

CONTENTS

LIST OF FIGURES	vii
LIST OF TABLES	vii
LIST OF CHARTS	vii
LIST OF PLATES	viii
LIST OF LOCALITY MAPS	ix
ABSTRACTS (English, German, Russian)	1
1. INTRODUCTION	7
ACKNOWLEDGEMENTS	9
2. STRATIGRAPHY	11
GENERALIZED STRATIGRAPHIC SECTION	14
PREVIOUS STUDIES	20
CLOVERLY-SHELL CREEK AREA	21
HYATTVILLE-TENSLEEP-NOWOOD CREEK AREA	27
THERMOPOLIS AREA	31
CODY AREA	34
CROOKED CREEK-GYPSUM CREEK-WARREN AREA	37
BRIDGER-WESTERN PRYOR MOUNTAIN AREA	39
PRYOR-BEAUVAIS CREEK AREA	43
MIDDLE DOME AREA	47
DISCUSSION: PREFERRED TERMINOLOGY	48
3. STRATIGRAPHIC DISTRIBUTION OF FOSSIL VERTEBRATES ..	51
4. SYSTEMATIC PALEONTOLOGY	53
CLASS OSTEICHTHYES	53
ORDER DIPNOI	53
Family Ceratodontidae	53
ORDER AMIIFORMES, SUBORDER AMIOIDEI	56
CLASS REPTILIA	57
ORDER TESTUDINATA	57
Family Glyptopsidae	57
Family <i>incertae sedis</i>	62
ORDER CROCODILIA	62
Family <i>incertae sedis</i>	62
ORDER SAURISCHIA, SUBORDER THEROPODA	65
Family Dromaeosauridae	65
Family Ornithomimidae	67
Family Megalosauridae?	69
Family Coeluridae	71

ORDER SAURISCHIA, SUBORDER SAUROPODOMORPHA	76
Family Titanosauridae	77
ORDER ORNITHISCHIA, SUBORDER ORNITHOPODA	85
Family Iguanodontidae	85
ORDER ORNITHISCHIA, SUBORDER ANKYLOSAURIA	103
Family Acanthopholidae	103
5. FAUNAL COMPARISONS	124
ARUNDEL FORMATION (MARYLAND)	125
TRINITY FORMATION (TEXAS, OKLAHOMA)	128
WEALDEN FORMATION (EUROPE)	129
6. AGE OF THE CLOVERLY FORMATION	142
REFERENCES CITED	145
APPENDIX A: MEASURED SECTIONS	153
APPENDIX B: LOCALITY REGISTER AND MAPS	205