

Contents

From the Editor	vii
Archaeology	
Paleoindian and Paleocological Evidence from Farra Canyon, Oklahoma <i>W. E. Banks, J. L. Hofman, and R. Patterson</i>	1
Paleoindian Occupation in the Upper Red River Region of North-Central Tennessee and South-Central Kentucky <i>G. Barker</i>	3
Recent Excavations at the Sunshine Locality, a Late Pleistocene/Early Holocene Site in Eastern Nevada <i>C. Beck, G. T. Jones, and F. L. Nials</i>	6
The Cooper Site: A Stratified Paleoindian Bison Kill in Northwest Oklahoma <i>L. C. Bement</i>	7
Paleoindian Site, Lithic, and Mastodon Distributions in Tennessee <i>E. Breithurg and J. Broster</i>	9
Eastern Clovis Adaptations in the Tennessee River Valley <i>J. B. Broster, M. R. Norton, D. J. Stanford, C. V. Haynes, Jr., and M. A. Jodry</i>	12
The Martins Creek Mastodon: A Paleoindian Butchery Site in Holmes County, Ohio <i>N. Brush and F. Smith</i>	14
Immunological Analysis of Flint Flakes from the Martins Creek Mastodon Site <i>N. Brush, M. Newman, and F. Smith</i>	16
Results of Blood Residue Analysis of a Late Paleoindian Projectile Point from Yellowstone National Park, Wyoming <i>K. P. Cannon and M. E. Newman</i>	18
A Paleo-American (Pre-Clovis) Settlement in Alberta <i>J. Chlachula</i>	21
The River Spur Site: Paleoindian Occupation in the Texas Coastal Prairie <i>W. A. Cloud, R. J. Mallouf, E. A. Vogt Jr., W. W. Birmingham, and E. H. Schmiedlin</i>	24
Cueva Quebrada Shelter, Texas <i>M. B. Collins</i>	26
Recent Excavations at the Paw Paw Cove Paleoindian Site, Talbot County, Maryland <i>J. F. Custer and D. Lowery</i>	28
Paleoindian Evidence in the Upper Barton Creek Watershed, Travis County, Texas <i>S. W. Dial, P. J. Headrick and T. R. Hester</i>	30
North American Paleoindian Database—An Update <i>M. K. Faught, D. G. Anderson, and A. Gisiger</i>	32
Reinvestigations at the San Jon Site, New Mexico <i>M. G. Hill, V. T. Holliday and D. J. Stanford</i>	35

The Occurrence of Folsom Points in Kansas <i>J. L. Hofman</i>	37
Gainey Phase Site Differentiation: Lithic Evidence <i>L. J. Jackson</i>	40
The Anzick Clovis Burial <i>S. Jones and R. Bonnichsen</i>	42
Sailor-Helton: A Paleoindian Cache from Southwestern Kansas <i>R. J. Mallouf</i>	44
A Preliminary Survey of Iowa Fluted Points <i>T. A. Morrow and J. E. Morrow</i>	47
Folsom Occupation in the Knife River Flint Quarry Area, North Dakota <i>M. J. Root and S. A. Ahler</i>	48
Devil's Nose: A Parkhill Complex Site in Western New York <i>K. B. Tankersley</i>	51
Physical Anthropology	
Paleo-Indian Human Remains of Patagonia—Chile <i>P. Soto-Heim</i>	55
Lithic Studies	
Edwards Chert Use by Folsom Hunters in New Mexico <i>D. S. Amick</i>	59
Lithic Procurement Patterns at the PaleoCrossing Site, Medina County, Ohio <i>K. B. Tankersley and J. D. Holland</i>	61
Taphonomy—Bone Modification	
Distribution of Mammalian Osteological Elements Recovered from Waterscreened Features, House Fill, and Overburden of the Wall Ridge Earthlodge (13ML176), Mills County, Iowa <i>D. A. Croft and H. A. Senken, Jr.</i>	65
An Appraisal of the Paleoecology and Taphonomy of the Lubbock Landfill Site, Southern High Plains of Texas <i>E. Johnson</i>	68
The Sand Creek Mammoth Site, Llano Estacado of Texas <i>E. Johnson, L. Litwinioneck, and V. T. Holliday</i>	70
Methods	
Dispersing Aggregated Soils and Other Fine Earth in the Field for Recovery of Organic Archaeological Materials <i>M. T. Beatty and R. Bonnichsen</i>	73
The Pre-Clovis Debate: A Bibliographic Analysis <i>J. Kulisheck</i>	75
Paleoenvironments: Plants	
The Central Texas Pollen Record: A Reinterpretation <i>C. B. Bousman</i>	79
A Preliminary Pollen and Algae Sequence from East Bearskin Lake, Cook County, Minnesota <i>J. K. Huber</i>	81

Preliminary Pollen Analysis of Seven Paleosol Sites in Indiana and Ohio <i>C. A. Knollenberg and J. K. Huber</i>	83
Fire in the Cerrado 32,000 Years Ago <i>M. L. Salgado-Labouriau and K. R. Ferraz-Vicentini</i>	85
Paleoenvironments: Vertebrates	
The Mid-Pleistocene Stratigraphic Co-occurrence of <i>Mammuthus columbi</i> and <i>M. imperator</i> in the Ocotillo Formation, Borrego Badlands, Anza-Borrego Desert State Park, California <i>G. T. Jefferson and P. Remeika</i>	89
Late Pleistocene Faunal Diversity in Ultima Esperanza (Chile): Further Data from Cueva Del Medio <i>A. N. Menegaz and H. G. Nami</i>	93
Woodland Musk Oxen in Oklahoma <i>C. Rippey and D. G. Wyckoff</i>	95
The Rud Bison Site: A <i>Bison Bison Occidentalis</i> Locale in Western Wisconsin <i>J. L. Theler, R. F. Boszhardt, D. G. Wilder, and M. G. Hill</i>	98
Late Quaternary Stratigraphy, Paleontology, and Archaeology of the Sheep Rock Spring Site (24JF292), Jefferson County, Montana <i>M. C. Wilson and L. B. Davis</i>	100
Paleoenvironments: Geosciences	
Moraines in the Chillón Valley, Central Perú: Evidence for Pleistocene Tropical Glaciers 1000 m above Sea Level <i>S. E. Hoffman</i>	103
Archaeological Implications of Changing Levels of Yellowstone Lake, Yellowstone National Park, Wyoming <i>K. L. Pierce, K. P. Cannon and G. M. Crothers</i>	106
Special Focus: Beringia	
Early Cultural Complexes in Southwestern Alaska <i>R. E. Ackerman</i>	109
Late-Pleistocene and Early-Holocene Vegetation of Beringia: Implications for Archaeological Interpretations <i>P. M. Anderson, M. L. King, A. V. Lozhkin, L. B. Brubaker, and F. S. Hu</i>	111
New AMS Dates from the Dry Creek Paleoindian Site, Central Alaska <i>N. H. Bigelow and W. R. Powers</i>	114
Human Adaptation at the Southern Margin of the Laurentide and Cordilleran Ice Sheets <i>R. Bonnicksen, D. G. Rice, D. Brauner, and G. Curtis</i>	116
Coastal Records of Pleistocene Glacial and Sea-Level Events on Chukotka Peninsula, Northeast Siberia: A New Interpretation <i>J. Brigham-Grette, D. M. Hopkins, P. Heiser, S. M. Benson, V. F. Ivanov, A. E. Basiyan and V. Pushkar</i>	119
Early Human Occupations in the Southern Part of the "Ice-Free Corridor" <i>A. L. Bryan</i>	121
Early Cultural Traditions in British Columbia West of the Rocky Mountains <i>R. L. Carlson</i>	123
A ca. 17,500-year Magnetic Susceptibility Record from North Killeak Lake, Bering Land Bridge National Preserve, Western Alaska <i>S. D. Charron</i>	126

Early Paleolithic in the Minusinsk Basin, Upper Yenisei River Region, Southern Siberia <i>J. Chlachula, N. I. Drozdov and V. P. Chekha</i>	128
Window on the Bering Land Bridge: A 17,000-year-old Paleosurface on the Seward Peninsula, Alaska <i>V. G. Goetcheus, D. M. Hopkins, M. E. Edwards and D. H. Mann</i>	131
Lithic Refits at Walker Road: Continuing Studies into the Nenana Complex of Central Alaska <i>A. Higgs</i>	132
Buried Soils on Seward Peninsula: A Window into the Paleoenvironment of the Bering Land Bridge <i>C. Hoefle, C. L. Ping, D. Mann and M. Edwards</i>	134
Human Presence in Heilongjiang, China, along the Late Pleistocene Periphery of Beringia <i>J. W. Ives, Y. Zhijun, A. B. Beaudoin, and Y. Qixiao</i>	136
Terminal Pleistocene Occupation of the Kheta Site, Upper Kolyma Region, Northeastern Russia <i>M. L. King and S. B. Slobodin</i>	138
Paleolithic of the Russian Far East: A Geoarchaeological Aspect of the Problem <i>A. M. Kuznetsov</i>	140
Early Cultures of the Mackenzie Drainage to Keewatin Barrenlands Area of Northern Canada <i>R. J. Le Blanc</i>	144
Active Layer Depths during Full Glacial Conditions for Fairbanks, Alaska <i>L. J. Plug</i>	146
The Putu Site: Pleistocene or Holocene? <i>R. E. Reanier</i>	148
The Prehistory of Northern Alaska at the Pleistocene/Holocene Boundary <i>R. E. Reanier and M. L. Kunz</i>	151
Subsistence Diversity and Hunter-Gatherer Strategies in late Pleistocene/ early Holocene Beringia: Evidence from the Broken Mammoth Site, Big Delta, Alaska <i>D. R. Yesner</i>	154