

Academic Programs and Opportunities in Vertebrate Paleontology
Theses and Dissertations 1951–2000



Graduate Theses and Dissertations carried out under the supervision of Professors Wann Langston, Jr., Ernest L. Lundelius, Jr., Timothy Rowe, and John A. Wilson, from 1951–2000.

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A

Akersten, William Andrew, 1967. Red Light Fauna (Blancan), South-Eastern Hudspeth County, Texas. (E.L. Lundelius, Jr.). Degree: MA

Anderson, Arthur Edward, 1958. Geology of the Coldspring Area and Clay Mineralogy of the Fleming Formation, San Jacinto County, Texas. (J. A. Wilson). Degree: MA

B

Balinsky, Robin Lee, 1997. Revision of the Pleistocene to Holocene Wilson-Leonard Microvertebrate Fauna and its Paleoenvironmental Significance. (E.L. Lundelius, Jr.). Degree: MA

Bell, Gorden Lee, 1993. A Phylogenetic Revision of Mosasauroida (Squamata). (T. B. Rowe). Degree: PhD

Brochu, Christopher Andrew, 1992. Ontogeny of the Postcranium in Crocodylomorph Archosaurs. (T. B. Rowe). Degree: MA

Brochu, Christopher Andrew, 1997. Phylogenetic Systematics and Taxonomy of Crocodylia. (T. B. Rowe). Degree: PhD

Busbey, Arthur B. III, 1977. Functional Morphology of the Head of *Pristichampsus vorax* (Crocodylia, Eusuchia) from the Eocene of North America. (W. Langston, Jr.). Degree: MA

C

Cassell, Dwight Eugene, 1958. Geology of the Coldspring Area and Petrology of the Fleming Formation, San Jacinto County, Texas. (J. A. Wilson). Degree: MA

Colbert, Matthew William, 1999. Patterns of Evolution in the Tapiroidea (Mammalia: Perissodactyla). (T. B. Rowe and E. L. Lundelius, Jr., co-supervisors). Degree: PhD

D

Davies, Kyle L., 1983. Hadrosaurian Dinosaurs of Big Bend National Park, Brewster County, Texas. (W. Langston, Jr.). Degree: MA

Dincel, Mehmet Bedi, 1952. Geology of Toyah Lake Area, Reeves County, Texas. (J. A. Wilson). Degree: MA

Dixon, William Ronald, 1958. Subsurface Geology of an Area in Bastrop and Fayette Counties, Texas. (J. A. Wilson). Degree: MA

E

Elder, Ruth L., 1978. Paleontology and Paleocology of the Dockum Group, Upper Triassic, Howard County, Texas. (W. Langston, Jr.). Degree: MA

F

Ferguson, Walter Keene Linscott, 1958. Geology of Parts of Bastrop and Fayette Counties, Texas. (J. A. Wilson). Degree: MA

Ferrusquia-Villafraña, Ismael, 1971. Geology of the Tamazulapan-Teposcolula-Yanhuitlan Area, Mixteca Alta, State of Oaxaca,

Mexico. (J. A. Wilson). Degree: PhD

Feseha, Mulugeta yebo, 1996. Magnetostratigraphy of the Fossil Bearing Igbeke Section of the Miocene Sinap Formation, Turkey. (E. L. Lundelius, Jr. and J. Kappelman). Degree: MA

Froehlich, David Jefferson, 1996. The Systematics of Basal Perissodactyls and the Status of North American Early Eocene Equids. (E. L. Lundelius, Jr.). Degree: PhD

G

Gallup, Marc R., 1975. Lower Cretaceous Dinosaurs and Associated Vertebrates from North-Central Texas in the Field Museum of Natural History. (W. Langston, Jr.). Degree: MA

Graham, Russell W., 1976. Pleistocene and Holocene Mammals, Taphonomy, and Paleoecology of the Friesenhahn Cave Local Fauna, Bexar County, Texas. (E. L. Lundelius, Jr.). Degree: PhD

Greenfield, Leslie Lohr, 1957. Stratigraphy and Micropaleontology of the Cook Mountain Formation, Western Fayette County, Texas. (J. A. Wilson). Degree: MA

Gustafson, Eric P., 1977. Carnivorous Mammals of the Late Eocene and Early Oligocene of Trans-Pecos Texas. (E. L. Lundelius, Jr.). Degree: PhD

H

Harris, John Michael, 1967. Oligocene Vertebrates from Western Jeff Davis County, Trans-Pecos Texas. (J. A. Wilson). Degree: MA

Hulbert, Richard C. Jr., 1979. Linear Discriminant Analysis and Variability of Pleistocene and Holocene Leporidae of Texas. (E. L. Lundelius, Jr.). Degree: MA

K

King, Elbert Aubrey Jr., 1961. Geology of Northwestern Gonzales County. (J. A. Wilson). Degree: MA

Kishi, Kyoko, 1995. Design, Development, and Implementation of Interactive Multimedia Software for an Introductory Geology Course. (T. B. Rowe). Degree: MA

L

Lawson, Douglas A., 1972. Paleoecology of the Tornillo Formation, Big Bend National Park, Brewster County, Texas. (W. Langston, Jr.). Degree: MA

Lehman, Thomas M., 1982. A Ceratopsian Bone Bed From the Aguja Formation (Upper Cretaceous) Big Bend National Park, Texas. (W. Langston, Jr.). Degree: MA

Lehman, Thomas M., 1985. Stratigraphy, Sedimentology and Paleontology of Upper Cretaceous (Campanian - Maastrichtian) Sedimentary Rocks in Trans-Pecos Texas. (G. Kocurek and W. Langston, Jr.). Degree: PhD

Leve, Gilbert Warren, 1952. Geology of the Red Bluff Area, Eddy County, New Mexico. (J. A. Wilson). Degree: MA

M

Macrini, Thomas E. 2000. High Resolution X-ray Computed Tomography (CT) of the skull of an Extant Opossum (*Monodelphis domestica*) and a comparison of its Ontogeny to Synapsid Phylogeny. (T. B. Rowe). Degree: MS.

McCulloh, Richard P., 1977. Geology of Yellow Hill Quadrangle, Brewster County, Texas. (J. A. Wilson). Degree: MA

Mead, James Glen, 1971. Paleontology of the Sid McAdams Locality (Permian) Southern Taylor County, Texas. (W. Langston, Jr.). Degree: MA

Merck, John William, 1997. A Phylogenetic Analysis of the Euryapsid Reptiles. (T. B. Rowe). Degree: PhD

Miller, Mary Stewart, 1997. Squamates of the Campanian Terlingua Local Fauna, Brewster County, Texas. (T. B. Rowe). Degree: MA

Molnar, Ralph E., 1969. Jaw Musculature and Jaw Mechanics of the Eocene Crocodylian *Sebecus icaeorhinus*. (W. Langston, Jr.). Degree: MA

O

Ossian, Clair R., 1974. Paleontology, Paleobotany and Facies Characteristics of a Pennsylvanian Delta in Southeastern Nebraska. (W.

Langston, Jr.). Degree: PhD

Owen, Pamela R. 2000. Phylogenetic Relationships Among American Badgers (Taxidiinae) and the Evolution of the Badger Ecomorph. (T. B. Rowe and E. L. Lundelius, Jr., co-supervisors). Degree: PhD

P

Parks, Peter, 1969. Cranial Anatomy and Mastication of the Triassic Reptile *Trilophosaurus*. (W. Langston, Jr.). Degree: MA

Parrish, Walter C., 1975. Paleoenvironmental Analysis of a Lower Permian Bonebed and Adjacent Sediments, Wichita County, Texas. (W. Langston, Jr.). Degree: MA

Patton, Thomas Hudson, 1962. Fossil Vertebrates from Miller's Cave, Llano County, Texas. (E. L. Lundelius, Jr.). Degree: MA

Patton, Thomas Hudson, 1966. Miocene and Pliocene Artiodactyls, Texas Gulf Coastal Plain. (J. A. Wilson). Degree: PhD

Pittman, Jeffrey Gill, 1992. Stratigraphy and Vertebrate Ichnology of the Glen Rose Formation, Western Gulf Basin, USA. (W. Langston, Jr. and T. B. Rowe, co-supervisors). Degree: PhD

Porsch, Herman W. Jr., 1965. Biometry of *Enallaster texanus*. (E. L. Lundelius, Jr.) Degree: MA

Q

Quinn, James Harrison, 1954. Miocene Equidae of the Texas Gulf Coastal Plain. (J. A. Wilson). Degree: PhD

R

Runkel, Anthony Charles, 1988. Stratigraphy, Sedimentology, and Vertebrate Paleontology of Eocene Rocks, Big Bend Region, Texas. (E. L. Lundelius, Jr. and J. A. Wilson, co-supervisors). Degree: PhD

S

Sagebiel, James Christopher, 1998. Late Pleistocene Fauna and Environment at Zesch Cave, Mason County, Texas. (E. L. Lundelius, Jr.). Degree: MS

Sahankaya, Sait, 1952. Areal Geology of Toyah Lake Area, Reeves County, Texas. (J. A. Wilson). Degree: MA

Sander, Paul Martin, 1984. Depositional Environment and Taphonomy of Some Fossil Vertebrate Occurrences in Lower-Permian Redbeds. (W. Langston, Jr.). Degree: MA

Schiebout, Judith Ann, 1970. Sedimentology of Paleocene Black Peaks Formation, Western Tornillo Flat, Big Bend National Park, Texas. (J. A. Wilson). Degree: MA

Schiebout, Judith Ann., 1973. Vertebrate Paleontology and Paleoecology of Paleocene Black Peaks Formation, Big Bend National Park, Texas. (J. A. Wilson). Degree: PhD

Semken, Holmes Alford Jr., 1960. Fossil Vertebrates from Longhorn Cavern, Burnet County, Texas. (E. L. Lundelius, Jr.). Degree: MA

Sheldon, Mary Amy, 1992. Ontogenetic Study of Selected Mosasaurs of North America. (T. B. Rowe). Degree: MA

Stevens, James Bowie, 1969. Geology of the Castolon Area, Big Bend National Park, Brewster County, Texas. (J. A. Wilson). Degree: PhD

Storrs, Glenn W., 1981. A Review of Occurrences of the Plesiosaurs (Reptilia: Sauropterygia) in Texas with Description of New Material. (W. Langston, Jr.). Degree: MA

Strain, William Samuel. 1964, Blancan Mammalian Fauna and Pleistocene Formations, Hudspeth County, Texas. (J. A. Wilson). Degree: MA

T

Taylor, Alisa J., 1982. The Mammalian Fauna from the Mid-Irvingtonian Fyllan Cave Local Fauna, Travis County, Texas. (E. L. Lundelius, Jr.). Degree: MA

Tebedge, Sleshi, 1980. Fossil Suidae from the Middle Awash Valley, Afar Depression, Ethiopia. (E. L. Lundelius, Jr.). Degree: MA

Tebedge, Sleshi, 1988. Paleontology and Paleoecology of the Pleistocene Mammalian Fauna of Dark Canyon Cave, Eddy County, New Mexico. (E. L. Lundelius, Jr.). Degree: PhD

Toomey, Rickard Stanley III, 1993. Late Pleistocene and Holocene Faunal and Environmental Changes at Hall's Cave, Kerr County, Texas. (E. L. Lundelius, Jr.). Degree: PhD

Tykoski, Ronald Stephen, 1998. Osteology of *Syntarsus kayentakatae* and its Implications for Ceratosaurid Phylogeny. (T. B. Rowe). Degree: MS

U

Urbanec, Don Alan, 1963. Stream Terraces and Related Deposits in the Austin Area, Texas. (E. L. Lundelius, Jr.). Degree: MA

V

Vanderhill, James B., 1986. Lithostratigraphy, Vertebrate Paleontology, and Magnetostratigraphy of Plio-Pleistocene Sediments in the Mesilla Basin, New Mexico. (E. L. Lundelius, Jr.). Degree: PhD

W

Walton, Anne H., 1986. Magnetostratigraphy and the Ages of Bridgerian and Uintan Faunas in the Lower and Middle Members of the Devil's Graveyard Formation, Trans-Pecos Texas. (E. L. Lundelius, Jr. and J. A. Wilson, co-supervisors). Degree: MA

Ward, William Cruse, 1957. Geology of the Bartons Creek Area, Bastrop and Fayette Counties, Texas. (J. A. Wilson). Degree: MA

Weil, Anne Inger, 1992. The Terlingua Local Fauna: Stratigraphy, Paleontology, and Multituberculate Systematics. (T. B. Rowe). Degree: MA

Westgate, James William, 1988. Biostratigraphic and Paleoeological Implications of the First Eocene Land Mammal Fauna from the North American Coastal Plain. (J. A. Wilson and E. L. Lundelius, Jr., co-supervisors). Degree: PhD

Winans, Melissa C., 1985. Revision of North American Fossil Species of the Genus *Equus* (Mammalia: Perissodactyla: Equidae). (E. L. Lundelius, Jr.). Degree: PhD

Winkler, Dale A., 1985. Stratigraphy, Vertebrate Paleontology and Depositional History of the Ogallala Group in Blanco and Yellowhouse Canyon, Northwestern Texas. (E. L. Lundelius, Jr.). Degree: PhD

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