



Issued Quarterly
at Washington, D.C.

CONTENTS

Features:

- R. P. HUDSON: A Century of Cryogenics 119
- RICHARD H. McCUEN: Polynomial Regression Analysis Using a Principal
Components Rotation 131

Research Reports:

- K. N. DERUCHER: Microcracking of Concrete 135
- T. J. FREST and H. L. STRIMPLE: Prokopiecrinidae, New Family of
?Camerate Crinoids, Silurian (Wenlockian-Ludlovian), Tennessee and
Oklahoma 144
- JAY ABERCROMBIE: Myiasis in the Eastern Box Turtle Caused by
Phaenicia coeruleiviridis (Diptera: Calliphoridae) 155
- OWEN DEVER SHOLES: Parasitism of *Trirhabda virgata* LeConte
(Coleoptera: Chrysomelidae) by a Species of *Aplomyiopsis* Villeneuve
(Diptera: Tachinidae) 157

Academy Affairs:

- New Fellows 159
- Information on Societies Recently Affiliated 159
- Scientists in the News 160
- Obituary:
William R. Osgood 161