

Organotin–Induced Hyperglycemia in the Crab, *Oziotelphusa senex senex* Fabricius

G. Purna Chandra Nagaraju, Md. Riyaz Basha and
P. Sreenivasula Reddy*

Department of Biotechnology, Sri Venkateswara
University, Tirupati - 517 502, India.
Fax: +91-8574-49601. E–mail: psreddy@vsnl.com

* Author for correspondence and reprint requests

Z. Naturforsch. **56c**, 315–317 (2001);
received March 21/November 13, 2000

Hyperglycemia, *Oziotelphusa senex senex*, Organotins

Injection of three different organotin compounds such as tripalmitin, fentin and fenbutatin produced a significant increase in the hemolymph sugar level of intact crabs at *Oziotelphusa senex senex* apparently by stimulating release of the hyperglycemic hormone (HGH).