

**PROCEEDINGS  
of the  
Nova Scotian Institute of Science  
HALIFAX, NOVA SCOTIA**

ISSN 0078-2521

---

Vol. 38

1988

Part 1

---

**CONTENTS**

Modelling the observed velocity of our galaxy relative to the cosmic microwave background. A. A. Coley and B. O. J. Tupper .....	1
Pyrolysis/magnetic separation; a process for reducing the sulphur content of eastern Canadian coals. S. G. Whiteway, I. Stewart, E. Chan, W.F. Caley and L.A. Adorjan .....	9
A comparison of fungal floras of highland and lowland pastures in Iceland. G. Eyjolfsdottir, S. Olafsson and D. Brewer .....	23

---

Editor: A. Taylor

Production Editor: G. C. Milligan Editorial Board: R. G. Ackman,  
S. P. Van der Kloet, R. G. Brown, W. R. S. Sutherland

©NOVA SCOTIAN INSTITUTE OF SCIENCE, 1988  
Printed for the Institute by Dalhousie Printing Centre  
Date of Publication: December, 1988