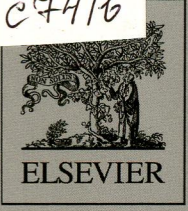


RU  
c74/b

VOLUME 173A

JULY 2014

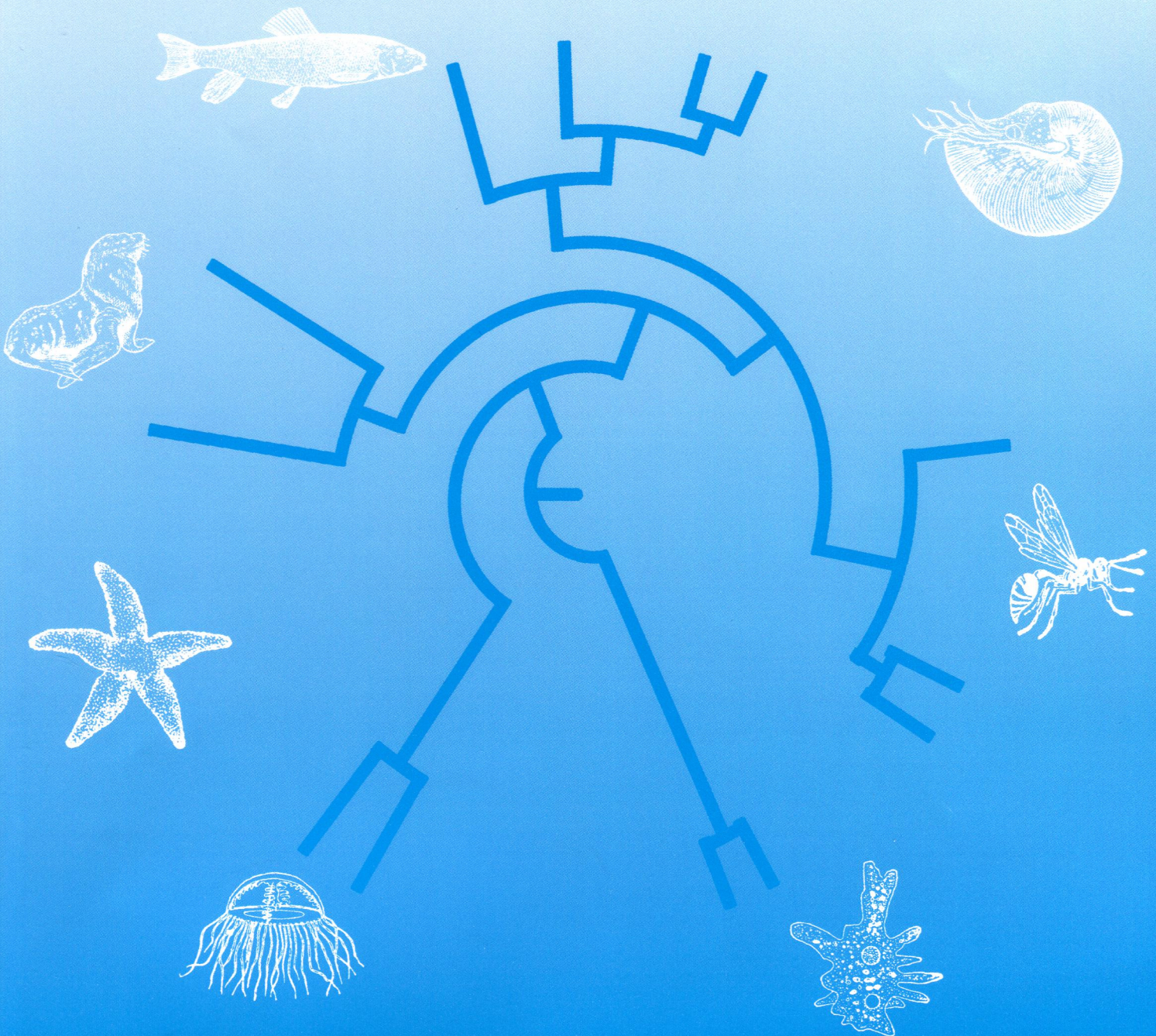
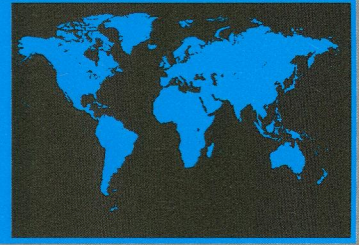
ISSN: 1095-6433



COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY

**CBP**

Molecular &  
Integrative  
Physiology



## Contents

- B.P.H. Righetti, P.C. Simões-Lopes, M.M. Uhart and D. Wilhelm Filho**
- 1 Relating diving behavior and antioxidant *status*: Insights from oxidative stress biomarkers in the blood of two distinct divers, *Mirounga leonina* and *Arctocephalus australis*
- M.R. Donaldson, S.G. Hinch, K.M. Jeffries, D.A. Patterson, S.J. Cooke, A.P. Farrell and K.M. Miller**
- 7 Species- and sex-specific responses and recovery of wild, mature pacific salmon to an exhaustive exercise and air exposure stressor
- K.H. Skjærven, K. Hamre, S. Penglase, R.N. Finn and P.A. Olsvik**
- 17 Thermal stress alters expression of genes involved in one carbon and DNA methylation pathways in Atlantic cod embryos
- E. Bukovetzky and A. Haim**
- 28 A comparative study of reproductive and metabolic responses to administration of exogenous melatonin and aldosterone in xeric and mesic spiny mice populations
- M.B. Baldo, F. Luna, C.E. Schleich and C.D. Antenucci**
- 35 Thermoregulatory development and behavior of *Ctenomys talarum* pups during brief repeated postnatal isolation
- K.M. Sefc, A.C. Brown and E.D. Clotfelter**
- 42 Carotenoid-based coloration in cichlid fishes
- J. Douxfils, S. Lambert, C. Mathieu, S. Milla, S.N.M. Mandiki, E. Henrotte, N. Wang, M. Dieu, M. Raes, C. Rougeot and P. Kestemont**
- 52 Influence of domestication process on immune response to repeated emersion stressors in Eurasian perch (*Perca fluviatilis*, L.)

