

TABLE OF CONTENTS

Table of Contents	i
Dedication: Brent Breithaupt	ii
In Memoriam	iii
Greetings and Editor's Comments	v
List of WGA Officers and Field Conference Committee	viii
Wyoming Stratigraphic Chart	ix

General:

1. Dinosaur Exhibits in Wyoming, <i>Brent H. Breithaupt and Jerry Nelson</i>	1
2. The Cottonwood Creek Dinosaur Trail, <i>Kent Sundell, Ph.D.</i>	9
3. Paleontological Resource Management on Public Lands, <i>Laurie J. Bryant, Ph.D.</i>	13
4. Wyoming's First Discovered Dinosaur, <i>Brent H. Breithaupt</i>	15

Dinosaur Mechanics:

5. Dinosaur Tail Dynamics, <i>Leslie Gertsch, Ph.D.</i>	25
---	----

Dinosaur Exploration:

6. Ground Penetrating Radar Survey of Bone-Cabin Quarry, <i>Stephen P. Gardiner and Louis H. Taylor</i>	39
---	----

Stratigraphy and the Cretaceous-Tertiary Boundary:

7. The "Great Lignite", "Ceratops Beds" and Associated Lithostratigraphic Units at the K-T Boundary, Powder River Basin, Wyoming, <i>Harold A. Boyd</i>	61
8. The K-T Boundary as Sussex, Wyoming - Evidence for a Major Extinction Event at the End of the Age of Dinosaurs, <i>Douglas J. Nichols and Janet L. Brown</i>	85

Descriptions of Wyoming's Dinosaurs and Reptiles:

9. Wyoming's Dinosaur Diversity, <i>Brent H. Breithaupt</i>	101
10. The Beginning of the Age of Dinosaurs in Wyoming, <i>Spencer G. Lucas</i>	105
11. Late Jurassic Dinosaur Localities in the Morrison Formation of Northeastern Wyoming, <i>John R. Foster and James E. Martin</i>	115
12. Dinosaurs of the Lance Formation in Eastern Wyoming, <i>Kraig Derstler, Ph.D.</i>	127
13. <i>Tyrannosaurus</i> Sex, <i>Peter L. Larson</i>	147
14. <i>Apatosaurus Yahnahpin</i> : A preliminary Description of a New Species of Diplodocid from Late Jurassic Morrison Formation of Southern Wyoming, <i>James Filla and Pat Redman</i>	169
15. A Preliminary Description of Two New Marine Reptiles from the Upper Sundance Formation, Wyoming, <i>Melissa Drake and William Wahl, Jr.</i>	189