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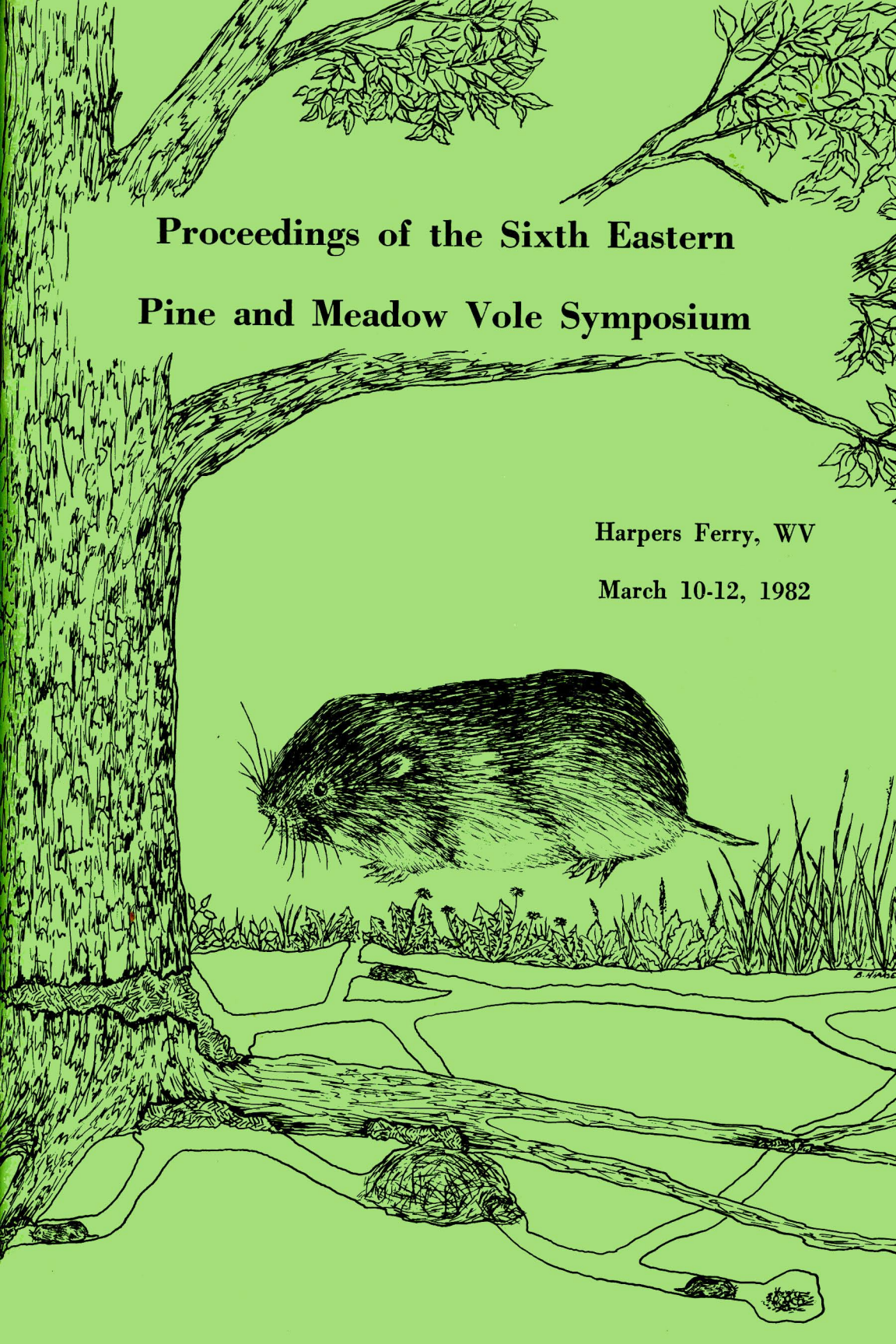


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**Proceedings of the Sixth Eastern
Pine and Meadow Vole Symposium**

Harpers Ferry, WV

March 10-12, 1982

**PROCEEDINGS OF THE
SIXTH EASTERN PINE AND
MEADOW VOLE SYMPOSIUM**

Harpers Ferry, WV

March 10-12, 1982

EDITOR

ROSS E. BYERS

CONTENTS

| | Page |
|--|------|
| HIGHLIGHTS OF THE SIXTH EASTERN PINE AND MEADOW VOLE SYMPOSIUM | |
| Byers, Ross E. ----- | i |
| SESSION I. ORCHARD TOUR | |
| Young, Roger S. ----- | 1 |
| SESSION II. RESEARCH PROGRAMS | |
| Brooks, Ronald J. and Stephen A. Struger ----- | 3 |
| A Current Assessment of Vole Damage and Numbers and of Methods Used to Control Voles in Ontario Apple Orchards | |
| Siddiqi, Zia and W. D. Blaine ----- | 12 |
| Long Term Vole Control in Ontario Apple Orchards | |
| Byers, Ross E. and Mark H. Merson ----- | 22 |
| Effect of Pellet Size and Packaged Commercial Baits for the Control of Pine Voles | |
| Merson, Mark H. and Ross E. Byers ----- | 30 |
| Orchard Rodent Baits: Toxicant Evaluations and Vole Pellet Size Preferences | |
| Steblein, Paul F. and Milo E. Richmond ----- | 33 |
| Rodenticide Evaluation in the Hudson Valley During 1980 & 81 | |
| Richmond, Milo and Pamela N. Miller ----- | 39 |
| Effects of Known Densities of Pine Voles on Apple Trees | |
| Servello, F. A., J. J. Hasbrouck, R. L. Kirkpatrick, and K. E. Webb ----- | 43 |
| The Relationship of Nutritional Factors to Apple Tree Root Damage by Pine Voles | |
| Derting, T. L. and J. A. Cranford ----- | 46 |
| Potential Use of Barn Owls to Control Vole Populations in Orchards | |
| Miller, Pamela N. and Milo E. Richmond ----- | 55 |
| Pine Vole Reinvation of an Unfilled Suitable Habitat | |
| Renzullo, Philip O. and Milo E. Richmond ----- | 62 |
| Status of Winter Populations of Pine Voles (<u>Microtus pinetorum</u>) | |
| Hasbrouck, J. J., A. R. Tipton, R. L. Kirkpatrick, and J. A. Cranford ----- | 67 |
| Influence of Photoperiod and Nutrition on Food Consumption, Body Condition and Reproduction in the Pine Vole | |

| | Page |
|---|------|
| McBride, J. E., J. J. Ney, A. R. Tipton, and R. L. Kirkpatrick ----- | 70 |
| A Preliminary Survey of Genetic Variation Over Two Seasons Among Orchard Pine Vole Populations | |
| Madison, Dale M., Ralph E. Pagano and Randall W. FitzGerald- Radiotelemetric Evaluation of the Effect of Horticultural Practices on Pine and Meadow Voles in Apple Orchards: II. Herbicide Application | 74 |
| Pagano, Ralph E. and Dale M. Madison ----- | 80 |
| Radiotelemetric Evaluation of the Effect of Horticultural Practices on Pine and Meadow Voles in Apple Orchards: III. Use of Orchard Border Habitats by Meadow Voles | |
| Cranford, J. A. and T. L. Derting ----- | 86 |
| Habitat Utilization and Spacing Patterns of Pine and Meadow Voles | |
| Steiner, Alan J. ----- | 93 |
| Ecological Requirements of Pine and Meadow Voles in New England Orchards | |
| Parker, J. R., G. M. Kelly, and W. M. Tzilkowski ----- | 101 |
| Selected Habitat Characteristics and Pine Vole Abundance in Pennsylvania Apple Orchards | |
| Jordan, K. C., A. R. Tipton, and R. L. Kirkpatrick ----- | 107 |
| Progress of a Bioenergetic Simulator of Pine Vole Populations | |
| Rhodes, D. and M. E. Richmond ----- | 113 |
| Water Metabolism in Laboratory-Maintained and Free-Ranging Pine Voles (<u>Microtus pinetorum</u>) | |
| Hasbrouck, J. J., A. R. Tipton, and S. B. Lindquist ----- | 117 |
| Demographic Analysis of Pine Vole Populations in Two Orchard Types in Southwest Virginia | |
| Cranford, Jack A. ----- | 124 |
| Effect of Green Vegetation and Cotton Nest Material on Reproduction and Survival of Pine Voles | |
| Schadler, Margaret H. ----- | 132 |
| Strange Males Block Pregnancy in Lactating Pine Voles, <u>Microtus pinetorum</u> , and Reduce Survival and Growth of Nursing Young | |
| McGuire, B. A. and M. A. Novak ----- | 139 |
| A Comparison of Maternal Behavior in Three Species of Voles (<u>Microtus pennsylvanicus</u> , <u>M. pinetorum</u> , and <u>M.</u> <u>ochrogaster</u>) Using a Laboratory System | |
| REGISTRATION LIST ----- | 146 |

Editor's note: The papers in the Proceedings appear as originally written.

HIGHLIGHTS OF THE SIXTH EASTERN PINE AND MEADOW VOLE SYMPOSIUM

The Sixth Eastern Pine and Meadow Vole Symposium was held at the Cliffside Inn, Box 786, Harpers Ferry, West Virginia 25425, March 10-12, 1982, for the purpose of assessing the current status of research, extension, and industry programs relating to the problem of vole damage to fruit trees. The meeting was intended to create a problem solving atmosphere in which growers; various governmental agencies such as EPA, USDA, USDI; the chemical industry; and university personnel could observe the current thrusts of research and extension programs and their potential impact on future control strategies.

By the 1982 meeting the influence of the USDI contract monies for pine and meadow vole research had been effective. Both the quality and quantity of research papers was increased. Information relating to the ecology, behavior, physiology, movements, population monitoring, reproduction, and control methodology of these animals had been generated by the various research groups. The meeting provided an excellent opportunity for various research groups to interact and to assimilate the meaning of various research programs with regard to vole damage control.

The orchard tour prior to the meetings emphasized differences in ground covers, soil types, and vole populations under various cultural management programs. Of particular interest were the wide-band, bare soil culture created with herbicide and cultivation methods. These methods combined with limited hand baiting or no treatment were reported to have adequately controlled both pine and meadow voles. The excellent tour and local arrangements were made by Dr. Roger S. Young, Research Pomologist with the West Virginia University, who is stationed at the University Research Farm at Kearneysville, West Virginia.

In all, the Sixth Eastern Pine and Meadow Vole Symposium was probably one of the most important symposia to date. The quality of the presentations was impressive and data represented useful and much needed information. What was more gratifying was the productive exchange of information and ideas which went on "after hours" between the researchers, extension personnel, growers, and chemical representatives throughout the symposium. The cooperative spirit of those involved in vole biology research, damage control and the support offered by USDI funding were certainly responsible for increased understanding of the vole control problem.



Prairie vole - Microtus ochrogaster (Wagner)



Pine vole - Microtus Pitymys pinetorum (LeConte)



Meadow vole - Microtus pennsylvanicus (Ord)

B. HANSEN