

TABLE OF CONTENTS

Minutes of the Seventy-Second Annual Meeting of the South Dakota Academy of Science	5
Committee Reports	7
Report of the Treasurer	10
Membership Lists	12
Presidential Address	15
Senior Research Papers Presented at the Seventy-Second Annual Meeting of the South Dakota Academy of Science:	
Quaking Aspen Management in the Black Hills. Steven P. Riley	24
Design Reliability Considering Fluctuating Harmonic Load. Karel Silovsky	33
Parasites of Three Rodent Species from South Dakota and Their Distributions. Glenn E. Kietzmann	45
The Number of Loci Controlling Vernalization in Several Winter Wheat Cultivar Differing in Level of Winterhardiness. Jeffrey L. Gellner	48
Gradient Analysis and Description of a Transition Zone Prairie in Eastern South Dakota. Robert Tatina	51
Dental Ontogeny of Juvenile <i>Plianchenia</i> <i>magnifontis</i> (Mammalia, Camelidae) from the Miocene of South Dakota. James A. Effinger and James E. Martin	65
A Study of Oleoresin Canals in <i>Echinacea purpurea</i> (L.) Moench. Jon C. Caster and Gerald A. Myers	71
Salinity Effect on Blue Grama (<i>Bouteloua gracilis</i>) Growth in the Greenhouse. E. M. White and F. R. Gartner	76

Organogenesis in Inflorescence Cultures of Indiangrass
(*Sorghastrum nutans* (L.) Nash.) K. S. Yao, C. H. Chen
and C. R. McMullen 85

Abstracts of Papers Presented at the Senior Section 90

Paper Published by Title Only122

Junior Academy Award Winners123