Physiology

By Philip C. Withers

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Comparative physiology is a subdiscipline of physiology that studies and exploits the diversity of functional characteristics of various kinds of organisms. It is closely related to evolutionary physiology and environmental physiology. Many universities offer undergraduate courses that cover comparative aspects of animal physiology. According to Clifford Ladd Prosser, "Comparative Physiology is not so much a defined discipline as a viewpoint, a philosophy.". I am an animal physiologist that wanted this to add to my collection. I wouldn't suggest it to someone new to the subject. If you are looking for an animal physiology book to introduce you to the most up-to-date topic I would chose Hill et al. Animal Physiology (as of this review they recently released the 4th edition). Read more.Â Outstanding and thorough presentation of comparative animal physiology. Clear, detailed, and comprehensive. Well written, good references and well produced figures. Comparative Animal Physiology. A rigorous course in which physiological processes of vertebrates and invertebrates are studied at the cellular, organ, organ system, and whole animal levels of organization. The unifying themes of the course are the phenomenon of homeostasis (whereby an animal maintains its organization in the face of environmental perturbations) and the relationship between structure and function.

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The Comparative Animal Physiology group at the University of Guelph is one of the largest in Canada and offers a wide range of research interests from genes to whole animal studies. The enthusiasm, strength and breadth of the group provide an excellent learning environment for graduate students and undergraduate researchers. Comparative Animal Physiology. September 2010. Publisher: Blessarlak Publications Company, Akure, Nigeria.Â RESUMO A presente pesquisa teve como objetivo analisar morfológicamente os sÃtios de implantes endometriais sobre a regiÃ£o externa da musculatura da parede abdominal anterior de ratas, durante o ciclo estral. Para tanto foram utilizadas 16 ratas albinas (*Rattus norvegicus albinus*), da linhagem Wistar com 90 dias de idade, obtidas do biotÃ©rio do Departamento de Morfologia e Fisiologia Animal da