

PRELIMINARY BIBLIOGRAPHY ON DOGS AND WOLVES, STRESSING THEIR PREHISTORIC AND HISTORIC OCCURRENCE, HYBRIDISATION, AND DOMESTICATION

Danny N. Walker
Wyoming State Archaeologist Office
Department of Anthropology
University of Wyoming
P.O. Box 3431
Laramie, WY 82071-3431
USA

Key words: dog, wolf, hybridisation, domestication, evolution, paleontology, archaeozoology

Abstract

The following working bibliography has been compiled to document published references on prehistoric dogs, wolf-dog hybrids, and North American wolves and other wild canids, stressing the morphology, identification, and behavior relating to domestication. It should not, however, be considered a complete, exhaustive listing, particularly since references to North American prehistoric domestic dogs are biased by availability. Also, only wolf bibliographic references that are generally, or specifically, addressed to the topics of morphology, identification, and behavior relating to domestication are listed. Missing also will be many references in a language other than English: although many European and Near Eastern literature citations discussing domestic dogs are included, these should not be considered a comprehensive listing. The working bibliography has been arbitrarily divided into 10 categories: prehistoric and early historic domestic dogs; prehistoric and early historic wolves; canid hybridization; domestication theory; folklore and general readings; osteology; morphology; behavior and ecology; biochemical identification studies; and wild canids.

Introduction

The following working bibliography has been compiled to document published references on prehistoric dogs, wolf-dog hybrids, and North American wolves and other wild canids, stressing the morphology, identification, and behavior relating to domestication. It should not be considered a complete, exhaustive listing of references on North American prehistoric domestic dogs, for many localities and sites are not represented (especially those in Canada). It also does not include those references where a discussion of canid remains are a minor part of a site report, or unpublished conference papers. I have attempted, however, to be fairly complete for primary research into prehistoric canids and modern wolf-dog hybrids of the United States. Many additional references may be available on these specific topics, such as site excavation reports (some listed here) that discuss prehistoric domestic canid remains from the site fauna. If there is a fault with this bibliography, it is this, because many such site reports are published in local or regional journals or exist only in the "grey literature" of cultural resource management and thus are not readily available. The prehistoric dog data available in FAUNMAP (FAUNMAP Working Group, 1994) and the Bibliography of Fossil Vertebrates (1998) list many references not included in this bibliography. I have compiled those references into a more exhaustive bibliography which will eventually be made available through the Wyoming State Archaeologist's Office web site.

Several wolf [both grey (*Canis lupus*) and red (*Canis rufus*)] bibliographies are more complete (see Aylsworth, 1997; Knee,

1995; Searching Wolf, 1998a, 1998b, 1998c; Smithsonian Institute, 1993; University of Wyoming, 1995) and should be consulted for details about wolves. Only those wolf bibliographic references that are generally, or specifically, addressed to the topics of morphology, identification, and behavior relating to domestication are listed. Additional references will be cited within these publications of a more general nature. Also missing will be many references in a language other than English. For example, there has been much study on domestic dogs from Central America and the Caribbean, but these are normally published by local journals or publishers in Spanish. Some Spanish dog references discussed by other authors are listed here, but again, have not been directly examined for additional citations. Many European and Near Eastern literature citations discussing domestic dogs are listed here, but based on availability of literature, these should not be considered a comprehensive listing.

The working bibliography has been arbitrarily divided into 10 categories: prehistoric and early historic domestic dogs; prehistoric and early historic wolves; canid hybridization; domestication theory; folklore and general readings; osteology; morphology; behavior and ecology; biochemical identification studies; and wild canids. Many of the references listed could fall into more than one of these categories, if a comprehensive indexing of these references were desired. However, for brevity purposes, I have placed the listings into the major topical category. Likewise, if both prehistoric domestic dog and wolf have been recorded from the same locality, the reference for that locality appears under the domestic dog section.

Dogs Through Time: An Archaeological Perspective

Proceedings of the 1st ICAZ Symposium on the History of the
Domestic Dog

Eighth Congress of the International Council for Archaeozoology
(ICAZ98)

August 23-29, 1998
Victoria, B.C., Canada



Edited by

Susan Janet Crockford

BAR International Series 889
2000

The Working Bibliography

Prehistoric and early historic dogs

- Alaska Geographic. (1987). Dogs of the North. *Alaska Geographic* 14.
- Allen, G. M. (1920). Dogs of the American aborigines. *Bulletin of the Museum of Comparative Zoology, Harvard University* 63, 431-517.
- Allen, G. M. (1939). Dog skulls from Uyak Bay, Kodiak Island. *Journal of Mammalogy* 20, 336-340.
- Allen, G. M. (1954). Canid remains from Pueblo Bonito and Pueblo del Arroyo. *Smithsonian Miscellaneous Collections* 124, 385-389.
- Allen, J. A. (1876). Geographical variation among North American mammals. *United States Geological and Geographical Survey of the Territories* 2, 309-344.
- Allison, M. J., Focacci, G. & Santoro, C. (1982). The pre-Columbian dog from Arica, Chile. *American Journal of Physical Anthropology* 59, 299-304.
- Altuna, J. & Mariezkurrena, K. (1992). Perros enanos en yacimientos romanos de la península ibérica. *Archaeofauna* 1, 83-86. [dwarf dogs from two Roman sites in Spain; Spanish, English summary].
- Amoss, P.T. (1993). Hair of the dog: unraveling pre-contact Coast Salish social stratification. In (A. Mattina & T. Montler (Eds) *American Indian Linguistics and Ethnography in Honor of Laurence C. Thompson*. Missoula: University of Montana, pp. 3-35..
- Anderson, A. J. (1981). Pre-European hunting dogs in the South Island, New Zealand. *New Zealand Journal of Archaeology* 3, 143-160.
- Anderson, A. J. (1990). Kuri. In (C. M. King, Ed) *The Handbook of New Zealand Mammals*. Auckland: Oxford University Press, pp. 280-287.
- Anderson, D. C. (1966). The Gordon Creek burial. *Southwestern Lore* 32, 1-9.
- Anell, B. (1969). Running down and driving of game in North America. *Studia Ethnographica Upsaliensia* 30.
- Arnesson-Westerdahl, A. (1983). A discovery of a mesolithic dog near Lake Hornborg. *Fauna och Flora* 78, 71-72. [Swedish].
- Baker, F. C. (1941). A study in ethnozoology of the prehistoric Indians in Illinois. *Transactions of the American Philosophical Society* 32, 51-78.
- Bannister, H. M. (1869). The Esquimaux dog. *American Naturalist* 3, 522-530.
- Barber, M. B., & Baroody, J. C. (1977). Analysis of vertebrate faunal remains from the Shannon site, Montgomery County, Virginia. *Quarterly Bulletin of the Archeological Society Virginia* 31, 101-113.
- Bardwell, J. (1981). *The paleoecological and social significance of the Zooarchaeological remains from Central Plains tradition earthlodges of the Glenwood locality, Mills County, Iowa*. Master's Thesis, University of Iowa.
- Barnett, H. G. (1955). *The Coast Salish of British Columbia*. Eugene: University of Oregon Press.
- Barton, B.S. (1803). On Indian dogs. *Alexander Tillock's Philosophical Magazine* 15, 1-9; 136-143.
- Barton, B.S. (1805). Some accounts of the different species and varieties of native American or Indian dogs. *Philadelphia Medical and Physical Journal* 1, 3-31.
- Bartosiewicz, L. (1994). Late neolithic dog exploitation: chronology and function. *Acta Archaeologica* 46, 59-71.
- Bayham, F. E. (1982). *A diachronic analysis of prehistoric animal exploitation at Ventana Cave*. Ph.D. Thesis, Arizona State University.
- Beebe, B. F. (1978). Two new Pleistocene mammals from Beringia. *American Quaternary Association Abstracts, 5th Biennial meeting*, p. 159.
- Beebe, B. F. (1980). A domestic dog (*Canis familiaris* L.) of probable Pleistocene age from Old Crow, Yukon Territory, Canada. *Canadian Journal of Archaeology* 4, 161-168.
- Benecke, N. (1987). Studies on early dog remains from northern Europe. *Journal of Archaeological Science* 14, 31-49.
- Benecke, N. (1994). Archäozoologische Studien zur Entwicklung der Haustierhaltung in Mitteleuropa und Skandinavien von den Anfängen bis zum ausgehenden Mittel-alter. *Schriften zur Ur- und Frühgeschichte* 46 [more male skeletons than female in dog burials].
- Berta, A. (1981). Fossil wolves, coyotes, and dogs of Florida. *Plaster Jacket* 36, 8-24.
- Billat, S. E. (1985). *A study of Fremont subsistence at the Smoking Pipe site*. Master's Thesis, Brigham Young University.
- Blick, J. P. (1988). A preliminary report on the osteometric analysis of some aboriginal dogs (*Canis familiaris*) from Weyanoke Old Town, 44PG51, Prince George County, Virginia. *Quarterly Bulletin of the Archaeological Society of Virginia* 43, 1-13.
- Blumbergs, Z., Gejvall, N. G., & Verenius, C. (1974). Subboreal faunal remains from a peat-bog in Sandakra Village, in the parish of Skurup, Scania, S. Sweden. *Ossa* 1, 24-37.
- Boessneck, J. & Driesch, A. von den. (1978). Preliminary analysis of the animal bones from Tell Hesban. *Andrews University Seminary Studies* 16, 259-304.
- Bokonyi, S. (1975). Vlasac: An early site of dog domestication. In (A. I. Clason, Ed) *Archaeozoological Studies*. New York: American Elsevier, pp. 167-178.
- Bokonyi, S. (1984). Animal husbandry and hunting in TacGorsium: the vertebrate fauna of a Roman town in Pannonia. *Studia Archaeologica* VIII. Budapest: Akadémiai Kiadó.
- Bozell, J.R. (1988). Changes in the role of the dog in Protohistoric-Historic Pawnee culture. *Plains Anthropologist* 33, 95-111.
- Bozell, J. R. (1991). Fauna from the Hulme site and comments on central plains tradition subsistence variability. *Plains Anthropologist* 36, 229-253.
- Bozell, J. R. & Rogers, M.K. (1989). Great Oasis fauna from central Nebraska. *Central Plains Archaeology* 1, 3-36.
- Bozell, J. R., Snyder, L. M. & Falk, C.R. (1982). Descriptive analysis of unmodified vertebrate remains recovered from the Schuyler site (25CX1), Colfax County, Nebraska. *University of Nebraska, Department of Anthropology Technical Report* 82-06, 1-110.
- Brackenridge, H. M. (1904). Journal of a voyage up the river Missouri performed in eighteen hundred and eleven. In (R. G. Thwaites, Ed) *Early Western Travels, Volume 6*. Cleveland: Arthur H. Clark, pp. 22-166.
- Bradbury, J. (1904). Travels in the interior of America in the years 1809, 1810, and 1811. In (R. G. Thwaites, Ed) *Early Western Travels, Volume 5*. Cleveland: Arthur H. Clark, pp. 22-320.

- Breitburg, E. (1982). Analysis of Area A fauna. *Southern Illinois University, Center for Archeological Investigations Research Paper* 33, 861-957.
- Breitburg, E. (1983). An analysis of faunal remains from Wynnewood State Historical site, Sumner County, Tennessee, and its implications to Tennessee plantation site archaeology in the central basin. *Tennessee Anthropologist* 8, 182-198.
- Breitburg, E. (1992). Faunal assemblage. *Illinois University, Center for Archeological Investigations Research Paper* 58, 182-194.
- Brightman, R. A. (1993). *Grateful prey: Rock Cree human-animal relationships*. Berkeley: University of California Press. [webbed feet in Peruvian dogs].
- Brzinski, M. & Savage, H. (1983). Dog sacrifices among the Algonkian Indians: An example from the Frank Bay Site. *Ontario Archaeology* 39, 33-40.
- Brothwell, D., Malaga, A. & Burleigh, R. (1979). Studies on Amerindian dogs, 2: Variation in early Peruvian dogs. *Journal of Archaeological Science* 6, 139-161.
- Brown, C., Kelley, J., Penman, J. & Sparling, J. (1973). Faunal analysis of the Cole Quarry Archaic site. *Bulletin of the New York State Archeological Association* 58, 25-40.
- Brown, O. H. (1974). An Indian's wealth was his dogs. *The Denver Post* November 10, 45-47.
- Bullen, R. P. & Benson, C. A. (1967). Cut wolf jaws from Tick Island, Florida. *Florida Anthropologist* 20, 175-177.
- Burleigh, R., Clutton-Brock, J., Fielder, P. J. & Sieveking, G. de G. (1977). A further consideration of Neolithic dogs with special reference to a skeleton from Grime's Graves (Norfolk), England. *Journal of Archaeological Science* 4, 353-366.
- Burleigh, R. & Brothwell, D. (1978). Studies on Amerindian dogs, 1: Carbon isotopes in relation to maize in the diet of domestic dogs from early Peru and Ecuador. *Journal of Archaeological Science* 5, 355-362.
- Butler, E. M. & Hadlock, W. S. 1949. Dogs of the Northeastern Woodland Indians. *Bulletin of the Massachusetts Archaeological Society* 10, 17-35.
- Byrd, K. M. (1974). *Tchefuncte subsistence patterns: Morton Shell Mound, Iberia Parish, Louisiana*. Master's Thesis, Louisiana State University.
- Cardinal, E. A. (1975). Faunal remains from the Zimmerman site, 1970. *Illinois State Museum Report Investigations* 32, 73-79.
- Churcher, C. S. (1993). Dogs from Ein Tirghi cemetery, Balat, Dakhlé Oasis, western desert of Egypt. In (A. Clason, S. Payne & H.-P. Uerpmann, Eds) *Skeletons in her Cupboard: Festschrift for Juliet Clutton-Brock*. Oxford: Oxbow Books, Monograph 34, pp. 39-60.
- Clark, C. P. (1990). A dog burial from Isle Royale, Lake Superior: an example of household ritual sacrifice in the terminal Woodland period. *Midcontinent Journal of Archaeology* 15, 265-78.
- Clark, C., Canaday, T. W. & Petersen, K. L. (1987). Domestic dog in the Dolores Archaeological Program faunal assemblage. In (K. L. Peterson & J. D. Orcutt, Eds) *Dolores Archaeological Program: Supporting Studies: Settlement and Environment*. Denver: United States Bureau of Reclamation, pp. 275-288.
- Clark, G. R. (1995). *The kuri in prehistory: a skeletal analysis of the extinct Maori dog*. Masters Thesis, University of Otago, New Zealand.
- Clark, G. R. (1997). Osteology of the kuri Maori: the prehistoric dog of New Zealand. *Journal of Archaeological Science* 24, 113-126.
- Clark, G. R. (1997). Anthropogenic factors and prehistoric dog morphology: a case study from Polynesia. *Archaeology Oceania* 32, 124-130.
- Clark, K. M. (1995). The later prehistoric and protohistoric dog: the emergence of canine diversity. *Archaeozoologia* 7, 9-32.
- Clark, K. M. (1996). Neolithic dogs: a reappraisal based on evidence from the remains of a large canid deposited in a ritual feature. *International Journal of Osteoarchaeology* 6, 211-219.
- Cleland, C. E. (1965a). Appendix 2: Analysis of the faunal remains of the Fatherland site. *Anthropology Papers American Museum Natural History* 51, 96-101.
- Cleland, C. E. (1965b). Faunal remains from bluff shelters in northwest Arkansas. *Arkansas Archeologist* 6, 39-63.
- Cleland, C. E. (1966). The prehistoric animal ecology and ethnozoology of the Upper Great Lakes Region. *University of Michigan Museum of Anthropology Papers* 29.
- Cleland, C. E. (1970). Comparison of the faunal remains from French and British refuse pits at Fort Michilimackinac: A study in changing subsistence pattern. *Canadian Historical Site Occasional Papers in Archeology and History* 3, 3-23.
- Cleland, C.E. & Kearney, J. (1967). The vertebrate fauna of the Chesser Cave site, Athens County, Ohio. In (O. H. Prufer & D. H. McKenzie, Eds) *Studies in Ohio Archaeology*. Cleveland: Press of Western Reserve University, pp. 43-48.
- Clutton-Brock, J. (1959). Niah's Neolithic dog. *The Sarawak Museum Journal* 9, 13-14.
- Clutton-Brock, J. (1961). Near Eastern canids and the affinities of the Natufian dogs. *Zeitschrift für Tierzuchtung und Zuchungsbiologie* 76, 326-333.
- Clutton-Brock, J. (1979). Mammalian remains from the Jerico Tell. *Proceedings of the Prehistoric Society* 45, 135-157.
- Clutton-Brock, J. (1983). The skeleton of a dog from Machrins, Colonsay. *Proceedings of the Society of Antiquaries of Scotland* 111, 276-278.
- Clutton-Brock, J. (1989). A dog and a donkey excavated at Tell Brak. *Iraq* 51, 217-224.
- Clutton-Brock, J. (1996). The legacy of Iron Age dogs and livestock in southern Africa. *Azania XXXIX-XXX*, 161-167.
- Clutton-Brock, J. & Burleigh, R. (1992). The osteology and dating of the skeleton of a large hunting dog. In (V. K. Blockley, Ed) *Archaeology of Canterbury*. HBMC & Canterbury Archaeology Trust.
- Clutton-Brock, J. & Hammond, N. (1994). Hot dogs: comestible canids in Preclassic Maya culture at Cuello, Belize. *Journal of Archaeological Science* 21, 819-826.
- Clutton-Brock, J. & Noe-Nygaard, N. (1990). New osteological and C-isotope evidence on Mesolithic dogs: comparisons to hunters and fishers at Star Carr, Seamer Carr and Kongemose. *Journal of Archaeological Science* 17, 643-653.
- Colbert, E. H. (1950). The fossil vertebrates. In (E. W. Haury, Ed) *The Stratigraphy and Archaeology of Ventana Cave*. Tucson: University of Arizona Press, pp. 126-148.
- Colburn, M. L. & Martin, T. J. (1985). P-Flat site, 47AS47, Manitou Island, Wisconsin: Faunal remains from the 1984 excavations. Ms. on file. Springfield: Illinois State Museum.

- Colton, H. S. (1970). The aboriginal southwestern Indian dog. *American Antiquity* 35, 153-159.
- Cope, E. D. (1883). On the extinct dogs of North America. *The American Naturalist* 17, 235-249.
- Coues, E. (1893). *History of the Expedition Under the Command of Lewis and Clark*. 3 volumes. New York: Francis P. Harper.
- Crellin, D. (1994). *Is there a dog in the house?: The cultural significance of prehistoric domesticated dogs in the mid Fraser region of British Columbia*. Masters Thesis, Simon Fraser University, Burnaby.
- Crockford, S. J. (1997). *Osteometry of Makah and Coast Salish Dogs*. Burnaby: Simon Fraser University Archaeology Press 22.
- Crockford, S. J. & Pye, C. J. (1997). Forensic reconstruction of prehistoric dogs from the Northwest Coast of North America. *Canadian Journal of Archaeology* 21, 149-153.
- Cumbaa, S. L. (1971). A comparison of animal bones from six Indian sites on Marco Island, Florida. Ms.on file. Gainesville: Florida Museum Natural History.
- Curran, C. B. (1976). Prehistoric and early historic occupation of the Mobile Bay and Mobile Delta area of Alabama with an emphasis on subsistence. *Journal of Alabama Archaeology* 22, 61-85.
- Curran, C. B., Reitz, B. & Walden, J. (1977). Chapter VI faunal remains, bone and shell artifacts. *University of Alabama Office of Archaeological Research Series* 2, 173-192.
- Cybulski, J. S. (1992). *A Greenville Burial Ground: Human Remains and Mortuary Elements in British Columbia Coast Prehistory*. Archaeological Survey of Canada Mercury Series 146.
- Dalquest, W. W., Roth, E. & Judd, F. (1969). The mammal fauna from Schultz Cave, Edwards County, Texas. *Florida State Museum Bulletin* 13, 206-276.
- Davis, L. C. (1987). Late Pleistocene/ Holocene environmental changes in the central plains of the United States: The mammalian record. *Illinois State Museum Scientific Papers* 22, 88-143.
- Davis, S. J. M. (1981). The effects of temperature change and domestication on the body size of Late Pleistocene to Holocene mammals of Israel. *Paleobiology* 7, 101-114.
- Davis, S. J. M. & Valla, F. R. (1978). Evidence for domestication of the dog 12,000 years ago in the Natufian of Israel. *Nature* 276, 608-610.
- Day, L. P. (1984). Dog burials in the Greek world. *American Journal of Archaeology* 88, 21-32.
- Day, S. P. (1996). Dogs, deer and diet at Star Carr: A reconsideration of C-isotope evidence from Early Mesolithic dog remains from the Vale of Pickering, Yorkshire, England. *Journal of Archaeological Science* 23, 783-787.
- Dayan, T. (1994). Early domesticated dogs of the Near East. *Journal of Archaeological Science* 21, 633-640.
- De Bonis, L. & Lebeaux, M. O. (1974). Discovery of a canid skull in the quaternary of Cantal: Multi-dimensional study of the discriminant features between dogs and wolves. *Mammalia* 38, 717-728. [French, English summary].
- De Grossi Mazzorin, J. & Tagliacozzo, A. (1998). Dog remains in Italy from the Neolithic to the Roman period. *Anthropozoologica* 25/26, 429-440.
- De Smet, Father P., S. J. (1905). *Life, Letters and Travels of Father Pierre-Jean De Smet, S.J. 1801-1873*. 4 volumes. (H. M. Chittenden & A. Talbot, Eds) New York: Francis P. Harper.
- Degerbl, M. (1961). On a find of a Preboreal domestic dog (*Canis familiaris* L.) from Star Carr, Yorkshire, with remarks on other Mesolithic dogs. *Proceedings of the Prehistoric Society* 27, 35-55.
- Dixon, E. J. & Smith, G. S. (1986). Broken canines from Alaskan cave deposits: Re-evaluating evidence for domesticated dog and early humans in Alaska. *American Antiquity* 51, 341-351.
- Douglas, C. & Leslie, Jr., D. M. (1982). Two kinds of small Indian dogs from Black Mesa, Arizona. *Journal of the Arizona-Nevada Academy of Science* 16, 88-90.
- Driver, J. C. (1985). Zooarchaeology of six prehistoric sites in the Sierra Blanca Region, New Mexico. *University of Michigan Museum of Anthropology Technical Reports* 17.
- Duffield, L. F. (1969). The vertebrate faunal remains from the School Land I and School Land II sites, Delaware County, Oklahoma. *Bulletin of the Oklahoma Anthropology Society* 18, 47-66.
- Duffield, L. F. (1970). *Some Panhandle aspect sites: their vertebrates and paleoecology*. Ph.D. Thesis. University of Wisconsin, Madison.
- Dunbar, Rev. J. B. (1918). Letters concerning the Presbyterian mission in the Pawnee country, near Bellevue, Nebraska, 1831-1849. *Kansas State Historical Society Collections* 14, 570-689.
- Dyck, I. & Morlan, R. E. (1995). The Sjovold site: A river crossing campsite in the Northern Plains. *Archaeological Survey of Canada Mercury Series Paper* 151, 1-615.
- Eakin, D. (1979). Faunal remains from the Garrett Allen site, Wyoming. Ms. on file. Laramie: University of Wyoming.
- Emslie, S. D. (1978). Dog burials from Mancos Canyon, Colorado. *The Kiva* 43, 167-182.
- Emslie, S. D. (1986a). Faunal remains from Dos Casas hamlet. In (D. Breternitz, Ed) *Dolores Archaeological Program: Anasazi Communities at Dolores: Early Anasazi Sites in the Sagehen Flats Area*. Denver: Department of the Interior, Bureau of Reclamation, pp. 631-635.
- Emslie, S. D. (1986b). Faunal report for Prairie Dog hamlet. In (D. Breternitz, Ed) *Dolores Archaeological Program: Anasazi Communities at Dolores: Early Anasazi Sites in the Sagehen Flats Area*. Denver: Department of the Interior, Bureau of Reclamation, pp. 481-493.
- Emslie, S. D. (1986c). Faunal remains from Casa Bodega hamlet. In (D. Breternitz, Ed) *Dolores Archaeological Program: Anasazi Communities at Dolores: Early Anasazi Sites in the Sagehen Flats Area*. Denver: Department of the Interior, Bureau of Reclamation, pp. 537-538.
- Eshelman, R. & Grady, F. (1986). Quaternary vertebrate localities of Virginia and their avian and mammalian fauna. *Virginia Division Mines, Minerals, Resources Publication* 75, 43-70.
- Ewers, J. C. (1960). A Blood Indian's conception of tribal life in Dog days. *The Blue Jay* 18, 44-48.
- Falk, C. R. (1969a). Faunal remains; faunal evidence. *Plains Anthropologist Memoir* 6, 44-51.
- Farnham, T. J. (1904). Travels in the great western prairies, the Anahuac and Rocky mountains, and the Oregon country. In (R. G. Thwaites, Ed) *Early Western Travels*, Vol. 28. Cleveland: Arthur H. Clark, pp. 25-380.

Bibliography of dogs & wolves

- Faunmap Working Group. (1994). FAUNMAP: A database documenting Late Quaternary distributions of mammal species in the United States. *Illinois State Museum Scientific Papers* 25.
- Fradkin, A. (1979). Faunal remains from the Alderman site, Volusia County, Florida. *Florida Anthropologist* 32, 75-83.
- Fraser, F. C. & King, J. E. (1949). A preliminary report on the Star Carr bone remains. *Proceedings of the Prehistoric Society* 15, 67.
- Frison, G. C., Wilson, M. & Walker, D. N. (1978). The Big Goose Creek site: bison procurement and faunal analysis. *Occasional Papers on Wyoming Archeology* 1, 1-50.
- Funk, R. E., Fisher, D. W. & Reilly, Jr., E. M. (1970). Caribou and Paleo-indian in New York state: a presumed association. *American Journal Science* 268, 181-186.
- Futch, R. S. (1979). *Prehistoric human ecology at the Morton Shell Mound (16IB3), Iberia Parish, Louisiana*. Masters Thesis, Louisiana State University.
- Gilmore, M. R. (1933). The Arikara method of preparing a dog for a feast. *Papers of the Michigan Academy of Science, Arts and Letters* 19, 37-38.
- Gilmore, R. M. (1946). Mammals in archeological collections from southwestern Pennsylvania. *Journal of Mammalogy* 27, 227-234.
- Gilmore, R. M. (1950). Fauna and ethnozoology of South America. *Bulletin of the Bureau of American Ethnology* 143, 345-364.
- Gleeson, P. F. (1970). *Dog remains from the Ozette village archaeological site*. Masters Thesis, Washington State University.
- Gollan, K. (1980). *Prehistoric dingo*. Ph.D. Thesis, Australian National University.
- Graham, M. A., Wilson, M. C. & Graham, R. W. (1987). Paleoenvironments and mammalian faunas of Montana, southern Alberta, and southern Saskatchewan. *Illinois State Museum Scientific Papers* 22, 410-459.
- Graham, R. W. (1987). Late Quaternary mammalian faunas and paleoenvironments of the southwestern Plains of the United States. *Illinois State Museum Scientific Papers* 22, 24-86.
- Grayson, D. K. (1973). *The avian and mammalian remains from Nightfire Island*. Ph.D. Thesis, University of Oregon.
- Grayson, D. K. (1974). The Riverhaven No. 2 vertebrate fauna: comments on methods in faunal analysis and on aspects of the subsistence potential of prehistoric New York. *Man in the Northeast* 8, 23-39.
- Grayson, D. K. (1977). Paleo-climatic implications of the Dirty Shame Rockshelter mammalian fauna. *Tebiwa* 9, 1-26.
- Grayson, D. K. (1988). Danger Cave, Last Supper Cave, and Hanging Rock Shelter: the faunas. *Anthropological Papers of the American Museum of Natural History* 66.
- Green, M. (1992). *Animals in Celtic Life and Myth*. London: Routledge.
- Greene, J. L. & Matthews, T. W. (1976). Faunal study of unworked mammal bones. In (E. W. Haury, Ed) *The Hohokam: Desert Farmers and Craftsmen: Excavations at Snaketown, 1964-1965*. Tucson: University of Arizona Press, pp. 367-373.
- Guernsey, S. J. & Kidder, A. V. (1921). Basket Maker caves of northeastern Arizona. *Papers of the Peabody Museum of American Archaeology and Ethnology Harvard University* 7.
- Guilday, J. E. (1955). Animal remains from an Indian village site, Indiana County, Pennsylvania. *Pennsylvania Archaeologist* 25, 142-147.
- Guilday, J. E. (1961). Vertebrate remains from the Varner site. *Pennsylvania Archaeologist* 31, 119-23.
- Guilday, J. E. (1963). Bone refuse from the Oakfield site, Genesee County, New York. *Pennsylvania Archaeologist* 33, 12-15.
- Guilday, J. E. (1965). Bone refuse from the Lamoka Lake site. In (W. A. Ritchie, Ed) *The Archeology of New York State*. Garden City: Natural History Press, pp. 56-58.
- Guilday, J. E. (1969). Faunal remains from Dutchess Quarry Cave No. 1. *Pennsylvania Archaeologist* 39, 7-22.
- Guilday, J. E. (1971). Biological and archeological analysis of bone from a 17th century Indian village (46PU31), Putnam County, West Virginia. *West Virginia Geological Economy Survey, Report on Archeological Investigations* 4, 1-64.
- Guilday, J. E. (1973a). Faunal remains from the Nahrwold No. 1 site. *New York State Museum Memoir* 20, 288-290.
- Guilday, J. E. (1973b). Vertebrate faunal remains from the Garoga site, Fulton County, New York. *New York State Museum Memoir* 20, 329-330.
- Guilday, J. E. & Adam, E. K. (1967). Small mammal remains from Jaguar Cave, Lemhi County, Idaho. *Tebiwa* 10, 26-36.
- Guilday, J. E. & Parmalee, P. W. (1965). Animal remains from the Sheep Rock Shelter (36 HU 1), Huntington County, Pennsylvania. *Pennsylvania Archaeologist* 35, 34-49.
- Guilday, J. E. & Parmalee, P. W. (1975). Faunal remains from the Zebree site. *Archeological Survey Research Report* 4, 228-234.
- Guilday, J. E., Parmalee, P. W. & Tanner, D. P. (1962). Aboriginal butchering techniques at the Eschelman site (36LA12), Lancaster County, Pennsylvania. *Pennsylvania Archaeologist* 32, 59-83.
- Guilday, J. E. & Tanner, D. P. (1965). Vertebrate remains from the Mount Carbon site, (46-Fa-7), Fayette County, West Virginia. *West Virginia Archeologist* 18, 1-14.
- Guilday, J. E. & Tanner, D. P. (1966). Animal remains from the Westmoreland-Barber site (40Mi-11), Marion County, Tennessee. In (C. Faulkner & J. B. Graham, Eds) *Westmoreland-Barber Site (40Mi-11) Nickajack Reservoir season II*, Knoxville: University of Tennessee, pp. 138-140.
- Guilday, J. E. & Tanner, D. P. (1966). The vertebrate fauna from Mound City. In *Mound City Revised*. Columbus: Report to the National Park Service by the Ohio Historical Society.
- Guilday, J. E. & Tanner, D. P. (1969). Vertebrate remains from the Fairchance Mound (46Mr13), Marshall County, West Virginia. *West Virginia Archeologist* 21, 41-54.
- Gustafson, P. (1980). *Salish Weaving*. Vancouver: Douglas & McIntyre Ltd.
- Haag, W. G. (1947). Dog remains in archaeological sites. *Plains Archaeology Conference Newsletter* 1, 27-28.
- Haag, W. G. (1948). An osteometric analysis of some aboriginal dogs. *University of Kentucky Department of Anthropology Reports in Anthropology* 7, 107-264.
- Haag, W. G. (1948). Dog remains in archeological sites. *Plains Archeological Conference News Letter* 1, 27-28.
- Haag, W. G. (1954). A mummified dog from the Lighthouse Site, Supe. In (G. R. Willey & J. M. Corbett, Eds) *Early Ancon and Early Supe Culture*. New York: Columbia University Press, pp. 138-140.

- Haag, W. G. (1966). Two dog skeletons from Caldwell Village. *University of Utah Anthropological Papers* 84, 97-101.
- Haag, W. G. (1970). Dog remains from Hogup Cave. *University of Utah Anthropological Papers* 93, 273-274.
- Haag, W. G. (1983). Appendix G: Dog remains from the Wildcat Canyon site. *University of Oregon Anthropological Papers* 30.
- Haag, W. G. & Heizer, R. F. (1953). A dog burial from the Sacramento Valley. *American Antiquity* 18, 263-264.
- Hale, H. S. (1989). *Prehistoric subsistence strategies and settlement patterns in the Lake Okeechobee Basin of the South Florida Peninsula*. Ph.D. Thesis, University of Florida.
- Hamblin, N. L. (1984). *Animal Use by the Cozumel Maya*. Tucson: University of Arizona Press.
- Hammond, G. P. & Rey, A. (1940). Narratives of the Coronado Expedition, 1540-1542. *University of New Mexico, Coronado Historical Series II*.
- Harcourt, R. A. (1967). Osteoarthritis in a Romano-British dog. *Journal of Small Animal Practice* 8, 521-522.
- Harcourt, R. A. (1974). The dog in prehistoric and Early Historic Britain. *Journal of Archaeological Science* 1, 151-175.
- Harris, A. H. (1963). *Vertebrate Remains and Past Environmental Reconstruction in the Navajo Reservoir District*. Museum of New Mexico Papers in Anthropology 11.
- Harrison, T. (1965). Three 'secret' communication systems among Borneo nomads (and their dogs). *Journal of the Malaysian Branch of the Royal Asiatic Society* 38, 67-86.
- Harten, L. B. (1975). *The osteology of the human skeletal material from the Braden site, 10WN117, in western Idaho*. Masters Thesis, Idaho State University.
- Henderson, N. (1994). Replicating dog travois travel on the Northern Plains. *Plains Anthropologist* 39, 145-159.
- Higham, C. (1968). Size trends in prehistoric European domestic fauna and the problem of local domestication. *Acta Zoologica Fennica* 120, 1-21.
- Higham, C. F. W., Kijngam, A. & Manly, B. F. J. (1980). An analysis of prehistoric canid remains from Thailand. *Journal of Archaeological Science* 7, 149-165.
- Hill, F. C. (1972). *A Middle Archaic Dog Burial in Illinois*. Evanston: Foundation for Illinois Archaeology.
- Hirshfeld, S. E. (1968). Vertebrate fauna of Nichol's Hammock, a natural trap. *Quarterly Journal Florida Academy Science* 31, 177-189.
- Howay, F. W. (1918). The dog's hair blankets of the Coast Salish. *Washington Historical Quarterly* 9, 83-92.
- Hudson, J. (1993). The impacts of domestic dogs on bone in forager camps. *Southern Illinois University at Carbondale Center for Archaeological Investigations Occasional Paper* 21, 301-323.
- Irving, J. T., Jr. (1835). *Indian Sketches Taken During an Expedition to the Pawnee Tribes (1833)*. Philadelphia: Carey, Lea & Blanchard.
- Jackson, J. W. (1935). The animal remains from the Stonehenge Excavations of 1920-1926. *Antiquaries Journal* 15, 434.
- Jackson, J. W. (1935). Report on the skeleton of the dog from ash pit C. *Wiltshire Archaeological and Natural History Magazine* 47, 76-78.
- James, E. (1904). An account of an expedition from Pittsburgh to the Rocky Mountains performed in the years 1819 & 1820. In (R. G. Thwaites, Ed) *Early Western Travels*, Volume 2. Cleveland: Arthur H. Clark, pp.1-321.
- Jelinek, A. J. (1969). Identification of mammalian fauna. *University of Michigan, Museum of Anthropology Papers* 40, 127-133.
- Jenkins, J. T. & Semken, Jr., H. A. (1972). Faunal analysis of the Lane Enclosure, Allamakee County, Iowa. *Proceedings of the Iowa Academy of Science* 78, 76-78.
- Jennings, J. D. (1957). *Danger Cave*. University of Utah Anthropology Papers 27.
- Johnson, E. M. (1975). Faunal and floral material from a Kansas City Hopewell site: analysis and interpretation. *Museum Texas Tech University Occasional Papers* 36, 1-37.
- Johnson, E. M. (1987). Vertebrate remains. In (E. Johnson, Ed) *Lubbock Lake: Late Quaternary Studies on the Southern High Plains*. College Station: Texas A&M University Press, pp. 49-89.
- Jones, R. (1970). Tasmanian aborigines and dogs. *Mankind* 7, 256-271.
- Kay, M. (1975). *Central Missouri Hopewell subsistence-settlement system*. Ph.D. Thesis, University of Colorado.
- Kay, M. (1980). The central Missouri Hopewell subsistence-settlement system. *Missouri Archaeological Society* 15.
- Keber, E. Q. (1992). Xolotl: Dogs, death, and deities in Aztec myth. *Latin American Indian Literatures Journal* 8, 229-239.
- Keddie, G. (1993). Prehistoric dogs of BC: wolves in sheep's clothing. *The Midden* 25, 3-5.
- Kelley, J. E. (1975). Zooarchaeological analysis at Antelope House: Behavioral inferences from distribution data. *The Kiva* 41, 81-85.
- Kent, S. (1981). The dog: an archaeologist's best friend or worst enemy. The spatial distribution of faunal remains. *Journal of Field Archaeology* 8, 367-372.
- Kent, S. (1993). Variability in faunal assemblages: the influence of hunting skill, sharing, dogs, and mode of cooking on faunal remains at a sedentary Kalahari community. *Journal of Anthropological Archaeology* 12, 323-385.
- Kerber, J. E. (1997a). *Lambert Farm: Public Archaeology and Canine Burials Along Narragansett Bay*. New York: Harcourt Brace.
- Kerber, J. E. (1997b). Native American treatment of dogs in northeastern North America: archaeological and ethnohistorical perspective. *Archaeology of Eastern North America* 25, 81-96.
- Kerber, J. E., Leveille, A. & Greenspan, R. (1989). An unusual dog burial feature at the Lambert Farm site, Warwick, Rhode Island: preliminary observations. *Archaeology of Eastern North America* 17, 165-174.
- Kroeber, A. L. (1941). Culture element distributions: XV. Salt, dogs, tobacco. *University of California Anthropological Records* 6, 1-20.
- Krozer, K. (1991). Canid remains at kill sites: a case study from the Oldman River Dam Project. *Alberta Archaeological Survey Occasional Paper* 33, 81-100.
- Kurtin, B. & Anderson, E. (1972). The sediments and fauna of Jaguar Cave, II: the fauna. *Tebiwa* 15, 21-45.
- Lang, R. W. (1968). The natural environment and subsistence economy of the McKees Rocks Village site. *Pennsylvania Archaeologist* 38, 50-80.
- Lang, R. W. & Harris, A. H. (1984). The faunal remains from Arroyo Hondo Pueblo, New Mexico: A study in short-term subsistence change. *School of American Research Press Arroyo Hondo Archaeological Series* 5.

Bibliography of dogs & wolves

- Lawrence, B. (1944). Bones from the Governor Area. In (E. T. Hall, Jr.) *Early Stockaded Settlements in the Governor New Mexico*. New York: Columbia University Press, pp. 73-78.
- Lawrence, B. (1951). Mammals found at the Awatovi site. *Peabody Museum, Harvard University* 4.
- Lawrence, B. (1951). Discussion of canid remains from the Southwest. *Papers of the Peabody Museum of American Archaeology and Ethnology* 35, 5-43.
- Lawrence, B. (1953). Appendix E: Cave fauna. *Papers of the Peabody Museum of American Archaeology and Ethnology* 48, 80-81.
- Lawrence, B. (1966). Early domestic dogs. *Zeitschrift für Säugetierkunde* 32, 44-59.
- Lawrence, B. (1968). Antiquity of large dogs in North America. *Tebiwa* 11, 43-49.
- Lawrence, B. (1977). Dogs from the Dominican Republic. *Cuadernos del Cendia. Centro Dominicano de Investigaciones Anthropologicas (Cendia)* 268, 3-19.
- Lawrence, B. & Reed, C. A. (1983). The dogs from Jarmo. In (L. S. Braidwood, R. J. Braidwood, B. Howe, C. A. Reed, & P. J. Watson, Eds) *Prehistoric Archaeology along the Zagros Flanks*. Chicago: University of Chicago Oriental Institute, pp. 485-489.
- Leonard, R. D. W. (1989). *Anasazi Faunal Exploitation: Prehistoric Subsistence on Northern Black Mesa, Arizona*. Southern Illinois University Center for Archaeological Investigations Occasional Paper 13.
- Leveillee, A. (1993). Eastern Woodland mortuary practices as reflected in canine burial features at the Lambert Farm site, Warwick, Rhode Island. *Bulletin of the Massachusetts Archaeological Society* 54, 19-24.
- Lewis, R. B. (1974). Mississippian exploitative strategies: a southeast Missouri example. *Missouri Archaeological Society* 11, 1-63.
- Lewis, R. B. (1979). *Hunter-gatherer foraging: some theoretical explanations and archeological tests*. Ph.D. Thesis, University of Illinois.
- Lippold, L. K. (1973a). Animal resource utilization at the Cooper's Shore site (47RO2) Rock County, Wisconsin. *Wisconsin Archeologist* 54, 36-62.
- Lippold, L. K. (1973b). Animal resource utilization at Wisconsin Effigy mound sites. *Wisconsin Archeologist* 54, 135-152.
- Livingston, S. (1984). Faunal analysis. In (E. Lohse, Ed) *Archeological Investigations at Site 45-OK-11 Chief Joseph Dam project, Washington*. Seattle: University of Washington (Institute of Environmental Studies), pp. 181-192.
- Livingston, S. (1985). Faunal analysis. In (M. Jaehnig, Ed) *Archeological Investigations at Site 45-OK-258, Chief Joseph Dam Project, Washington*. Seattle: University of Washington (Institute of Environmental Studies), pp. 117-133.
- Livingston, S. (1988). *The avian and mammalian faunas from Lovelock Cave and the Humboldt Lakebed site*. Ph.D. dissertation, University of Washington, Seattle.
- Livingston, S. & Lyman, R. L. (1984). Faunal analysis. In (E. Lohse, Ed) *Archeological Investigations at Site 45-DO-242 and 45-DO-243. Chief Joseph Dam Project, Washington*. Seattle: University of Washington (Institute of Environmental Studies), pp. 131-142.
- Long, J. (1904). Voyages and travels of an Indian interpreter and trader, describing the manners and customs of the North American Indians. In (R. G. Thwaites, Ed) *Early Western Travels*, Vol. 2. Cleveland: Arthur H. Clark, pp.22-329.
- Lopex, J. & Wisniewski, S. (1956). Discovery of a possible ceremonial dog burial in the City of Greater New York. *Bulletin of the Archeological Society of Connecticut* 29, 14-19.
- Lukens, P. W., Jr. (1963). *Some ethnozoological implications of mammalian faunas from Minnesota archeological sites*. Ph.D. Thesis, University of Minnesota.
- Lundelius, E. L., Jr. (1967). Late Pleistocene and Holocene faunal history of central Texas. In (P. S. Martin & H. E. Wright, Jr., Eds) *Pleistocene Extinctions: A Search for a Cause*. New Haven: Yale University Press, pp. 287-319.
- Lundelius, E. L., Jr., Graham, R. W., Anderson, E., Guilday, J., Holman, J. A., Steadman, D. W. & Webb, S. D. (1983). Terrestrial vertebrate faunas. In (S.C. Porter, Ed) *Late-Quaternary Environments of the United States: Vol. I, the Late Pleistocene*. Minneapolis: University of Minnesota Press, pp.311-353.
- Lupo, K. D. & Janetski, J. C. (1994). Evidence of domesticated dogs and some related canids in the eastern Great Basin. *Journal of California and Great Basin Anthropology* 16, 199-220.
- Lyman, R. L. (1976). *A cultural analysis of faunal remains from the Alpowa locality*. Master's Thesis, Washington State University.
- Lyman, R. L. (1987). Elk Creek zooarchaeology. In (R. M. Pettigrew & C. G. Lebow, Eds) *Data Recovery at Sites 35JA27, 35JA59, and 35JA100, Elk Creek Lake Project, Jackson County, Oregon*. Portland: U.S. Army Corps of Engineers, pp. D.1-D.37.
- Lyon P. J. (1970). Differential bone destruction: An ethnographic example. *American Antiquity* 35, 213-215.
- Mack, J. M. (1983). Archaeological investigations in the Salt Cave locality: Subsistence uniformity and cultural diversity on the Klamath River, Oregon. *University of Oregon Anthropology Papers* 29.
- Manson, C., MacCord, H. A. & Griffin, J.B. (1943). The culture of the Keyser Farm site. *Papers of the Michigan Academy Science, Arts and Letters* 29, 375-418.
- Marcus, L. F. (1960). A census of the abundant large Pleistocene mammals from Rancho La Brea. *Los Angeles County Museum Contributions to Science*
- Marrinan, R. A. (1980). Analysis of faunal remains from Sliding Slab Rock Shelter, Sebastian County, Arkansas. Ms. on file. Pauls Valley, OK: Environmental Assessments, Inc.
- Martin, R. A. & Webb, S. D. (1974). Late Pleistocene mammals from the Devil's Den fauna, Levi County. In (S. D. Webb, Ed) *Pleistocene Mammals of Florida*. Gainesville: University of Florida Presses, pp. 114-145.
- Martin, T. J. & Colburn, M. L. (1989). Faunal remains. *Michigan Archaeologist* 35, 135-152.
- McKee, D. F. (1988). *A faunal analysis of the River Bend site (48NO202): evidence of Protohistoric subsistence on the Northwest Plains*. Master's Thesis, University of Wyoming.
- McKern, S. T. (1988). Archaeological investigations at the Bessie Bottom site (48UT1186): late Prehistoric animal procurement in the Upper Bear River Drainage. *Western Wyoming College Archaeological Services, Cultural Resource Management Report* 45.
- McMillan, R. B. (1970). Early canid burial from the Western Ozark Highland. *Science* 167, 1246-1247.

- Michalik, L. K. (1982). An ecological perspective on the Huber phase subsistence-settlement system. *Minnesota Publications in Anthropology* 1, 29-53.
- Mick, L. S. (1983). *An ecological evaluation of faunal diversity in the Central Plains tradition*. Master's Thesis, University of Nebraska.
- Misner, E. J. & Reitz, E. J. (1992). Vertebrate fauna from Pump Canal (16SC27), Louisiana. Ms. on file. Athens: University of Georgia (Museum Natural History).
- Monk, S. (1984). *A Summary of Identified Vertebrate Remains Recovered from Mound City Group National Monument, Ross County, Ohio*. Lincoln, NB: Midwest Archeological Center.
- Mohl, J. (1986). Dog remains from a paleoeskimo settlement in West Greenland. *Arctic Anthropology* 23, 81-89.
- Molloy, P. (1993). Hunting practices at an Historic Plains Indian village: Kansa ethnoarchaeology and faunal analysis. *Plains Anthropologist* 38, 187-197.
- Montgomery, J. A. (1979). *Prehistoric subsistence at Semiahmoo Spit, 45WH17*. Master's Thesis, Western Washington University.
- Morey , D. F. (1986). Studies on Amerindian dogs: taxonomic analysis of canid crania from the Northern Plains. *Journal of Archaeological Science* 13, 119-145.
- Morey, D. F. & Klippel, W. F. (1991). Canid scavenging and deer bone survivorship at an Archaic Period site in Tennessee. *Archaeozoologica* 4, 11-28.
- Morey, D. F. & Wiant, M. D. (1992). Early Holocene domestic dog burials from the North American Midwest. *Current Anthropology* 33, 224-229.
- Morrison, D. (1984). A note on Thule culture dogs from Coronation Gulf, N.W.T. *Canadian Journal of Archaeology* 8, 149-157.
- Muehl, C. (1991). Dogs of the old Southwest. *Arizona Highways May*, 34-37.
- Murie, O. J. (1936). Dog skulls from St. Lawrence Island, Alaska. *Miscellaneous Publications of the University of Alaska* 2, 347-357.
- Murie, O. J. 1948. Dog skulls from Ipiutak. *Anthropological Papers of the American Museum of Natural History* 42, 255-264.
- Murphy, D. A. (1996). Dogs of destiny, hounds from Hell. American soldiers and canines in the Mexican War. *Military History of the West* 26, 35-48.
- Musil, R. (1970). Domestication of the dog already in the Magdalenian? *Anthropologie (Brno): International Journal of the Science of Man* 8, 87-88.
- Neumann, G. K. (1937). Faunal remains from Fulton County sites. In (F. C. Cole & T. Deuel, Eds) *Rediscovering Illinois*. Chicago: University of Chicago Press, pp. 265-268.
- Neusius, S. W. (1986a). Faunal remains from Windy Wheat Hamlet. In (D. Breternitz, Ed) *Anasazi Communities at Dolores: Early Anasazi Sites in the Sagehen Flats Area*. Denver, CO: Department Interior Bureau Reclamation, pp. 855-862.
- Neusius, S. W. (1986b). Faunal remains from Prince Hamlet. In (D. Breternitz, Ed) *Anasazi Communities at Dolores: Early Anasazi Sites in the Sagehen Flats Area*. Denver, CO: Department Interior Bureau Reclamation, pp.483-498.
- Neusius, S. W. (1986c). Faunal remains from Periman Hamlet Area 1. In (D. Breternitz, Ed) *Anasazi Communities at Dolores: Early Anasazi Sites in the Sagehen Flats Area*. Denver, CO: Department Interior Bureau Reclamation, pp.187-198.
- Neusius, S. W. (1986d). Faunal remains from Lemoc Shelter. In (D. Breternitz, Ed) *Anasazi Communities at Dolores: Early Anasazi Sites in the Sagehen Flats Area*. Denver, CO: Department Interior Bureau Reclamation, pp.279-296.
- Neusius, S. W. (1986e). Faunal remains from Aldea Sieritas. In (D. Breternitz, Ed) *Anasazi Communities at Dolores: Early Anasazi Sites in the Sagehen Flats Area*. Denver, CO: Department Interior Bureau Reclamation, pp.381-398.
- Neusius, S. W. & Gould, M. (1988). Faunal remains: implications for Dolores Anasazi adaptations. In (D. Breternitz, Ed) *Anasazi Communities at Dolores: Grass Mesa Village* Denver, CO: Department Interior Bureau Reclamation, pp.1049-1136.
- Noe-Nygaard, N. (1988). C13 values of dog bones reveal the nature of changes in man's food resources at the Mesolithic-Neolithic transition, Denmark. *Chemical Geology* 73, 87-96.
- Olsen, J. W. (1982). Prehistoric environmental reconstruction by vertebrate faunal analysis, Grasshopper Pueblo. *Anthropology Papers of the University of Arizona* 40, 63-72.
- Olsen, J. W. (1990). Vertebrate faunal remains from Grasshopper Pueblo, Arizona. *University of Michigan Museum of Anthropology Papers* 83.
- Olsen, S. J. (1968). Canid remains from Grasshopper Ruin. *The Kiva* 34, 33-40.
- Olsen, S. J. (1970). Two pre-Columbian dog burials from Georgia. *Bulletin of the Georgia Academy of Science* 28, 69-72.
- Olsen, S. J. (1972). Animal remains from Altar de Sacrificios. *Papers of the Peabody Museum of Archaeology and Ethnology* 64, 243-246.
- Olsen, S. J. (1972). The small Indian dogs of Black Mesa, Arizona. *Plateau* 45, 47-54.
- Olsen, S. J. (1974). Early domestic dogs in North America and their origins. *Journal of Field Archaeology* 1, 343-345.
- Olsen, S. J. (1976). The dogs of Awatovi. *American Antiquity* 41, 102-106.
- Olsen, S. J. (1978). Vertebrate faunal remains. *Memoirs of the Peabody Museum of Archaeology and Ethnology* 14, 172-176.
- Olsen, S. J., Olsen, J. W. & Guo-qin, Q. (1980). Domestic dogs from the Neolithic of China. *Explorers Journal Dec.*, 165-167.
- Parmalee, P. W. (1959). Animal remains from the Raddatz Rockshelter, Sk5, Wisconsin. *Wisconsin Archeologist* 40, 83-90.
- Parmalee, P. W. (1960a). Animal remains from the Aztalan site, Jefferson County, Wisconsin. *Wisconsin Archeologist* 41, 1-10.
- Parmalee, P. W. 1960b. Animal remains from the Durst Rockshelter, Sauk County, Wisconsin. *Wisconsin Archeologist* 41, 11-17.
- Parmalee, P. W. (1962a). Identification of the faunal remains from the Lawhorn site. *Missouri Archaeologist* 24, 95-96.
- Parmalee, P. W. (1962b). The faunal complex of the Fisher site, Illinois. *American Midland Naturalist* 68, 399-408.
- Parmalee, P. W. (1963). Vertebrate remains from the Bell site, Winnebago County, Wisconsin. *Wisconsin Archeologist* 44, 58-69.
- Parmalee, P. W. (1964). Vertebrate remains from an historic archaeological site in Rock Island County, Illinois.

Bibliography of dogs & wolves

- Transactions of the Illinois Academy of Science* 57, 167-174.
- Parmalee, P. W. (1963). Vertebrate remains from the Bell site, Winnebago County, Wisconsin. *Wisconsin Archeology* 44, 58-69.
- Parmalee, P. W. (1965). The food economy of Archaic and Woodland peoples at the Tick Creek Cave site, Missouri. *Missouri Archaeologist* 27, 1-34.
- Parmalee, P. W. (1965). The vertebrate fauna. *Cleveland Museum of Natural History Scientific Publications New Series* 4, 115-118.
- Parmalee, P. W. (1967). A recent cave bone deposit in southwestern Illinois. *Bulletin of the National Speleological Society* 29, 119-147.
- Parmalee, P. W. (1968). Vertebrate remains from the Mason site (40Fr8), Franklin County, Tennessee. *University of Tennessee, Department Anthropology Report Investigations* 6, 256-262.
- Parmalee, P. W. (1971). Fisher and porcupine remains from cave deposits in Missouri. *Transactions of the Illinois Academy of Science* 64, 225-229.
- Parmalee, P. W. (1972). Vertebrate remains from the Fifield site, Porter County, Indiana. *Indiana Historical Society Prehistoric Research Series* 5, 202-205.
- Parmalee, P. W. (1973). Faunal remains from the Kane Village site (Ms-194), Madison County, Illinois. *Bulletin of the Illinois Archaeological Survey* 9, 49-52.
- Parmalee, P. W. (1979). Inferred Arikara subsistence patterns based on a selected faunal assemblage from the Mobridge site, South Dakota. *Kiva* 44, 191-218.
- Parmalee, P. W. & Bogan, A. E. (1978). Cherokee and Dallas dog burials from the Little Tennessee River Valley. *Tennessee Anthropologist* 3, 100-112.
- Parmalee, P. W. & Bogan, A. E. (1980a). Vertebrate remains from early European and historic Indian occupations at the Waterman site, Randolph County, Illinois. *Transactions of the Illinois State Academy of Science* 73, 49-54.
- Parmalee, P. W. & Bogan, A. E. (1980b). A summary of the animal remains from the Noble-Wieting site (11ML28), McLean County, Illinois. *Transactions of the Illinois Academy of Science* 73, 1-6.
- Parmalee, P. W. & Klipper, W. E. (1983). The role of native animals in the food economy of the historic Kickapoo in central Illinois. *University of Michigan, Museum of Anthropology Papers* 72, 253-324.
- Parmalee, P. W., McMillan, R. B. & King, F. B. (1976). Changing subsistence patterns at Rodgers Shelter. In (W. R. Wood & R. B. McMillan, Eds) *Prehistoric Man and his Environments: A Case Study in the Ozark Highland*. New York: Academic Press, pp. 141-161.
- Parmalee, P. W. & Oesch, R. D. (1972). Pleistocene and recent faunas from the Brynjulfson caves, Missouri. *Illinois State Museum Report of Investigations* 25.
- Parmalee, P. W., Oesch, R. D. & Guilday, J. E. (1969). Pleistocene and recent vertebrate faunas from Crankshaft Cave, Missouri. *Illinois State Museum Report of Investigations* 14.
- Parmalee, P. W., Paloumpis, A. A. & Wilson, N. (1972). Animals utilized by Woodland peoples occupying the Apple Creek site, Illinois. *Illinois State Museum Reports of Investigations* 23, 1-62.
- Parmalee, P. W. & Reyman, J. E. (1971). Faunal remains from Peters Cave, Jackson County, Illinois. *Southern Illinois University Museum Research Records* 7, 61-64.
- Parmalee, P. W. & Shane, O. C. (1970). The Blain site vertebrate fauna. In (O. H. Prufer & O. C. Shane, Eds) *Blaine Village and the Fort Ancient Traditions in Ohio*. Kent, OH: Kent State University Press, pp. 185-206.
- Pavesic, M. G., Miller, S. J., Gamel, P. A. & Green, T. J. (1993). The DeMoss site: a material culture and faunal update. *Idaho Archaeologist* 16, 3-16.
- Pearson, C. E. (1984). Red Bud Creek: Late Prehistoric material culture and subsistence in coastal Georgia. *Early Georgia* 12, 1-39.
- Pferd, W., III. (1987). *Dogs of the American Indians*. Denlinger's Publishers, Fairfax, Virginia.
- Pillaert, E. E. (1969). Faunal remains from the Millville site (47GT53), Grant County, Wisconsin. *Wisconsin Archeologist* 50, 93-108.
- Pippin, L. C. (1987). Prehistory and paleoecology of Guadalupe Ruin, New Mexico. *University of Utah Anthropology Papers* 112, 129-173.
- Pohl, M. E. D. (1976). *Ethnozoology of the Maya: an analysis of fauna from five sites in the Petén, Guatemala*. Ph.D. Thesis, Harvard University.
- Pollack, H. E. D. & Ray, C. E. (1957). Notes on vertebrate animal remains from Mayapan. *Carnegie Institution Report* 41.
- Post, R. W. (1987). Dog remains from Devon Island, N.W.T.: Archaeological and osteological evidence for domestic dog use in Thule Culture. *Arctic* 40, 184-190.
- Potter, M. A. & Baby, R. S. (1964). Hopewellian dogs. *Ohio Journal of Science* 64, 36-40.
- Prufer, O. H. (1965). The McGraw site—a study in Hopewellian dynamics. *Scientific Publications of the Cleveland Museum of Natural History* 3, 1-144.
- Prummel, W. (1992). Early Medieval dog burials among the Germanic tribes. *Helinium* 32, 132-194.
- Purdue, J. R. (1982). The environmental implications of the fauna recovered from Rodgers Shelter. In (M. Kay, Ed) *Holocene Adaptations within the Lower Pomme de Terre River Valley, Missouri, Vol. I*. Kansas City: U. S. Army Corps of Engineers, pp 199-261.
- Putnam, F. W. (1899). [On finding of skulls and bones of Indian dogs.] *Report of Harvard College* 1897-98, 269.
- Quinones, K. E. (1991). Xolotl: dogs, death, and deities in Aztec myth. *Journal of Latin America Indian Literature* 7, 229-39.
- Rasmussen, D. L. (1974). New Quaternary mammal localities in the upper Clark Fork River valley, Western Montana. *Northwest Geology* 3, 62-70.
- Ray, C. E., Wills, D. L. & Palmquist, J. C. (1968). Fossil musk oxen of Illinois. *Illinois State Academy of Science* 61, 282-292.
- Reitz, E. J. (1985a). Comparison of Spanish and aboriginal subsistence on the Atlantic coastal plain. *Southeastern Archaeology* 4, 41-50.
- Reitz, E. J. (1985b). Faunal evidence for sixteenth century Spanish subsistence at St. Augustine, Florida. *Florida Anthropologist* 38, 54-69.
- Reitz, E. J. (1987a). Vertebrate and invertebrate fauna. In (E. M. Futato, Ed) *Archaeological Investigations at Shell Bluff and White Springs, Two Late Woodland Sites in the Tombigbee River Multi-resource District*. Mobile: US Army Corps of Engineers, pp. 193-199.
- Reitz, E. J. (1987a). Report on the faunal material excavated by West Georgia College from Colonel's Island. *West Georgia College Studies in the Social Sciences* 26, 63-79.

- Reitz, E. J. & Cumbaa, S. L. (1983). Diet and foodways of eighteenth-century Spanish St. Augustine. In (K. Deagan, Ed) *Spanish St. Augustine: The Archaeology of a Colonial Creole Community*. New York: Academic Press, pp.151-186.
- Reitz, E. J., Marrinan, R. A. & Scott, S. L. (1987). Survey of vertebrate remains from prehistoric sites in the Savannah River valley. *Journal of Ethnobiology* 7, 195-221.
- Reynolds, R. L. (1985). Domestic dog associated with human remains at Rancho La Brea. *Bulletin of the Southern California Academy of Science* 84, 76-85.
- Rock, C. (1980). A preliminary analysis of faunal remains at the Abercrombie site, Alabama. Ms. on file, Athens, GA: University of Georgia.
- Roe, F. G. (1939). From dogs to horses among the western Indian tribes. *Transactions of the Royal Society of Canada*, Sec. II/ Ser. 3, 33, 209-275.
- Roe, F. G. (1955). *The Indian and the Horse*. Norman: University of Oklahoma Press.
- Roe, P. G. (1995). Eternal companions: Amerindian dogs from Tierra firma to the Antilles. In (R. Alegra & M. Rodriguez, Eds) *Proceedings of the XV International Congress for Caribbean Archaeology*. San Juan, Puerto Rico, pp. 155-172.
- Rogers, K. (1975). Faunal remains from the Zimmerman site, 1972-Grid B. *Illinois State Museum Report of Investigations* 32, 86-91.
- Roll, T. E. & Deaver, K. (1980). *Bootlegger Trail Site: A Spring Bison Kill*. Washington, DC: Heritage Conservation and Recreation Service, Interagency Archeological Service.
- Roth, J. (1979). Analysis of faunal remains. In (D. J. Hally, Ed) *Archaeological Investigations of the Little Egypt Site (9Mu102)*, Murray County, Georgia. Ms. on file. Athens, GA: University of Georgia, pp. 570-591.
- Roys, R. L. (1931). *The Ethnobotany of the Maya*. New Orleans, LA: Tulane University, Middle American Research Institute Publication 2.
- Sadek-Kooros, H. (1972). The sediments and fauna of Jaguar Cave. I : the sediments. *Tebiwa* 15, 1-20.
- Sammis, C. G. (1978). *Mammalian osteo-archaeology of the Mitchell site, (39DV2)*, Mitchell, South Dakota. Master's Thesis, University of Iowa.
- Schmitt, D. (1986). *Zooarchaeology and taphonomic investigations of site 35JA42, upper Applegate River, southwestern Oregon*. Master's Thesis, Oregon State University.
- Schulting, R. (1994). The hair of the dog: the identification of a coast Salish dog-hair blanket from Yale, B.C. *Canadian Journal of Archaeology* 18, 57-76.
- Schwartz, M. (1997). *A History of Dogs in the Early Americas*. New Haven: Yale University Press.
- Scott, E. M. (1985). French subsistence at Fort Michilimackinac 1715-1781: The clergy and the traders. *Mackinac Island State Park Commission, Archeological Completion Report Series 9*.
- Scott, K. W. & Wilson, M. (1984). Dead Indian Creek local fauna. *The Wyoming Archaeologist* 27, 51- 62.
- Seler, E. (1890). The dog in ancient Mexico. *Congress des Amricanistes*, Berlin 1888, Session 7, 321-324.
- Semken, H. A., Jr. (1973). Faunal identifications. *University of Iowa Archeologist Report* 4, 66-67.
- Semken, H. A., Jr. (1980). Holocene climatic reconstructions derived from the three micromammal cultural horizons of the Cherokee Sewer site, Northwestern Iowa. In (D. C. Anderson & H. A. Semken, Jr., Eds) *The Cherokee Excavations: Holocene Ecology and Human Adaptations in Northwestern Iowa*. New York: Academic Press, pp. 67-99.
- Semken, H. A., Jr., & Falk, C. R. (1987). Late Pleistocene/Holocene mammalian faunas and environmental changes on the northern plains of the United States. *Illinois State Museum Scientific Papers* 22, 176-313.
- Semken, H. A., Jr., Miller, C. & Cordell, J. (1990). Inventory of identified vertebrates recovered from the Ft. Randall Historic site, South Dakota (39GR15). Ms. on file. Omaha, NE: US Army Corps of Engineers.
- Shigehara, N. (1994). Morphological changes in Japanese ancient dogs. *Archaeozoologica* 6 (2), 79-94.
- Shigehara, N., Guoqin, Q., Komiya, H. & Jing, Y. (1998). Morphological study of the ancient dogs from three Neolithic sites in China. *International Journal of Osteoarchaeology* 8, 11-22.
- Shigehara, N. & Onodera, S. (1984). Skeletal remains of the domestic dogs from Tagara shellmound. *Journal of the Anthropological Society of Nippon* 92, 187-210. [Japanese, English tables & abstract].
- Simpson, G. G. (1928). Pleistocene mammalian fauna of the Seminole Field, Pinellas County, Florida. *Bulletin of the American Museum of Natural History* 56, 561-599.
- Simoons, F. J. (1994). *Eat Not This flesh: Food Avoidances From Prehistory to the Present*. Madison: University of Wisconsin Press.
- Singer, M. (1968). Pygmies and their dogs: A note on culturally constituted defence mechanisms. *Ethos* 6, 270-279.
- Skaggs, Opal. (1946). A study of the dog skeletons from Indian Knoll with special reference to the coyote as progenitor. *University of Kentucky Reports in Anthropology* 4, 341-355.
- Smith, B. A. (1985). The use of animals at the 17th century mission of St. Ignace. *Michigan Archaeologist* 31, 97-122.
- Smith, B. D. (1975). Middle Mississippi exploitation of animal populations. *University of Michigan Museum of Anthropology Papers* 57.
- Smith, J. H. (1972). Faunal remains from the Evans Mound site. In (M. S. Berry, Ed) *The Evans Site*. Salt Lake City: University of Utah, Anthropology Special Report, pp. 220-233.
- Snyder, Lynn M. (1991). Barking mutton: ethnohistoric, archaeological and nutritional evidence pertaining to the domestic dog as a Native American food resource on the Plains. *Illinois State Museum Scientific Papers* 23, 359-378.
- Soper, J. D. (1940). Eskimo dogs of the Canadian Arctic. *Canadian Geographical Journal* 20, 96-108.
- Speck, F. G. (1925). Dogs of the Labrador Indians. *Natural History* 25, 58-64.
- Sprott, J. E. (1997). Christmas, basketball, and sled dog races: common and uncommon themes in the new seasonal round in an Inupiaq village. *Arctic Anthropology* 34, 68-85.
- Stallibrass, S. (1990). Canid damage to animal bones: two current lines of research. In (D. E. Robinson, Ed) *Experimentation and Reconstruction in Environmental Archaeology*. Oxford: Oxbow Books, pp. 151-166.
- Stewart, F. L. (1974). *Faunal Remains from the Nodwell Site (BCHI - 3) and from Four Other Sites in Bruce County, Ontario*. Archaeological Survey of Canada Mercury Series 16.

Bibliography of dogs & wolves

- Stewart, M. C. (1979). Subsistence in the St. Johns regions in the Alderman site. *Florida Anthropologist* 32, 52-74.
- Stewart, T. D. (1963). Skeletal remains of aboriginal dogs. *The Archeolog* 15, 54-58.
- Strong, J. A. (1985). Late Woodland dog ceremonialism on Long Island in comparative and temporal perspective. *The Bulletin and Journal of Archaeology for New York State* 91, 32-38.
- Styles, B. W. (nd). Archaic faunal exploitation at the Napoleon Hollow site. Ms. on file. Springfield: Illinois State Museum.
- Styles, B. W. (1981). Faunal exploitation and resource selection. *Northwestern University Archeological Program Scientific Papers* 3.
- Styles, B. W. & Purdue, J. R. (1984). Faunal exploitation at the Cedar Grove site. *Arkansas Archeological Survey Research Series* 23, 211-226.
- Styles, B. W. & Purdue, J. R. (1986). Middle Woodland faunal exploitation. *Kampsville Archeology Center Research Series* 6, 513-526.
- Styles, B. W., Purdue, J. R. & Colburn, M. L. (1985). Analysis of faunal remains. *Arkansas Archeological Survey Research Series* 24, 58-72.
- Swanson, E. H. (1972). *Birch Creek: Human Ecology in the Cool Desert of the Northern Rocky Mountains 9,000 B.C. - A.D. 1950*. Pocatello: Idaho State University Press.
- Swigart, E. K. (1987). The Woodruff Rockshelter site - 61FL26: An interim report: Faunal analysis as a means to evaluate environment and culture. *Archeological Society of Connecticut* 50, 43-75.
- Switzer, L. L. (1992). *An osteometric comparison of Northwest aboriginal dogs*. Master's Thesis, Washington State University.
- Teichert, M. (1993). Size and utilization of the most important domesticated animals in Central Europe from the beginning of domestication until the late Middle Ages. In (A. Clason, S. Payne & H.-P. Uerpmann, Eds) *Skeletons in Her Cupboard: Festschrift for Juliet Clutton-Brock*. Oxford: Oxbow Books Monograph 34, pp. 235-238.
- Tchernov, E. (1993). From sedentism to domestication-a preliminary review for the southern Levant. In (A. Clason, S. Payne & H.-P. Uerpmann, Eds) *Skeletons in Her Cupboard: Festschrift for Juliet Clutton-Brock*. Oxford: Oxbow Books Monograph 34, pp. 189-233.
- Tchernov, E. (1993). The impact of sedentism on animal exploitation in the southern Levant. In (H. Buitenhuis & A. T. Clason, Eds) *Archaeozoology of the Near East: Proceedings of the First International Symposium on the Archaeozoology of South-western Asia and Adjacent Areas*. Universal Book Services, Leiden, pp. 10-26.
- Tchernov, E. & Horwitz, L. K. (1991). Body size diminution under domestication: unconscious selection in primeval domesticates. *Journal of Anthropological Archaeology* 10, 54-75.
- Tchernov, E. & Valla, F. F. (1997). Two new dogs, and other Natufian dogs, from the Southern Levant. *Journal of Archaeological Science* 24, 65-95.
- Theler, J. L. (1981). Faunal remains (47-Bf-45). *Wisconsin Archeologist* 62, 34-44.
- Theler, J. L. (1987). Woodland tradition economic strategies: animal resource utilization in southwestern Wisconsin and northeastern Iowa. *University of Iowa Archeologist Report* 17.
- Theler, J. L. (1989). The Pammel Creek site faunal remains. *Wisconsin Archeologist* 70, 157-242.
- Theler, J. L. (1992). Faunal remains from the Tremaine site (47LC95). *Mississippi Valley Archaeological Center, University of Wisconsin-La Crosse, Report Investigations* 133, 50-58.
- Thurman, M. D. (1988). On the identity of the Chariticas [Sarh Rikka]: Dog eating and pre-horse adaptation on the High Plains. *Plains Anthropologist* 33, 159-170.
- Titcomb, M. (1969). *Dog and Man in the Ancient Pacific*. Bishop Museum Special Publication 59.
- Tonni, E. P. & Politis, G. G. (1981). Un gran canido del Holocene de la Provincia de Buenos Aires y el registro prehispanico de *Canis (Canis) familiaris* en las areas pampeana y patagonica. *Ameghiniana*. *Revista de la Asociación Paleontológica Argentina* 18, 251-265. [A large canid from the Holocene of Buenos Aires Province and the pre-Hispanic record of *Canis (Canis) familiaris* in the Pampean and Patagonian areas.] [Spanish, English summary].
- Torre, D. (1981). The Ruscian and Villafranchian dogs of Europe. In (M. V. A. Sastry et al., Eds) *Field Conference of the Neogene-Quaternary Boundary. India, 1979*. Calcutta: Proceedings of the Geological Survey of India, pp. 199-201.
- Tozzer, A. M. & Allen, G. M. (1910). Animal figures in the Maya Codices. *Papers of the Peabody Museum of American Archaeology and Ethnology* 4.
- Turnbull, P. F. & Charles A. Reed. (1974). The fauna from the terminal Pleistocene of Palegawra Cave. *Fieldiana Anthropology* 63, 81-164.
- Varner, J. G. & Varner, J. J. (1983). *Dogs of the Conquest*. Norman: University of Oklahoma Press.
- Walker, D. N. (1975). Non-bison remains from the Vore Bison Jump, Crook County, Wyoming. *Plains Anthropologist* 20, 217-224.
- Walker, D. N. (1980a). The Garnsey site canid. *University of Michigan, Museum of Anthropology Technical Reports* 12, 344-365.
- Walker, D. N. (1980b). The Vore site local fauna. *Plains Anthropologists Memoir* 16, 154-169.
- Walker, D. N. (1982). Early Holocene vertebrate fauna. In (G. C. Frison & D. J. Stanford, Eds) *The Agate Basin Site: A Record of the Paleoindian Occupation of the Northwestern High Plains*. New York: Academic Press, pp. 274-308.
- Walker, D. N. (1983). Faunal remains and subsistence practices at 5MF605, a fur trading post in northwest Colorado. *Southwestern Lore* 49, 6-29.
- Walker, D. N. (1985). REVIEW: Origins of the domestic dog, by Stanley J. Olsen. *Zooarchaeological Research News* 4, 8-10.
- Walker, D. N. (1987a). Late Pleistocene/Holocene environmental changes in Wyoming: the mammalian record. *Illinois State Museum Scientific Papers* 22, 334-393.
- Walker, D. N. (1987b). Horner site local fauna: vertebrates. In (G. C. Frison & L. C. Todd, Eds) *The Horner Site: Type Site of the Cody Cultural Complex*. New York: Academic Press, pp. 327-345.
- Walker, D. N. (1990a). Canid remains from two sites (48CR4815 & 48CR4816) at Seminole Reservoir, Carbon County, Wyoming. Ms. on file. Laramie, WY: Office of the Wyoming State Archaeologist.
- Walker, D. N. (1990b). Preliminary report on faunal remains from Sand Canyon Pueblo (5MT765), Colorado. Ms. on file. Cortez, CO: Crow Canyon Archeological Center.

- Walker, D. N. (1991). Comments on canid skulls from 48YE1 (Nebraska). Ms. on file. Laramie, WY: University of Wyoming.
- Walker, D. N. (1992a). Appendix I: A canid skull from 48CA582, Campbell County, Wyoming. In: Results of the archaeological investigations at 48CA582, Campbell County, Wyoming. Ms. on file. Laramie, WY: Larson-Tibesar Associates, Inc.
- Walker, D. N. (1992b). Zooarchaeology of Camp Grafton (32ED85). Ms. on file. Eagle, CO: Metcalf Archaeological Consultants.
- Walker, D. N. (1993). Faunal remains. *Crow Canyon Archaeological Center Occasional Paper* 3, 239-252.
- Walker, D. N. (1995a). Faunal remains recovered from 1994 archaeological monitoring, Upper Sanger site (32OL12), North Dakota. Ms. on file. Eagle, CO: Metcalf Archaeological Consultants.
- Walker, D. N. (1995b). Canids from the Alkali Creek site. In (M. D. Metcalfe, Ed) Alkali Creek: A stratified record of prehistoric flint mining in North Dakota. Ms. on file. Eagle, CO: Metcalf Archaeological Consultants, pp. 405-437.
- Walker, D. N. (1995c). Faunal remains from 1994 excavations at the Rock Springs site, southeast Idaho. Ms. on file. Ogden, Utah: Weber State University.
- Walker, D. N. (1996). Canid remains from the Powder River Supply Depot, Prairie County, Montana (24PE231). *Archaeology in Montana* 36, 63-82.
- Walker, D. N. & Frison, G. C. (1982). Studies on Amerindian dogs, 3: Prehistoric wolf/dog hybrids from the Northwestern Plains. *Journal of Archaeological Science* 9, 125-172.
- Walters, I. (1984). Gone to the dogs: A study of bone attrition at a central Australian campsite. *Mankind* 14, 389-400.
- Warren, R. E. (1986). Ice Glider faunal analysis and Yanktonai ethnohistory. *South Dakota Archaeological Society Special Publication* 10, 146.
- Waters, J. H. (1965). Animal remains from some New England Woodland sites. *Bulletin of the Archeological Society of Connecticut* 33, 5-11.
- Webb, S. D. (1974). *Pleistocene Mammals of Florida*. Gainesville: University Presses of Florida.
- Webb, S. D. (1992). Surprise Cave local fauna. Ms. on file. Gainsville: Florida State Museum.
- Wheeler, C. (1980). Mammalian remains from the burial at 5EA128. *Southwestern Lore* 46, 43.
- White, J. R. (1981). Faunal remains from the Eaton (Hopewell) Furnace site. *Ohio Journal of Science* 81, 138-141.
- White, T. E. (1955). The dog bones from the Buffalo Pasture site. *American Antiquity* 21, 170-178.
- White, T. E. (1955). Observations on the butchering technique of some aboriginal peoples: 7, 8, & 9. *American Antiquity* 21, 170-178.
- Wilson, G. L. (1924). The horse and the dog in Hidatsa culture. *Anthropological Papers of the American Museum of Natural History* 15, 123-311.
- Wilson, I. R., Crockford, S. J., Dahlstrom, B. & Twohig, K. (1995). EdQx43: Non-subsistence fauna. 1994 excavations at EdQx43 & EdQx44, Monte Creek, B.C. Ms. on file. Victoria, BC: Archaeology Branch 1994-160, pp. 66-74.
- Wilson, M. (1975). The Cactus site local fauna. *Archaeological Survey of Canada Mercury Series* 46, 201-234.
- Wing, E. S. (1965). Animal bones associated with two Indian sites on Marco Island, Florida. *Florida Anthropologist* 18, 21-28.
- Wing, E. S. (1978). Use of dogs for food: an adaptation to the coastal environment. In (B. L. Stark & B. Voorhies, Eds) *Prehistoric Coastal Adaptations: the Economy and Ecology of Maritime Middle America*. New York: Academic Press, pp 29-41.
- Wing, E. S. (1984). Use and abuse of dogs. *Carnegie Museum Special Publication* 8, 228-232.
- Wing, E. S. (1989). Human use of canids in the Central Andes. *Advances in Neotropical Mammalogy* 1989, 265-278.
- Wing, E. S. (1991). Dog remains from the Sorc site on Vieques Island, Puerto Rico. *Illinois State Museum Scientific Papers* 23, 379-386.
- Wing, E. S. & Reitz, E. J. (1982). Prehistoric fishing communities of the Caribbean. *Journal of New World Archaeology* 5, 13-32.
- Witty, T. A. & Frantz, W. P. (1964). The historic uses of dogs among the Plains Indians. *Kansas Anthropological Association Newsletter* 9.
- Wright, G. A., Proulx, R. & Koenig, T. (1982). A Native American burial from 48YE1, Fishing Bridge Peninsula, Yellowstone National Park. *The Wyoming Archaeologist* 25, 2-26.
- Young, E. R. (1890). *By Canoe and Dog Train Among the Cree and Salteaux Indians*. London: Charles E. Kelley.
- Young, S. P. (1943). What was the early Indian dog? *American Forests* 49, 571-573, 594, 603.
- Young, S. P. (1944). What was the early Indian dog? *American Forests* 50, 26-28, 32, 45.
- Zeuner, F. E. (1963). *A History of Domesticated Animals*. London: Hutchinson.
- Zeuner, F. E. (1958). Dog and cat in the Neolithic of Jericho. *Palestine Exploration Quarterly* 52-55.

Prehistoric and early historic wolves

- Aaris-Sorensen, K. (1977). The subfossil wolf, *Canis lupus* L., in Denmark. *Videnskabelige Meddelelser fra Dansk naturhistorisk Forening* 140, 129-146.
- Agenbroad, L. D. (1978). Excavation at the Hot Springs Mammoth site: a late Pleistocene animal trap. *Transactions of the Nebraska Academy of Science* 6, 127-130.
- Agenbroad, L. D. & Mead, J. I. (1986). Large carnivores from Hot Springs Mammoth Site, South Dakota. *National Geographic Research* 2, 508-516.
- Allen, J. A. (1876). Descriptions of some remains of an extinct species of wolf and an extinct species of deer from the Lead Region of the Upper Mississippi. *American Journal of Science* 3, 47-51.
- Allen, J. A. (1885). On an extinct type of dog from Ely Cave, Lee Co., Va. *Memoirs of the Museum of Comparative Zoology* 10, 3-13.
- Allison, I. S. (1966). *Fossil Lake, Oregon: Its Geology and Fossil Faunas*. Oregon State Monograph Studies Series, Earth Science 9.
- Anderson, E. (1968). *Fauna of the Little Box Elder Cave, Converse County, Wyoming: the Carnivora*. University of Colorado Studies Series, Earth Science 6.

Bibliography of dogs & wolves

- Aybes, C. & Yalden, D. W. (1995). Place-name evidence for the former distribution and status of wolves and beaver in Britain. *Mammal Review* 25, 201-227.
- Bibliography of Fossil Vertebrates. (1998). Bibliography of fossil vertebrates. On the Internet: <http://eteweb.lscf.ucsb.edu/bfv/>
- Bonnichsen, R. (1985). High-altitude adaptation at False Cougar Cave. *National Geographic Research Report* 20, 27-40.
- Bonnichsen, R., Graham, R. W., Geppert, T., Jacobson, G. L., Konrad, V., Mead, J. I., Oliver, J. S., Oliver, S. G., Purdue, J. R., Schnurrenberger, D., Stuckenrath, R., Tratebas, A. & Young, D. E. (1985). False Cougar and Shield Trap: two high altitude caves, Pryor Mountains, Montana. *Center for the Study of Early Man, Pryor Mountain Paper* 22, 1-18.
- Burns, J. A. (1984). *Late Quaternary palaeoecology and zoogeography of southwestern Alberta: vertebrate and palynological evidence from two Rocky Mountain caves*. Ph.D. Thesis, University of Toronto.
- Butzeck, S., Stubbe, M. & Piechocki, R. (1988). Contribution to the history of the mammal fauna of East Germany: 3. The wolf *Canis lupus* L., 1758. *Hercynia* 25, 278-317. [German].
- Cannon, K. P. (1992). A review of archeological and paleontological evidence for prehistoric presence of wolf and related prey species in the Northern and Central Rockies Physiographic Provinces. In (J. D. Varley & W. G. Brewster, Eds) *Wolves for Yellowstone? Volume VI: Research and Analysis*. Yellowstone National Park, WY: US National Park Service, pp 175-265.
- Chomko, S. A. (1976). Faunal exploitation in the Initial Middle Missouri variant. *Missouri Archaeological Society Research Series* 13, 35-41.
- Chomko, S. A. & Gilbert, B. M. (1987). The late Pleistocene/Holocene faunal record in the northern Bighorn Mountains, Wyoming. *Illinois State Museum Scientific Papers* 22, 394-409.
- Chorn, J. (1976). A subrecent mammalian fauna from the Big Snowy Mountains. Ms. on file. Springfield: Illinois State Museum.
- Churcher, C. S. (1959). Fossil *Canis* from the tar pits of La Brea, Peru. *Science* 130, 564-565.
- Cope, E. D. (1883). On the extinct dogs of North America. *American Naturalist* 17, 235-249.
- Corner, R. G.. (1977). A late Pleistocene-Holocene vertebrate fauna from Red Willow county, Nebraska. *Transactions of the Nebraska Academy of Science* 4, 77-93.
- Corner, R. G. & Myers, T. P. (1976). Paleontological and archaeological remains from gravel pits in Red Willow County, Nebraska. *Proceedings of the Nebraska Academy of Sciences* 86, 45.
- Cowan, I. McT. (1954). The occurrence of the Pleistocene wolf *Canis dirus* in the Rocky Mountains of Central Alberta. *Canadian Field Naturalist* 68, 44.
- Curnow, E. (1969). *The history of the eradication of the wolf in Montana*. Master's Thesis, University of Montana.
- Czaplewski, N. J., & Mead, J. I. (1990). Small mammals from Hot Springs Mammoth site, South Dakota. *Mammoth Site of Hot Springs, South Dakota Scientific Papers* 1, 40-41.
- Dallman, J. E. (1983). Choice of diet: response to climate change. *University of Iowa Archaeologist Report* 16, 1-133.
- Dalquest, W. W., Roth, E., & Judd, F. (1969). The mammal fauna of Schulze Cave, Edwards County, Texas. *Bulletin of the Florida State Museum* 13, 205-276.
- Dalquest, W. W. & Schultz, G. E. (1992). *Ice Age Mammals of Northwestern Texas*. Wichita Falls, TX: Midwestern State University Press.
- Davis, L. C. (1975). *Late Pleistocene geology and paleoecology of the Spring Valley Basin, Mead County, Kansas*. Ph.D. Thesis, University of Iowa.
- Davis, L. C. (1987). Late Pleistocene/Holocene environmental changes in the central plains of the United States: the mammalian record. *Illinois State Museum Scientific Papers* 22, 88-143.
- Downs, T., Howard, H., Clements, T. A. & Smith, G. A. (1959). Quaternary animals from Schuiling Cave in the Mojave Desert, California. *Contributions in Science of the Los Angeles County Museum* 29, 1-21.
- Driver, J. C. (1988). Late Pleistocene and Holocene vertebrates and paleoenvironments from Charlie Lake Cave, northeast British Columbia. *Canadian Journal of Earth Science* 25, 1545-1553.
- Easterla, D. & Jackson, G. (1961). Discovery of *Canis dirus* in Missouri. *The Bluebird* 28, 3-4.
- Eckles, D., Wedel, D. & Walker, D. N. (1993). An early historic period horse skeleton from southwestern Wyoming. *The Wyoming Archaeologist* 38, 55-68.
- Flehardt, E. D. (1995). *Wild Animals and Settlers on the Great Plains*. Norman: University of Oklahoma Press.
- Fonda, S. S. & Czebieniak, A. P. (1986). Late Pleistocene fauna of the Hollidaysburg Fissure. *Virginia Division of Mines Publication* 75, 128-129.
- Frankforter, W.D. (1969). Faunal study of large ruminants from Mill Creek culture sites in northwestern Iowa. *Journal of the Iowa Archeological Society* 16, 286-301.
- Frison, G. C., Wilson, M. & Wilson, D. J. (1976). Fossil bison and artifacts from an early altithermal period arroyo trap in Wyoming. *American Antiquity* 41, 28-57.
- Furlong, E. L. (1906). The exploration of Samwell Cave. *American Journal of Science* 22, 235-247.
- Galbreath, E. C. (1938). Post-glacial fossil vertebrates from east central Illinois. *Field Museum of Natural History Geological Series* VI, 303-396.
- Galbreath, E. C. (1964). A dire wolf skeleton and Powder Mill Creek Cave, Missouri. *Transactions of the Illinois State Academy of Science* 57, 224-242.
- Goetze, J. R. (1989). Mammalian faunas of a Late Pleistocene-Holocene terrace of the Red River, Tillman County, Oklahoma. *Texas Journal of Science* 41, 205-209.
- Goslin, R. M. (1955). Animal remains from Ohio rockshelters. *Ohio Journal of Science* 55, 358-362.
- Grau, J. M. T., Puig, R. & Ruiz-Olma, J. (1990). Hunting of the wolf (*Canis lupus* L., 1787) in Giron (N.E. Iberia) during the 18th and 19th centuries: example of the use of archive data. *Miscellania Zoologica* 14, 217-223.
- Grayson, D. K. (1985). The paleontology of Hidden Cave: birds and mammals. *American Museum of Natural History Anthropological Papers* 61, 125-161.
- Guilday, J. E. (1962). The Pleistocene local fauna of the Natural Chimneys, Augusta County, Virginia. *Annals of the Carnegie Museum of Natural History* 36, 87-122.
- Guilday, J. E. & Bender, M.S. (1958). A recent fissure deposit in Bedford County, Pennsylvania. *Annals of the Carnegie Museum of Natural History* 35, 127-138.
- Guilday, J. E. & M. S. Bender, M. S. (1960). Late Pleistocene records of the yellow-cheeked vole, *Microtus*

- xanthognathus (Leach). *Annals of the Carnegie Museum of Natural History* 35, 315-330.
- Guilday, J. E. Martin, P. S. & McCrady, A. D. (1964). New Paris No. 4: a Pleistocene cave deposit in Bedford County, Pennsylvania. *Bulletin of the National Speleological Society* 26, 121-194.
- Guilday, J. E. & Tanner, D. P. (1962). Animal remains from the Quaker State Rockshelter (36Ve27), Venango County, Pennsylvania. *Pennsylvania Archaeologist* 32, 131-137.
- Gustafson, C. E. (1972). *Faunal remains from the Marmes Rockshelter and related archeological sites in the Columbia Basin*. Ph.D. Thesis, Washington State University.
- Hager, M. W. (1972). A late Wisconsinan-Recent vertebrate fauna from Chimney Rock Animal Trap, Larimer County, Colorado. *University of Wyoming Contributions in Geology* 11, 63-71.
- Harris, A. H. (1970). The Dry Cave mammalian fauna and late pluvial conditions in southeastern New Mexico. *Texas Journal of Science* 22, 3-27.
- Harris, A. H. (1977). Wisconsin age environments in the northern Chihuahuan desert evidence from the higher vertebrates. *National Park Service Transactions and Proceedings Series* 3, 23-52.
- Harris, A. H. (1980). The paleoecology of Dry Cave, New Mexico. *National Geographic Society Research Report* 12, 331-338.
- Harris, A. H. (1985). *Late Pleistocene Vertebrate Paleoecology of the West*. Austin: University of Texas Press.
- Harris, A. H. & Findley, J. S. (1964). Pleistocene-Recent fauna of the Isleta Caves, Bernalillo County, New Mexico. *American Journal of Science* 262, 114-120.
- Harting, J. E. (1994). *A Short History of the Wolf in Britain*. Whitstable, UK: Pryor Publications.
- Hawksley, O. (1986). Remains of Quaternary vertebrates from Ozark caves and other miscellaneous sites. *Missouri Speleologist* 26, 1-67.
- Hawksley, O., Reynolds, J. & McGowan, J. (1963). The dire wolf in Missouri. *Missouri Speleology* 5, 63-72.
- Hay, O. P. (1914). The Pleistocene mammals of Iowa. *Iowa Geological Survey* 23, 1-653.
- Heaton, T. H. (1985). Quaternary paleontology and paleoecology of Crystal Ball Cave, Millard County, Utah: with emphasis on mammals and description of a new species of fossil skunk. *Great Basin Naturalist* 45, 337-390.
- Heaton, T. H. (1987). Initial investigation of vertebrate remains from Snake Creek Burial Cave, White Pine County, Nevada. *Current Research in the Pleistocene* 4, 107-109.
- Heizer, R. F. & Napton, L. K. (1970). Archaeology and the prehistoric Great Basin lacustrine subsistence regime as seen from Lovelock Cave, Nevada. *University of California, Contributions in Archaeological Research* 10.
- Indeck, J. (1987). *Sediment analysis and mammal faunal remains from Little Box Elder Cave, Wyoming*. Ph.D. Thesis, University of Colorado.
- Janis, C. M. & Wilhelmm, P. B. (1993). Were there mammalian pursuit predators in the Tertiary? Dances with wolf avatars. *Journal of Mammalian Evolution* 1, 103-125.
- Jefferson, G. T. (1991). Rancholabrean age vertebrates from the Southeastern Mojave Desert, California. In (R. E. Reynolds, Ed) *Crossing the Borders: Quaternary Studies in Eastern California and Southwestern*
- Nevada
- Redlands: San Bernardino County Museum Association Special Publication, pp. 163-175.
- Jefferson, G. T. (1991). *A Catalogue of Late Quaternary Vertebrates from California: Two, Mammals*. Museum of Natural History of Los Angeles County Technical Report 7.
- Johnson, E. (1987). *Lubbock Lake, Late Quaternary Studies on the Southern High Plains*. College Station: Texas A&M University Press.
- Kelly, L. S. (1979). Animal resource exploitation by early Cahokia populations on the Merrell Tract. *Illinois Archaeological Survey Circular* 4, 1-28.
- Kurtén, B. (1974). A history of coyote-like dogs (Canidae, Mammalia). *Acta Zoologica Fennica* 140.
- Kurtén, B. (1984). Geographic differentiation in the Rancholabrean dire wolf (*Canis dirus* Leidy) in North America. *Special Publication of the Carnegie Museum of Natural History* 8, 219-227.
- Kurtén, B. (1988). *On Evolution and Fossil Mammals*. New York: Columbia University Press.
- Kurtén, B. & Anderson, E. (1980). *Pleistocene Mammals of North America*. New York: Columbia University Press.
- Kurtén, B. & Kaye, J. M. (1982). Late Quaternary Carnivora from the Black Belt, Mississippi. *Boreas* 11, 47-52.
- Leidy, J. (1889). Notes and description of fossils in caves and crevices of the limestone rocks of Pennsylvania. *Geological Survey of Pennsylvania Annual Report 1887*, 1-20.
- Lindsay, E. H. (1978). Late Cenozoic vertebrate faunas, southeastern Arizona. *New Mexico Geological Society Guidebook, 29th Field Conference* b, 269-275.
- Lipps, L. & Ray, C. E. (1967). The Pleistocene fossiliferous deposit at Ladds, Bartow County, Georgia. *Bulletin of the Georgia Academy of Science* 25, 113-119.
- Lundelius, E. L., Jr. (1972). Vertebrate remains from the Gray Sand. In (J. J. Hester, Ed) *Blackwater Locality No. 1: A Stratified Early Man Site in Eastern New Mexico*. Dallas, TX: Fort Burgwin Research Center, Southern Methodist University, pp. 148-163.
- Lundelius, E. L., Jr. (1972). Fossil vertebrates from the Late Pleistocene Ingleside Fauna, San Patricio County, Texas. *Economic Geology, University of Texas at Austin Report of Investigations* 77.
- Lyman, R. L. (1985). The paleozoology at the Avey's Orchard site. *Eastern Washington University, Report Archaeology and History* 100-42, 243-320.
- Lyman, R. L. & Livingston, S. D. (1983). Late Quaternary mammalian zoogeography of eastern Washington. *Quaternary Research* 20, 360-373.
- Martin, T. J. (1986). *A faunal analysis of Fort Ouiatenon, an eighteenth century trading post in the Wabash Valley of Indiana*. Ph.D. Thesis, Michigan State University.
- Martin, T. J. (1988). Animal remains from the Cahokia Wedge site. *Illinois Historical Preservation Agency Studies in Illinois Archaeology* 3, 221-234.
- Martin, T. J. & Masulis, M. C. (1988). Preliminary report on animal remains from Fort De Chartres Appendix D, in (D. Keene, Ed.) *Archeological Excavations at Fort De Chartres, 1985-1987*. Springfield, IL: Historical Preservation Agency.
- Martin, T. J. & Masulis, M. C. (1992). Faunal exploitation at the Little Muddy Rockshelter. *American Resources Group Ltd., Cultural Resource Management Report* 186, 427-472.
- Matthew, W. D. (1916). The grim wolf of the tar pits. *American Museum Journal* 16, 45-47.

Bibliography of dogs & wolves

- Mead, E. M. & Mead, J. I. (1989). Snake Creek Burial Cave and a review of the Quaternary mustelids of the Great Basin. *Great Basin Naturalist* **49**, 143-154.
- Melton, W. G. (1985). Late Pleistocene mammals and artifacts recovered from Blacktail Cave, Lewis and Clark County, Montana. *National Geographic Society Research Report* **19**, 415-421.
- Merriam, J. C. (1903). The Pliocene and Quaternary Canidae of the Great Valley of California. *University of California Bulletin of the Department of Geology* **3**, 277-290.
- Merriam, J. C. (1912). The fauna of Rancho La Brea. Part II. Canidae. *Memoirs of the University of California* **1**, 215-272.
- Miller, S. J. (1979). The archeological fauna of four sites in Smith Creek Canyon. *Nevada State Museum Anthropology Papers* **17**, 273-329.
- Moodie, R. L. (1928). Studies in Paleopathology, XXII -- Pyorrhea Alveolaris in a Pleistocene wolf. *Annals of Medical History* **10**.
- Moodie, R. L. (1928). The evidence of pyorrhea, dead teeth and gingival infections in the mandibles of the Pleistocene giant wolf (*Aenocyon dirus*) from the Rancho La Brea. *The Pacific Dental Gazette* **136**, 414-419.
- Moodie, R. L. (1929). Studies in Paleopathology, XIX -- An alveolar abscess in a fossil mammal. *The Pacific Dental Gazette* **37**, 428-433.
- Moodie, R. L. (1930). A suggestion of rickets in the Pleistocene. *American Journal of Surgery* **10**, 162-163.
- Nelson, M. E. & Madsen, J. H., Jr. (1980). A summary of Pleistocene, fossil vertebrate localities in the northern Bonneville Basin of Utah. *Utah Geology and Mining Survey, Bulletin* **116**, 97-113.
- Nelson, M. E. & Madsen, J. H., Jr. (1986). Canids from the Late Pleistocene of Utah. *Great Basin Naturalist* **46**, 415-420.
- Nelson, M. E. & Madsen, J. H., Jr. (1987). A review of Lake Bonneville shoreline faunas (late Pleistocene) of northern Utah. *Utah Geological Association Publication* **16**, 320-333.
- Nigra, J. O. & Lance, J. F. (1947). A statistical study of the metapodials of the Dire wolf group from the Pleistocene of Rancho La Brea. *Bulletin of the Southern California Academy of Science* **46**, 26-34.
- Nowak, R. M. (1979). North American Quaternary *Canis*. *University of Kansas Museum of Natural History Monograph* **6**, 1-154.
- Oliver, J. S. (1989). Analogues and site context: bone damages from Shield Trap Cave (24CB91), Carbon County, Montana. In (R. Bonnichsen & M. Sorg, Eds.) *Bone Modification*. Orono: Center for the Study of Early Man, pp. 73-98.
- Olsen, E. C. (1940). A late Pleistocene fauna from Herculaneum, Missouri. *Journal of Geology* **48**, 32-57.
- Packard, E. L. (1950). A large wolf from the Pleistocene of Willamette Valley, Oregon. *Geology News Letter of the Geological Society of Oregon* **16**, 89-90.
- Parmalee, P. W. (1962). Additional faunal records from the Kingston Lake site, Illinois. *Transactions of the Illinois Academy of Science* **55**, 6-12.
- Parmalee, P. W. (1959). Use of mammalian skulls and mandibles by prehistoric Indians of Illinois. *Transactions of the Illinois Academy of Science* **52**, 85-95.
- Parmalee, P. W. (1973). Identification of Late Woodland faunal material from the Schild sites, Illinois. *Illinois Archaeological Survey Bulletin* **9**, 138-140.
- Parmalee, P. W. (1975). A general summary of the vertebrate fauna from Cahokia. *Illinois Archaeological Survey Bulletin* **10**, 137-155.
- Parmalee, P. W. & Stephens, D. (1972). A wolf mask and other carnivore skull artifacts from the Palestine site, Illinois. *Pennsylvania Archaeologist* **42**, 71-75.
- Purdue, J. R. & Styles, B. W. (1987). Changes in the mammalian fauna of Illinois and Missouri during the late Pleistocene and Holocene. *Illinois State Museum Scientific Papers* **22**, 144-175.
- Ray, C. E. (1958). Additions to the Pleistocene mammalian fauna from Melbourne, Florida. *Bulletin of the Museum Comparative Zoology Harvard* **119**, 421-449.
- Ray, C. E. (1967). Pleistocene mammals from Ladds, Bartow County, Georgia. *Bulletin of the Georgia Academy of Science* **25**, 120-150.
- Ray, C. E. & Lipps, L. (1968). Additional notes on the Pleistocene mammals from Ladds, Georgia. *Bulletin of the Georgia Academy of Science* **26**, 63.
- Reynolds, J. F. (1962). *A preliminary study of the Pleistocene vertebrate fauna from (Pul-103) Cave, Missouri*. Master's Thesis, Central Missouri State College.
- Schultz, C. B. & Howard, E. B. (1935). The fauna of Burnet Cave, Guadalupe Mountains, New Mexico. *Proceedings of the Academy of Natural Science of Philadelphia* **87**, 273-298.
- Semken, H. A., Jr. (nd). Vertebrate remains from Coldwater Cave, northeastern Iowa. Ms. on file. Iowa City: University of Iowa.
- Shakespear, S. (1975). An osteometric description of the Pleistocene dire wolf, *Canis dirus*, from the Maricopa Brea of California (abstr.). *Proceedings of the Utah Academy of Sciences, Arts, and Letters* **52**, 77-78.
- Sharp, H. S. (1978). Comparative ethnology of the wolf and the Chipewyan. In (R. Hall & H. S. Sharp, Eds) *Wolf and Man: Evolution in Parallel*. New York: Academic Press, pp 55-80.
- Skinner, M. F. (1942). The fauna of Papago Springs Cave, Arizona. *Bulletin of the American Museum of Natural History* **80**, 143-220.
- Slaughter, B. H. (1975). Ecological interpretation of Brown Sand Wedge local fauna. In (F. Wendorf & J. J. Hester, Eds) *Late Pleistocene Environments on the Southern High Plains*. Dallas, TX: Fort Burgwin Research Center, Southern Methodist University, pp. 179-192.
- Slaughter, B. H., Crook, W. W., Jr., Harris, R. K., Allen, D. C. & Seifert, M. (1962). The Hill-Shuler local faunas of the Upper Trinity River, Dallas and Denton Counties, Texas. *University of Texas Bureau of Economic Geology Report of Investigations* **48**.
- Stevenson, M.. (1978). Dire wolf systematics and behavior. In (R. Hall & H. S. Sharp, Eds) *Wolf and Man: Evolution in Parallel*. New York: Academic Press, pp. 179-196.
- Stock, C. (1918). The Pleistocene fauna of Hawver Cave. *University of California Bulletin of the Department of Geology* **10**, 462-515.
- Stock, C. (1929). A census of the Pleistocene mammals of Rancho La Brea, based on the collection of the Los Angeles Museum. *Journal of Mammalogy* **10**, 281-289.
- Stock, C. (1938). A coyote-like wolf jaw from the Rancho La Brea Pleistocene. *Bulletin of the Southern California Academy of Sciences* **37**, 49-51.
- Stock, C. & Lance, J. F. (1948). The relative lengths of limb elements in *Canis dirus*. *Bulletin of the Southern California Academy of Science* **47**, 79-84.

- Stock, C., Lance, J. F. & Nigra, J. O. (1946). A newly mounted skeleton of the extinct dire wolf from the Pleistocene of Rancho La Brea. *Bulletin of the Southern California Academy of Science* **45**, 108-110.
- Townsend, J. K. (1850). On the giant wolf of North America. *Journal of the Academy of Natural Science of Philadelphia* **2**, 1-334.
- Van Valkenburgh, B. & Hertel, F. (1993). Tough times at La Brea: Tooth breakage in large carnivores of the late Pleistocene. *Science* **261**, 456-459.
- Voorhies, M. R. (1990). Vertebrate paleontology of the proposed Norden Reservoir area: Brown, Cherry, & Keya Paha counties, Nebraska. *University of Nebraska, Archeological Research Technical Report* **82-09**.
- Walker, D. N. (1975). *A cultural and ecological analysis of the vertebrate fauna from the Medicine Lodge Creek site (48BH499)*. Master's Thesis, University of Wyoming.
- Walker, D. N. (1996). Preliminary results of initial paleontological testing at Wolf Den Cave, Bighorn County, Wyoming. Ms. on file. Cody, Wyoming: Bureau of Land Management.
- Walker, D. N. (1984). The wolves of Natural Trap Cave, Wyoming. In (L. Martin & B. M. Gilbert, Eds) *Natural Trap Cave, Wyoming*. University of Kansas Museum of Natural History Publications.
- Wang, Xiaoming. (1990). Pleistocene dire wolf remains from the Kansas river with notes on dire wolves in Kansas. *Occasional Papers of the Kansas Museum of Natural History* **137**, 1-8.
- Weber, F. R., Hamilton, T. D., Hopkins, D. M., Repenning, C. A. & Haas, H. (1981). Canyon Creek: a Late Pleistocene vertebrate locality in interior Alaska. *Quaternary Research* **16**, 167-180.
- Weems, R. E. & Higgins, B. B. (1977). Post-Wisconsinan vertebrate remains from a fissure deposit near Ripplemead, Virginia. *National Speleological Society Bulletin* **39**, 106-108.
- Weinand, D. C. & Reitz, E. J. (1992). Vertebrate fauna from the 1970 excavation at Stallings Island (9Co1), Georgia. Ms. on file. Athens: University of Georgia.
- White, J. A., McDonald, H. G., Anderson, E. & Soiset, J. M. (1984). Lava blisters as carnivore traps. *Carnegie Museum of Natural History Special Publication* **8**, 241-256.
- Wineman, E. (1930). White wolf, foe of cattlemen, is dead. *Montana Wild Life* **2**, 6-7.
- Wyman, W. D. (1984). *Wisconsin and North Country Wolf and Bear Stories: Seventy-five Stories Told by Pioneer Settlers, Lumberjacks, and Other Yarn Spinners*. River Falls, WI: University of Wisconsin-River Falls Press.
- Young, S. P. (1925). The old wolf "Three Toes" of Harding County, South Dakota. *Daily Science News Bulletin*. August 13.
- Young, S. P. (1946). *The Wolf in North American History*. Caldwell, ID: The Caxton Printers, Ltd.
- Zeimans, G. & Walker, D. N. (1974). Bell Cave, Wyoming: preliminary archaeological and paleontological investigations. *Wyoming Geological Survey Report of Investigations* **10**, 88-90.

Canid hybridisation

- Bee, J. W. & Hall, E. R. (1951). An instance of coyote-dog hybridization. *Transactions of the Kansas Academy of Science* **54**, 73-77.
- Belshaw, M. (1990). *All the Loving Wolves: Living and Learning with Wolf Hybrids*. Sante Fe, MN: Red Crane Books.
- Bezdek, H. (1944). A red-gray fox hybrid. *Journal of Mammalogy* **25**, 90.
- Cole, L. J. & Shackelford, R. M. (1946). Fox Hybrids. *Transactions of the Wisconsin Academy Science Arts and Letters* **38**, 315-332.
- Cook, R. (1952). The coy-dog: hybrid with a future? *Journal of Heredity* **43**, 71-73.
- Danilkin, A. (1979). Hunting of roe deer by wolf-dog hybrids. *Okhota i okhotnich'e khozyzstov* **3**, 18-19.
- Dice, L. R. (1942). A family of dog-coyote hybrids. *Journal of Mammalogy* **23**, 186-192.
- Fox, M. W., Halperin, S., Wise, A. & Kohn, E. (1976). Species and hybrid differences in frequency of play and agonistic actions in canids. *Zeitschrift fuer Tierpsychologie* **40**, 194-209.
- Freeman, R. C. (1976). *Coyote x dog hybridization and red wolf influence in the wild Canis of Oklahoma*. Master's Thesis, University of Oklahoma.
- Freeman, R. C. & Shaw, J. H. (1979). Hybridization in *Canis* (Canidae) in Oklahoma. *Southwestern Naturalist* **24**, 485-500.
- Freeman, R. S., Adorjan, A. & Pimlott, D. H. (1961). Cestodes of wolves, coyotes, and coyote-dog hybrids in Ontario. *Canadian Journal of Zoology* **39**, 527-532.
- Fuller, A. R. (1885). Dog-wolf hybrid. *Forest and Stream* **25**, 507.
- Galaka, B. A. (1969). Hybrid wolves in Vinnitsa region. *Zbirnyk Prats' Zoolohichnoho Muzeyu* **33**, 113-114. [Russian; English summary].
- Gipson, P. S. & Sealander, J. A. (1976). Changing food habits of wild *Canis* in Arkansas with emphasis on coyotes hybrids and feral dogs. *American Midland Naturalist* **95**, 249-253.
- Gloyd, J. S. (1992). Wolf hybrids: A biological time bomb? *Journal of the American Veterinary Medical Association* **201**, 381-382.
- Gray, A. P. (1972). Mammalian hybrids: A checklist with bibliography. *Commonwealth Bureau Animal Breeders Genetics Technical Communication* **10** (revised).
- Gurskii, I. G. (1975). Hybridization between wolves and dogs in nature. *Byulleten' Moskovskogo Obshchestva Ispytatelei Prirody Otdel Biologicheskii* **80**, 131-136. [Russian, English summary].
- Hall, E. R. (1943). Cranial characters of a dog-coyote hybrid. *American Midland Naturalist* **29**, 371-74.
- Hinske, G. (1974). Studies of coyote skulls and dubious hybrid populations. *Zoologischer Anzeiger* **192**, 98-137. [German].
- Hoffmeister, D. F. (1952). "Coydog" in Illinois? *Outdoors in Illinois Spring*, 34.
- Hollis, Burr. (1885). Hybrid wolves. *Forest and Stream* **25**, 467.
- Hope, Jack. (1994). Wolves and wolf hybrids as pets are big business - but a bad idea. *Smithsonian* **25**, 34-45.

Bibliography of dogs & wolves

- Iljin, N. A. (1934). Segregation in crosses between a wolf and a dog, and material on the genetics of the dog. *Trudy Po Dinamike Razvitiia* 8, 105-165. [Russian, English summary]
- Iljin, N. A. (1941). Wolf-dog genetics. *Journal of Genetics* 42, 359-414.
- Jacob, M. (1996). The Humane Society's attack on the wolfdog. *The Wildlife Guardian*, Autumn 1996. [on the internet: http://www.hooked.net/~michaelj/gow/wild_002.htm].
- Jay, M. T., Reilly, K. F., Debess, E. E., Haynes, E. H., Bader, D. R. & Barrett, L. R. (1994). Rabies in a vaccinated wolf-dog hybrid. *Journal of the American Veterinary Medical Association* 205, 1729-1732.
- Kennelly, J. J. & Roberts, J. D. (1969). Fertility of coyote-dog hybrids. *Journal Mammalogy* 50, 830-831.
- Keyes, B. (1992). Is that a pet wolf next door? *USA Weekend* Feb. 28-Mar. 1, 5.
- Kolenosky, G. B. (1971). Hybridization between wolf and coyote. *Journal of Mammalogy* 52, 446-449.
- Kramek, B. J. (1992). The hybrids howl: legislators listen – these animals aren't crying wolf. *Rutgers Law Journal* 23, 633-656.
- Lehman, N., Eisenhower, A., Hansen, K., Mech, L. D., Peterson, R. O., Gogan, P. J. P. & Wayne, R. K. (1991). Introgression of coyote mitochondrial DNA into sympatric North American gray wolf populations. *Evolution* 45, 104-119.
- Linzey, D. W. (1971). Animal harvested in south Alabama; probably a coyote-red wolf hybrid. *Alabama Conservation* 41, 6-7.
- Maargaard, L. & Graugaard, J. (1994). Female Arctic wolf, *Canis lupus arctos*, mating with domestic dogs, *Canis familiaris*, in northeast Greenland. *Canadian Field-Naturalist* 108, 374-375.
- Mahan, B. R. & Gipson, P. S. (1978). Osteoarthritis in a coyote x dog hybrid from Nebraska. *Journal of Wildlife Disease* 9, 395-398.
- Mahan, B. R., Gipson, P. S. & Caw, R. M. (1978). Characteristics and distribution of coyote x dog hybrids collected in Nebraska. *American Midland Naturalist* 100, 408-415.
- Masuch, S. (nd). *The Wolfdog; A factual overview*. [on the internet: <http://www.kc.net/~wolf2dog/wolfdog.htm>].
- Marx, D. (1994). Wolf hybrids: To own or not to own? *Dog World* 79, 42-45.
- Mengel, R. M. (1971). A study of dog-coyote hybrids and implications concerning hybridization in *Canis*. *Journal of Mammalogy* 52, 316-336.
- Manners-Smith, J. (1901). Wolf hybrids in Gilgit. *Journal of the Asiatic Society of Bengal* 70, 143-146.
- Moore, Tom D., Walker, D. N. & Fisher, R. A. (1983). Wolves, dogs and hybrids: Law enforcement problems in Wyoming. *Proceedings of the Western Association of Fish and Wildlife Agencies* 63, 69-81.
- Newsome, A. E. & Corbett, L. (1982). The identity of the dingo, II. Hybridization with domestic dogs in captivity and in the wild. *Australian Journal of Zoology* 30, 365-374.
- Newsome, A. E. & Corbett, L. K. (1985). The identity of the dingo, III. The incidence of dingos, dogs and hybrids and their coat colours in remote and settled regions of Australia. *Australian Journal of Zoology* 33, 363-375.
- Noack, T. (1887). Wolfbastarde. *Zoologischer Garter* 28, 106-111.
- Pastoral Revue. (1934). Alsatian-Coyote cross killing stock in California. *Pastoral Review and Grazier's Record* 4, 1045.
- Paul, J. R. (1969). Coyotes and coy-dogs. *Living Museum (Illinois State Museum)* 31, 114-115.
- Pierce, M. P. (1885). Hybrid wolves. *Forest and Stream* 24, 426-427.
- Pilgrim, K.L., Boyd, D. K. & Forbes, S. H. (1998). Testing for wolf-coyote hybridization in the Rocky Mountains using mitochondrial DNA. *Journal of Wildlife Management* 62, 683-689.
- Polsky, R. H. (1995). Wolf hybrids: Are they suitable as pets? *Veterinary Medicine* 90, 1122-1124.
- Prendergast, D. (1989). *The Wolf Hybrid*. Gallup, NM: Rudelhaus Enterprises.
- Prendergast, D. (1995). *Above Reproach: A Guide for Wolf Hybrid Owners*. Gallup, NM: Rudelhaus Enterprises.
- Riabov, L. (1963). Wolf-dog hybrids. *Okhota I Okhotnich'e Khoziaistvo* 11, 29-30. [Russian]
- Riabov, L. S. (1973). Wolf-dog hybrids in the Voronezh Oblast. *Byulleten' Moskovskogo Obshchestva Ispytatelei Prirody Otdel Biologicheskii* 78, 25-39. [Russian, English summary]
- Riabov, L. S. (1978). New data on wolves and wolf-dog hybrids in the Voronezh Oblast. *Byulleten' Moskovskogo Obshchestva Ispytatelei Prirody Otdel Biologicheskii* 83, 39-45. [Russian, English summary]
- Riabov, L. S. (1980). O povedenii brodyachikh i odichavshikh sobak i volko-sobachikh gibrividov v prirode [On behavior of strayed and feral dogs and wolf-dog hybrids in the wild]. in (D. I. Bibikov, Ed) *Povedenie volka*. Moscow: AN SSSR, pp. 136-146.
- Roy, M. S., Geffen, E., Smith, D., Ostrander, E. & Wayne, R. K. (1995). Patterns of differentiation and hybridisation in North American wolf-like canids revealed by analysis of microsatellite loci. *Molecular Biology and Evolution* 11, 553-570.
- Schleifenbaum, C. (1976). Fur marks and coat color in wolves and in the poodle-wolf bastards, raised in Kiel. *Zeitschrift fuer Saugetierkunde* 41, 147-167.
- Schmitz, O. J. & Kolenosky, G. B. (1985). Hybridization between wolf and coyote in captivity. *Journal of Mammalogy* 66, 402-405.
- Seitz, A. (1984). Canid hybrids. *Zool. Garten* 54, 330-332.
- Seligmann, J. (1991). Caution: wolf-dogs can be hazardous. *Newsweek* 118, 50.
- Silver, H. & Silver, W. T. (1969). Growth and behavior of the coyote-like canid of Northern New England with observations on canid hybrids. *Wildlife Monographs* 17.
- Slaughter, B. H. (1977). Wolves, coyotes, ducks, and hybridism. *Texas Journal of Science* 28, 351-354.
- Stanfill, J. (1994). Wolf-dogs: the pets from hell? *U.S. News and World Report* 117, 78.
- Stebbins, G. L. (1959). The role of hybridization in evolution. *Proceedings of the American Philosophical Society* 103, 231-251.
- Stockard, C. R. (1941). *The Genetic and Endocrinological Basis for Differences in Form and Behavior (as elucidated by studies of contrasted pure-line dog breeds and their hybrids)*. Philadelphia: Wistar Institute, American Anatomical Memoirs 19.
- Tek, C. (1972). Breeding wolf x dog hybrids; *Canis lupus* x *Canis familiaris* at Coucy-les-Eppes Zoo. *International Zoo Yearbook* 12, 115.
- Thornton, W. A., Creel, G. C. & Trimble, R. E. (1971). Hybridization in the fox genus *Vulpes* in west Texas. *Southwestern Naturalist* 15, 473-484.

- Van Gelder, R. G. (1977). Mammalian hybrids and generic limits. *American Museum Novitates* 2635, 1-25.
- Wayne, R. K. & Jenks, S. M. (1991). Mitochondrial DNA analysis implying extensive hybridization of the endangered red wolf *Canis rufus*. *Nature* 351, 565-568.
- Weidemann, W. (1970). Body weight and body weight correlation in wolves and poodles and in their cross breeding generation N-1 and N-2. *Zeitschrift fuer Saugertiere* 35, 238-247. [German; English summary].
- Wilson, P. (1992). On inferring hybridity from morphological intermediacy. *Taxon* 41, 11-23.
- Zimen, E. (1987). Ontogeny of approach and flight behavior towards humans in wolves, poodles and wolf-poodle hybrids. In (H. Frank, Ed) *Wolf and Man: Advances, Issues and Problems in Captive Wolf Research*. Dordrecht, The Netherlands: Dr W. Junk Publishers, pp. 75-292.

Domestication theory

- Ash, E. C. (1927). *Dogs: Their History and Development*. 2 vols. London.
- Beck, A. M. (1973). *The Ecology of Stray Dogs: A Study of Free-ranging Urban Animals*. Baltimore: York Press.
- Beck, A. M. (1975). The ecology of "feral" and free-roving dogs in Baltimore. In (M. W. Fox, Ed) *The Wild Canids: Their Systematics, Behavioral Ecology and Evolution*. Malabar, FL: Krieger Publishing Co., pp. 380-390.
- Belayev, D.K. (1979). Destabilizing selection as a factor in domestication. *Journal of Heredity* 70, 301-308.
- Belyaev, D. K., Ruvinsky, A. O. & Trut, L. N. (1981). Inherited activation-inactivation of the star gene in foxes: its bearing on the problem of domestication. *Journal of Heredity* 72, 267-274.
- Bjarvall, A. & Sahlin, H. (1977). The wolf that became a dog: how to distinguish between the two species. *Fauna och Flora* 72, 234-238. [Swedish].
- Bokonyi, S. (1969). Archaeological problems and methods of recognizing animal domestication. In (P. J. Ucko & G. Dimbleby, Eds) *The Domestication and Exploitation of Plants and Animals*. London: Duckworth, pp. 219-229.
- Bokonyi, S. (1974). *History of Domestic Mammals in Central and Eastern Europe*. Budapest: Akadmaiai Kiad.
- Borchelt, P. L., Lockwood, R., Beck, A. M. & Voith, V. L. (1983). Attacks by packs of dogs involving predation on human beings. *Public Health Report* 98, 57-66.
- Brisbin, I. L., Jr. (1976). The domestication of the dog. *American Kennel Gazette* 93, 22-27.
- Brisbin, I. L., Jr. (1977). The pariah: Its ecology and importance to the origin, development and study of purebred dogs. *American Kennel Gazette* 94, 22-29.
- Brisbin, I. L., Jr. & Risch, T. S. (1997). Primitive dogs, their ecology and behavior: unique opportunities to study the early development of the human-canine bond. *Journal of the American Veterinary Medical Association* 210, 1122-1126.
- Budiansky, S. (1992). *The Covenant of the Wild: Why Animals Chose Domestication*. London: Weidenfeld & Nicolson.
- Burns, M. & Fraser, M. N. (1966). *Genetics of the Dog*. 2nd edition. Edinburgh: Oliver & Boyd.
- Clutton-Brock, J. (1970). The origins of the dog. In (D. Brothwell & E. Higgs, Eds) *Science in Archaeology*. New York: Praeger Publishers, 303-309.
- Clutton-Brock, J. (1976). The historical background to the domestication of animals. *International Zoo Yearbook* 16, 240-246.
- Clutton-Brock, J. (1977). Man-made dogs. *Science* 197, 1340-1342.
- Clutton-Brock, J. (1980). The domestication of the dog with special reference to social attitudes to the wolf. *Carnivore* 3, 27-33.
- Clutton-Brock, J. (1981). *Domesticated Animals from Early Times*. Austin: University of Texas Press.
- Clutton-Brock, J. (1984). Dog. In (I. L. Mason, Ed.) *Evolution of Domesticated Animals*. London: Longman, pp. 198-211.
- Clutton-Brock, J. (1991). *The Dog*. New York: A.A. Knopf.
- Clutton-Brock, J. (1992a). Domestication of animals. In (S. Jones, R. Martin & D. Pilbeam, Eds) *The Cambridge Encyclopedia of Human Evolution*, Cambridge: Cambridge University Press, pp. 380-385.
- Clutton-Brock, J. (1992b). The process of domestication. *Mammal Review* 22, 79-85.
- Clutton-Brock, J. (1994). The unnatural world: Behavioral aspects of humans and animals in the process of domestication. In (A. Manning & J. Serpell, Eds) *Animals and Human Society: Changing Perspectives*. London & New York: Routledge, pp. 23-25.
- Clutton-Brock, J. (1995). Early origins of the Saluki. In (G. Goodman, Ed) *The Saluki Cursing Hound of the East*. Arizona: Midbar, pp. 75-82.
- Clutton-Brock, J. (1995). Origins of the dog: domestication and early history. In (J. Serpell, Ed) *The Domestic Dog: Its Evolution, Behaviour and Interactions With People*. Cambridge: Cambridge University Press, pp 7-20.
- Clutton-Brock, J. & Jewell, P. (1993). Origin and domestication of the dog. In (H. E. Evans, Ed) *Miller's Anatomy of the Dog*, 3rd edition. Philadelphia: W. B. Saunders, pp. 21-31.
- Cohn, J. (1977). How wild wolves became domestic dogs. *Bioscience* 47, 725-728.
- Cohen, J. A. & Fox, M. W. (1976). Vocalizations in wild canids and possible effects of domestication. *Behavioural Processes* 1, 77-92.
- Coppinger, R. & Schneider, R. (1995). Evolution of working dogs. In (J. Serpell, Ed) *The Domestic Dog: Its Evolution, Behaviour and Interactions With People*. Cambridge: Cambridge University Press, pp 21-47.
- Crabtree, P. J. (1993). Early animal domestication in the middle East and Europe. In (M. B. Schiffer, Ed) *Archaeological Method and Theory*. Tucson: University of Arizona Press, pp. 201-245.
- Crockford, S. J. (in press). Animal domestication and heterochronic speciation: the role of thyroid hormone. In (K. McNamara & N. Minugh-Purvis, Eds) *Human Evolution Through Developmental Change*. Baltimore: Johns Hopkins University Press.
- Ducos, P. (1978). "Domestication" defined and methodological approaches to its recognition in faunal assemblages. *Harvard University Peabody Museum Bulletin* 2, 53-56.

Bibliography of dogs & wolves

- Eaton, R. L. (1969). Cooperative hunting by cheetahs and jackals and a theory of domestication of the dog. *Mammalia* **33**, 87-92.
- Epstein, H. (1971). *The Origin of the Domestic Animals of Africa* (Vol. 1). New York: Africana Publishing.
- Fox, M. W. (1978). Man, wolf and dog. In (R.Hall & H. S. Sharp, Eds) *Wolf and Man: Evolution in Parallel*. New York: Academic Press, pp. 9-30.
- Fox, M. W. (1987). *The Dog: Its Domestication and Behavior*. Malabar, FL: Krieger Publishing Co. [1978 edition reprinted]
- Frank, H. & Frank, M. G. (1982). On the effects of domestication on canine social development and behavior. *Applied Animal Ethology* **8**, 507-525.
- Hall, R. L. (1977). Paleobiology and systematics of canids and hominids. *Journal of Human Evolution* **6**, 519-531.
- Hall, R. L. (1978). Variability and speciation in canids and hominids. In (R.Hall & H. S. Sharp, Eds) *Wolf and Man: Evolution in Parallel*. New York: Academic Press, pp. 153-178.
- Hall, R. L. & Sharp, H. S. (1978). *Wolf and Man: Evolution in Parallel*. New York: Academic Press.
- Hecker, J. M. (1982). Domestication revisited: Its implications for faunal analysis. *Journal of Field Archaeology* **9**, 217-236.
- Hemmer, H. (1975). The origin of the domestic dog and changes in relative brain size due to domestication. *Zoologische Beitraege* **21**, 97-104. [German, English summary].
- Hemmer, H. (1990). *Domestication: The Decline of Environmental Appreciation*. Cambridge: Cambridge University Press.
- Hunter, J. (1787). Observations tending to show that the wolf, jackal and dog, are all of the same species. *Philosophical Transactions of the Royal Society of London* **77**, 253-266.
- Hunter, J. (1789). A supplementary letter on the identity of the species of the dog, wolf, and jackal. *Philosophical Transactions of the Royal Society of London* **79**, 160-161.
- Jesse, G. (1886). *Researches into the History of the British dog*. London: Hardwicke.
- Lumer, H. (1940). Evolutionary allometry in the skeleton of the domesticated dog. *American Naturalist* **74**, 439-467.
- Macintosh, N. W. G. (1975). The origin of the dingo: An enigma. In (M. W. Fox, Ed) *The Wild Canids: Their Systematics, Behavioral Ecology and Evolution*. Malabar, FL: Krieger Publishing Co., pp. 87-106.
- Manwell, C. & Baker, C. M. A. (1983). Origin of the dog: from wolf or wild *Canis familiaris?* *Speculations in Science and Technology* **6**, 213-224.
- Matthew, W. D. (1930). The phylogeny of dogs. *Journal of Mammalogy* **11**, 117-138.
- Mizuno, A. (1995). Japanese monkeys, dogs and wolves. *Honyurui Kagaku* **35**, 53-55. [Japanese].
- Morell, V. (1997). The origin of dogs: running with the wolves. *Science* **276**, 1647-1648.
- Morey, D. F. (1990). *Cranial allometry and the evolution of the domestic dog*. Ph.D. Thesis, University of Tennessee.
- Morey, D. F. (1992). Size, shape and development in the evolution of the domestic dog. *Journal of Archaeological Science* **13**, 119-145.
- Morey, D. F. (1994). The early evolution of the domestic dog. *American Scientist* **82**, 336-347.
- Morton, S. G. (1851). Comments on dogs. *Proceedings of the Philadelphia Academy of Natural Science* **5**, 139-140.
- Morton, S. G. (1852). Observations on the antiquity of some races of dog. *Proceedings of the Philadelphia Academy of Natural Science* **5**, 85-89.
- Morton, S. G. (1852). Communications on the races of dogs. *Proceedings of the Philadelphia Academy of Natural Science* **5**, 139-140.
- Musil, R. (1984). The first known domestication of wolves in Central Europe. *BAR International Series* **227**, 23-25.
- Olsen, S. J. (1979). Archaeologically, what constitutes an early domestic animal? *Advances in Archaeological Method and Theory* **2**, 175-197.
- Olsen, S. J. (1985). *Origins of the Domestic Dog: The Fossil Record*. Tucson: University of Arizona Press.
- Olsen, S. J. & Olsen, J. W. (1977). The Chinese wolf, ancestor of New World Dogs. *Science* **197**, 533-535.
- Olsen, S. J., Olsen, J. W. & Qi, G. (1982). The position of *Canis lupus variabilis*, from Zhoukoudian, in the ancestral lineage of the domestic dog, *Canis familiaris*. *Vertebrata Palasitica* **20**, 264-267. [Chinese, English summary].
- Ota, K. (1980). The dog: Its domestication and development, with special reference to the origin and the history of the Japanese native dog (a review). *Report of the Society for Researches on Native Livestock* **9**, 53-94. [Japanese, English summary].
- Packard, A. S. (1885). Origin of the American varieties of the dog. *American Naturalist* **19**, 896-901.
- Radinsky, L. (1973). Evolution of the canid brain. *Brain, Behavior and Evolution* **7**, 169-202.
- Saito, H. (1936). On the discrimination between the ancient dogs and the Japanese wolves. *Nihonken* **5**. [Japanese].
- Scott, J. P. (1954). The effects of selection and domestication upon the behavior of the dog. *Journal National Cancer Institute* **15**, 739-758.
- Scott, J. P. (1967). The evolution of social behavior in dogs and wolves. *American Zoologist* **7**, 373-381.
- Scott, J. P. (1968). Evolution and domestication of the dog. *Evolutionary Biology* **2**, 243-275.
- Serpell, J. (1995). *The Domestic Dog: Its Evolution, Behaviour and Interactions With People*. Cambridge: Cambridge University Press.
- Szinak, J. & Veress, I. (1976). How did the wolf become a dog? *Buvar* **31**, 173-176.
- Tanabe, Y. (1985). *An Approach to the Mystery of Ancient Japanese by Tracing the Modern Japanese Dogs*. Tokyo: PHP Kenkyusho. [Japanese].
- Tchernov, E. & Horwitz, L. K. (1991). Body size dimunition under domestication: Unconscious selection in primeval domesticates. *Journal of Anthropological Archaeology* **10**, 54-75.
- Troughton, E. Le G. (1971). The early history and relationships of the New Guinea highland dog (*Canis hallstromi*). *Proceedings Linnean Society New South Wales* **96**, 93-98.
- Trut, L. N. (1999). Early canid domestication: the fox-farm experiment. *American Scientist* **87**, 160-169.
- Trut, L.N. & Osadchuk, L.V. (1997). *Evolutionary-genetic and Genetic-physiological Aspects of Fur Animal Domestication: A Collection of Reports*. Oslo: IFASA/Scientifur.
- Van Gelder, R. G. (1978). A review of canid classification. *American Museum Novitates* **2646**, 1-10.
- Wayne, R. K. (1993). Molecular evolution of the dog family. *Trends in Genetics* **9**, 218-224.
- Willis, M. B. (1989). *Genetics of the Dog*. New York: Howell Book House.

Folklore and general reading

- Allen, D. L. (1979, 1993). *Wolves of Minong: Their Vital Role in a Wild Community*. Ann Arbor: University of Michigan Press.
- Anonymous. (1852). Children suckled by wolves. *Chamber's Journal* (n.s.) 17, 122-123.
- Anonymous. (1853). The wolf as an object of superstition. *Chamber's Edinburgh Journal* 20, 27-30.
- Anonymous. (1854). Wolf nurses in India. *Harper's New Monthly Magazine* 9, 199.
- Anonymous. (1869). Wolf-hunting in Chicago. *Appleton's Journal* 2, 230-231.
- Anonymous. (1882). Wolf children. *Chamber's Journal* 59, 597-599.
- Anonymous. (1927). Wolf children of India. *Living Age* 332, 1021-1022.
- Anonymous. (1927). India's wolf children found in caves. *Literary Digest* 95, 54-56.
- Anonymous. (1939). Trained timber wolves. *Outdoor Life* 83, 65.
- Ball, V. (1873). Notes on children found living with wolves in the northwestern provinces and Oudh. *Proceedings Asiatic Society Bengal* 8, 128-129.
- Bauer, P. (1995). *Wild Puppies*. San Francisco: Chronicle Books.
- Baynes, E. H. (1923). Timber wolves - wild and tame. *Nature Magazine* 2, 333-338.
- Beck, A. M. & Jones, B. A. (1985). Unreported dog bites in children. *Public Health Reports* 100, 315-321.
- Bettelheim, B. (1959). Feral children and autistic children. *American Journal of Sociology* 64, 455-467.
- Bomford, L. (1993). *The Complete Wolf*. New York: St. Martin's Press.
- Bradshaw, J. (1992). *The Wolf: The World's Wild Dogs*. Ada, OK: Garrett Educational Corporation.
- Brandenburg, J. (1990). *White Wolf: Living with an Arctic Legend*. Minocqua, WI: NorthWord Press.
- Braund, K. (1975). *The Uncommon Dog Breeds*. New York: Arco Publishing Company.
- Brisbin, I. L., Jr. (1992). Carolina dog. *Wolves and Related Canids* (Fall), 41-44.
- Carson, L. (1939). Black wolves of Revillagigedo. *The Alaska Sportsman* 5, 8-9, 25-29.
- Casey, D. & Clark, T. W. (1996). *Tales of the Wolf: Fifty-one Stories of Wolf Encounters in the Wild*. Moose, WY: Homestead Publishing.
- Clarke, C. H. D. (1971). The Beast of Gevaudan. *Natural History* 80, 44-51.
- Clutton-Brock, J. (1995). Aristotle, the scale of nature, and modern attitudes to animals. *Social Research* 62, 415-838.
- Clutton-Brock, J. (1996). Competitors, companions, status symbols, or pests: A review of human associations with other carnivores. In (J. L. Gittleman, Ed) *Carnivore Behaviour, Ecology, and Evolution*, Vol. 2. Ithica: Comstock Publications, pp. 375-392.
- Colbert, E. H. (1939). Wild dogs and tame - past and present. *Natural History* 43, 90-95.
- Coppinger, R. & Feinstein, M. (1991). Hark! Hark! The dogs do bark and bark and bark. *Smithsonian* 21, 119-129.
- Cordy-Collins, A. (1994). An unshaggy dog story. *Natural History* 103, 34-41.
- Crane, C. (1991). Wolves in dogs' clothing. *Animals* 124, 28-31.
- Crisp, W. G. (1956). Tahltan bear dog. *The Beaver* 287, 38-41.
- Dalrymple, B. (1919). *The Gray Wolf of South Dakota*. Altoona, PA: Altoona Tribune.
- Doogan, M. (1991). A dog in wolf's clothing. *Alaska* 57, 16-18.
- Drummond, L. (1977). Structure and process in the interpretation of South American myth: The Arawak Dog Spirit People. *American Anthropologist* 79, 842-868.
- Eckels, R. P. (1937). *Greek wolf Lore*. Philadelphia: University of Pennsylvania.
- Editor. (1938). Trains wolves for sled team. *The Outdoorsman* 77, 6.
- Ekblaw, W. E. (1936). Eskimo dogs - forgotten heroes. *Natural History* 37, 173-184.
- Fiennes, R. & Fiennes, A. (1968). *The Natural History of the Dog*. London: Weidenfeld & Nicholson.
- Fogle, B. (1995). *The Encyclopedia of the Dog*. Willowdale, Ontario: Firefly Books.
- Fox, M. W. (1980). *The Soul of the Wolf*. Boston: Little Brown.
- Fox, M. W. (1980, 1992). *The Soul of the Wolf: A Meditation on Wolves and Man*. New York: Lyons & Burford.
- Gittleman, J. L. & Pimm, S. L. (1991). Crying wolf in North America. *Nature* 351, 524-525.
- Gordon, W. R. (1942). I tamed a wolf for my dog team. *The Alaska Sportsman* 8, 10-11, 29-31.
- Gotch, A. F. (1979). Introduction, and Dogs, weasels, lions and their kin. In *Mammals - Their Latin Names Explained*. Poole, UK: Blandford Press, pp. 11-21, 157-162.
- Gould, S. J. (1994). A dog's life in Galton's polyhedron. In *Eight Little Piggies*. New York: W. W. Norton & Co., pp. 382-395.
- Gregg, J. (1943). The strange "dog" of Fort Selkirk. *The Beaver* 273, 31.
- Gregory, W. K. (1933). Nature's wild dog show. *Bulletin New York Zoological Society* 36, 83-96.
- Grinnell, G. B. (1896). About wolves and coyotes. *Forest and Stream* 47, 511-512.
- Grinnell, G. B. (1907). Dog-wolf partnership. *Forest and Stream* 69, 772.
- Hampton, B. (1997). *The Great American Wolf*. New York: Henry Holt & Co.
- Harry, J. E. (1936). *Dog and Dogs*. New York & London.
- Hellmuth, J. (1964). *A Wolf in the Family*. New York: The New American Library.
- Hochmeyer, E. (1885). Were-wolves and wolf-children. *American Field* 24, 8.
- Hormell, R. S. (1940). Notes on the history of rheumatism and gout. *The New England Journal of Medicine* 223, 754-760. [use by ancient Greeks of hot wolf oil to cure arthritis].
- Johnson, S. A. & Aamodt, A. (1985). *Wolf Pack: Tracking Wolves in the Wild*. Minneapolis: Lerner Publications Co.
- Kappeler, M. (1991). *Dogs: Wild and Domestic (Animal Families)*. Milwaukee: Gareth Stevens Children's Books.
- Kneafsey, B. & Condon, K. C. (1995). Severe dog-bite injuries, introducing the concept of the pack attack: A literature review of seven case reports. *Injury* 26, 37-41.
- Laing, H. M. (1939). Leave it to lobo. *Field and Stream* 44, 36-38, 63.
- Lane, B. (1941). Wolves are queer devils. *The Alaska Sportsman* 7, 10-11, 32-34.
- Lantier-Sampon, P. (1992). *The Wonder of Wolves*. Milwaukee: Gareth Stevens Publishing.
- Lascelles, T. (1939). The nature album: why don't huskies bark like domestic dogs? *Forest and Outdoors* 35, 354-356.

Bibliography of dogs & wolves

- Lawrence, R. D. (1986, 1988). *In Praise of Wolves*. New York: Ballantine.
- Lawrence, R. D. (1990). *Wolves*. San Francisco: Sierra Club Books/ Boston: Little, Brown & Co.
- Lawrence, R. D. (1993). *Trail of the Wolf*. Emmaus, PA: Rodale Press.
- Leach, M. (1961). *God had a Dog*. New Brunswick, NJ: Rutgers University Press.
- Lepthien, E. U. (1991). *Wolves*. Chicago: Childrens Press.
- Leslie, R. F. (1974). *In the Shadow of a Rainbow: The True Story of a Friendship Between Man and Wolf*. New York: W.W. Norton & Co.
- Lever, C. (1985). *Naturalized Mammals of the World*. London: Longman.
- Ling, M. (1991). *Amazing Wolves, Dogs, and Foxes*. New York: Alfred A. Knopf.
- Lockwood, R. & Rindy, K. (1987). Are 'pit bulls' different? An analysis of the pit bull terrier controversy. *Anthrozoos* 1, 2-8.
- Long, K. (1996). *Wolves: A Wildlife Handbook*. Boulder, CO: Johnson Books.
- Lopez, B. H. (1978). *Of Wolves and Men*. New York: Charles Scribner's Sons.
- McLoughlin, J. C. (1983). *The Canine Clan: A New Look at Man's Best Friend*. New York: The Viking Press.
- Mech, L. D. (1977). Where can the wolf survive? *National Geographic Magazine* 152, 518-537.
- Mech, L. D. (1987). At home with the Arctic wolf. *National Geographic Magazine* 171, 562-594.
- Mech, L. D. (1988). *The Arctic Wolf: Living with the Pack*. Minnesota: Voyageur Press.
- Meintaeef, P. A. (1937). Wolf myth exploded. *Christian Science Monitor*. July 7, 5.
- Merriam, C. H. (1923). Wolf attack on humans denied. *Outdoor Life* 51, 493.
- Mestel, R. (1994). Ascent of the Dog. *Discover: The World of Science* 15, 90-98.
- Morbidity and Mortality Weekly Reports. (1997). Dog-bite related fatalities - United States, 1995-1996. *Morbidity and Mortality Weekly Reports* 46, 467.
- Ogburn, W. F. & Bose, N. K. (1959). On the trail of the wolf-children. *Genetic Psychology Monthly* 60, 117-193.
- Podberscek, A. (1994). Dog on a tightrope: The position of the dog in British society as influenced by press reports on dog attacks (1988-1992). *Anthrozoos* 7, 232-241.
- Pollard, J. (1964, 1991). *Wolves and Werewolves*. London: R. Hale.
- Powers, W. K. & Powers, M. N. (1986). Putting on the dog. *Natural History* 95, 6-17.
- Peterson, R. L. (1947). A record of a timber wolf attacking a man. *Journal of Mammalogy* 28, 294-295.
- Rapoport, R. (1994). *The Wolf*. Berkeley, CA: RDR Books.
- Ray, Mrs. G. R. (1940). The mad wolf at Fort Churchill. *The Beaver* 271, 30.
- Rine, J. Z. (1965). *The World of Dogs*. New York: Doubleday.
- Rosenberger, J. (1995). Wolves, dogs, and danger. *Animals* 128, 13-17.
- Rue, L. L., III. (1994). *Wolves: A Portrait of the Animal World*. New York: Smithmark Publishers, Inc.
- Rutter, R. J. & Pimlott, D. H. (1968). *The World of the Wolf*. Philadelphia & New York: J. B. Lippincott Co.
- Sacks, J. J., Sattin, R. W. & Bonzo, S. E. (1989). Dog bite-related fatalities from 1979 through 1988. *Journal of the American Medical Association* 262, 1489-1492.
- Savage, C. (1989). *Wolves*. San Francisco: Sierra Club Books.
- Savage, C. (1996). *The World of the Wolf*. San Francisco: Sierra Club Books.
- Senn, H. A. (1982). *Were-wolf and Vampire in Romania*. New York: Columbia University Press.
- Serpell, J. A. (1983). The personality of the dog and its influence on the pet-owner bond. In (A. H. Katcher & A. M. Beck, Eds) *New Perspectives on our Lives with Companion Animals*. Philadelphia: University of Pennsylvania Press, pp. 57-65.
- Shaw, J. H. & Jordan, P. A. (1977). The wolf that lost its genes. *Natural History* 86, 80-88.
- Sheldon, J. W. (1992). *Wild Dogs: The Natural History of the Nondomestic Canidae*. San Diego: Academic Press.
- Shchepanskaia, T. B. (1993). The dog as a guide on the brink of worlds. *Etnograficheskoe obozrenie* 1, 71-79. [Russian, English summary].
- Shockwill, G. A. (1898). Wolf children. *Lippincott Monthly Magazine* 61, 115-125.
- Singh, J. A. L. & Zingg, R. M. (1942). *Wolf Children and Feral Man*. New York: Harper & Brothers.
- Sleeman, Sir W. H. (1888). Wolves nurturing children in their dens. *The Zoologist* 12, 87-98.
- Smart, G. F. (1931). A wolf pack howls in his back yard. *American Magazine* 111, 81, 129.
- Smith, C. H. (1846). Dogs. *The Naturalist's Library*, vols. 18-19. Edinburgh.
- Speelan, S. R. & Williams, J. O. (1926). Breeds of dogs. *United States Department Agriculture Farmers' Bulletin* 1491, 1-46.
- Tedford, R. (1978). *History of Dogs and Cats*. St. Louis: Ralston Purina Co.
- Texas Department of Health. (1997). *Texas 1996 severe attack surveillance summary*. [on the internet: <http://www.kc.net/~wolf2dog/texasbite.htm>].
- Thomas, E. M. (1993). *The Hidden Life of Dogs*. Boston: Houghton Mifflin Co.
- Traup, N. E. (1888). Wolves nurturing children. *The Zoologist* 12, 221.
- Voelker, R. (1997). Dog bites recognized as public health problem. *Journal American Medical Association* 277, 278-280.
- Walsh, J. H. (1879). *The Dogs of Great Britain, America, and Other Countries*. New York: Orange Judd.
- White, D. (1944). Man-sized wolf. *Field and Stream* 48, 75.
- White, D. G. (1991). *Myths of the Dog-Man*. Chicago: University of Chicago Press.
- Wilcox, B. W. & Walkowicz, C. (1989). *The Atlas of Dog Breeds of the World*. Neptune City, NJ: T. F. H. Publications.
- Wright, J. C. (1991). Canine aggression toward people; bite scenarios and prevention. *Veterinary Clinics of North America Small Animal Practice* 21, 299-314.
- Young, S. P. (1930). Conquering wolfdom and catdom. *Southwest Wilds and Waters* 2, 6-7, 47.
- Young, S. P. (1941). The evolution of the steel wolf trap in North America. *Western Sportsman* 6, 10- 11, 30-31.
- Zimen, E. (1981). *The Wolf: A Species in Danger*. New York: Delacorte Press.
- Zingg, R. M. (1941). India's wolf children - two human infants reared by wolves. *Scientific American* 164, 135-137.

Taxonomy

- Clutton-Brock, J., Corbet, G. B. & Hills, M. (1976). A review of the family Canidae with a classification by numerical methods. *Bulletin of the British Museum (Natural History), Zoology* **29**, 119-199.
- Corbet, G. B. & Clutton-Brock, J. (1984). Appendix: Taxonomy and nomenclature. In (I. L. Mason, Ed) *Evolution of Domesticated Animals*. London: Longman, pp. 434-438.
- Corbet, G. B. & Hill, J. E. (1991). Introduction and Family Canidae. In *A World List of Mammalian Species*, 3rd edition. Oxford: Oxford University Press, pp. 1-8, 101-102.
- Gentry, A., Clutton-Brock, J. & Groves, C. P. (1996). Case 3010: Proposed conservation of usage of 15 mammal specific names based on wild species which are antedated by or contemporary with those based on domestic animals. *Bulletin of Zoological Nomenclature* **53**, 28-37.
- Groves, C. P. (1971). Request for a declaration modifying Article 1 so as to exclude names proposed for domestic animals from zoological nomenclature. *Bulletin of Zoological Nomenclature* **27**, 269-272.
- International Commission on Zoological Nomenclature. (1926). Opinion 91. Thirty-five generic names of mammals placed in the official list of generic names. *Smithsonian Miscellaneous Collections* **73**, 1-2.
- International Commission on Zoological Nomenclature. (1957). Opinion 451. Use of the plenary powers to secure that the specific name dingo Meyer, 1793, as published in the combination *Canis dingo*, shall be the oldest available name of the dingo of Australia (Class Mammalia). *Opinions International Commission Zoological Nomenclature* **15**, 329-338.
- Kennedy, M. L. & Smith, R. A. (nd). Field identification of coyotes and domestic dogs. In *Systematics, Food Habits, and Parasites of the Coyote (Canis latrans) in Tennessee*. Nashville: Tennessee Wildlife Resources Agency.
- Longman, H. A. (1928). Note on the dingo, the Indian wild dog and a Papuan dog. *Memoirs of the Queensland Museum* **9**, 151-157.
- Lull, R. S. (1922). Variations or specific distinctions: which? *Bulletin of the Geological Society of America* **33**, 599, 604.
- May, R. (1990). Taxonomy as destiny. *Nature* **347**, 129-130.
- Melville, R.V. & Smith, J. D. D. (1987). *Official Lists and Indexes of Names and Works in Zoology*. London: International Trust for Zoological Nomenclature.
- O'Brien, S. J. & Mayr, E. (1991). Bureaucratic mischief: recognizing endangered species and subspecies. *Science* **251**, 1187-1188.
- Palmeirim, J. M. (1998). Analysis of skull measurements and measurers: Can we use data obtained by various observers? *Journal of Mammalogy* **79**, 1021-1028.
- Pocock, R. I. (1935). The races of *Canis lupus*. *Proceedings of the Zoological Society of London* **3**, 647-686.
- Whitlock, S. C. (1948). Identification of wolf, coyote, dog. *Michigan Conservationist* **17**, 6-15.

Osteology

- Adams, L. A. (1935). Dental variations of the dog, *Canis domesticus*. *Transactions of the Illinois Academy of Science* **28**, 243-244.
- Anderson, R. J. (1901). Abnormal dentition in the dog. *Irish Naturalist* **10**, 89-90.
- Baumann, F. & Huber, W. (1946). On the development and juvenile skull shape of different canids. *Archiv Fuer Julius Klaus-Stiftung Fuer Ver. Soz. Rass.* **21**, 352-361.
- Bradley, O. C. (1908). Note on the interparietal region of the skull of the dog and horse. *Veterinary Journal* **15**, 485-490.
- Bradley, O. C. (1948). *Topographic Anatomy of the Dog*. 5th ed. Edinburgh: Oliver & Boyd.
- Buchalczyk, T., Dynowski, J. & Szteyn, S. (1981). Variations in number of teeth and asymmetry of the skull in the wolf. *Acta Theriologica* **26**, 23-30.
- Bueckner, H. J. (1971). Allometric studies on the front legs of adult canids. *Zoologischer Anzeiger* **186**, 11-46. [in German].
- Cahill, D. R. & Marks, S. C., Jr. (1982). Chronology and histology of exfoliation and eruption of mandibular premolars in dogs. *Journal of Morphology* **171**, 213-218.
- Campbell, A. (1842). Note on the skeletons of the Buansu, the Pariah dog, and Jackal. *Calcutta Journal of Natural History* **2**, 209-211.
- Carson, H. S. (1962). Coyote, coy-dog, or dog. *Maine Fish and Game*, Spring, 4-7.
- Churcher, C. S. (1960). Cranial variation in the North American Red fox. *Journal of Mammalogy* **41**, 349-360.
- Clutton-Brock, J., Kitchener, A. C. & Lynch, J. M. (1994). Changes in the skull morphology of the Arctic wolf, *Canis lupus arctos*, during the twentieth century. *Journal of Zoology* **233**, 19-36.
- Cross, E. C. (1940). Arthritis among wolves. *Canadian Field-Naturalist* **54**, 2-4.
- Daigo, M. (1956). Comparative studies on the osteology of dogs by breeds I (cranium). *Bulletin of the Nippon Veterinary And Zootechnical College* **6**, 43-50. [Japanese, English summary].
- Daigo, M. (1957). Comparative studies on the osteology of dogs by breeds II (mandibulae). *Bulletin of the Nippon Veterinary And Zootechnical College* **6**, 70-79. [Japanese, English summary].
- Daigo, M. (1957). Comparative studies on the osteology of dogs by breeds III (pelvis). *Jyu-i Chikusan Shinpo* **306**, 725-729. [Japanese].
- Dayan, T., Simberloff, D., Tchernov, E. & Yom-Tov, Y. (1992). Canine carnassials: Character displacement in the wolves, jackals and foxes of Israel. *Biological Journal of the Linnean Society* **45**, 315-331.
- de Serres, M. M. (1835). On the distinctive characters of the dog, the wolf, and the fox, as supplied by the skeleton. *Edinburgh New Philosophical Journal* **19**, 244-253.
- Dolgov, V. A. & Rossolimo, O. L. (1964). Dental abnormalities in *Canis lupus* Linnaeus, 1758. *Acta Theriologica* **8**, 237-244. [Russian, English summary].

- Endo, H., Obara, I., Yoshida, T., Kurohmaru, M., Hayashi, Y. & Suzuki, N. (1997). Osteometrical and CT examination of the Japanese wolf skull. *Journal of Veterinary Medical Science* **59**, 531-538.
- Federoff, N. E. (1996). Malocclusion in the jaws of captive bred Arctic wolves, *Canis lupus arctos*. *Canadian Field-Naturalist* **110**, 683-687.
- Fine, M. D. (1964). An abnormal P/2 in *Canis cf. C. latrans* from the Hagerman Fauna of Idaho. *Journal of Mammalogy* **45**, 483-485.
- Flower, W. H. (1869). On the value of the characters of the base of the cranium in the classification of the order Carnivora, and on the systematic position of *Bassaris* and other disputed forms. *Proceedings of the Zoological Society of London* **1868**, 4-37.
- Flower, W. H. (1870). *An Introduction to the Osteology of the Mammalia*. London: Macmillan.
- Flower, W. H. (1871). On the composition of the carpus of the dog. *Journal of Anatomy and Physiology* **6**, 62-64.
- Fritts, S. H. & Caywood, D. D. (1980). Osteoarthritis in a wolf (*Canis lupus*) radio-tracked in Minnesota. *Journal of Wildlife Diseases* **16**, 413-417.
- Gilbert, B. M. (1980). Cranial traits separating canids. In *Mammalian Osteology*. Laramie, Wyoming: B. Miles Gilbert.
- Giles, E. (1960). Multivariate analysis of Pleistocene and recent coyotes (*Canis latrans*) from California. *University of California Publications in Geological Sciences* **36**, 369-390.
- Gimmelreikh, G. A., Manzyi, S. F., Klikov, V. J., Melnik, K. P. & Pilipchuk, O. Y. (1985). Morphology and Skeleton. In (D. I. Bibikov, Ed.) *The Wolf: History, Systematics, Morphology, Ecology*. Moscow: Nauka, pp. 125-175. [Russian].
- Goodwin, E. A. & Ballard, W. B. (1985). Use of tooth cementum for age determination of gray wolves. *Journal of Wildlife Management* **49**, 313-316.
- Gray, J. E. (1868). Notes on the skulls of the species of dogs, wolves and foxes (Canidae) in the collection of the British Museum. *Proceedings of the Zoological Society of London* **1868**, 492-525.
- Guilday, J. E. (1962). Supernumerary molars of *Otocyon*. *Journal of Mammalogy* **43**, 455-462.
- Gunson, J. R. & Nowak, R. M. (1979). Largest gray wolf skulls found in Alberta. *Canadian Field Naturalist* **93**, 308-309.
- Hall, E. R. (1940). Supernumerary and missing teeth in wild mammals of the orders Insectivora and Carnivora, with some notes on disease. *Journal of Dental Research* **19**, 103-143.
- Harrison, D. L. (1973). Some comparative features of the skulls of wolves and pariah dogs. *Bonner Zoologische Beitraege* **24**, 186-191.
- Hare, W. C. D. (1961). Radiographic anatomy of the cervical region of the canine vertebral column. Part II: Developing vertebrae. *Journal of the American Veterinary Medical Association* **139**, 217-220.
- Hell, P. (1972). Craniometric study performed on wolves (*Canis lupus* L.). *Lynx* **13**, 5-14. [Czech, German summary].
- Hell, P. (1990). Dental anomalies among West Carpathian wolves and their significance in dog breeding. *Zeitschrift fuer Jagdwissenschaft* **36**, 266-269. [German, English summary].
- Hell, P. & Duricka, J. (1989). Anomalie chrupu zapadokarpatskeho vlka (*Canis lupus*) [Anomalies of the dentition of the West Carpathian wolf]. *Folia venatoria* **19**, 339-347. [Slovak, English & German summaries].
- Hildebrand, M. (1952). An analysis of body proportions in the Canidae. *American Journal of Anatomy* **90**, 217-256.
- Hildebrand, M. (1954). Comparative morphology of the body skeleton in Recent Canidae. *University of California Publications in Zoology* **52**, 399-470.
- Holler, W. (1978). Vergleichende Untersuchung an den obersten ersten Molaren bei Wolf (*Canis lupus lupus*), Haushund (*Canis familiaris*-Dobermann) und Goldschakal (*Canis aureus*) mit Hilfe der Moire-Topographie. [Comparative study of the first upper molar of the wolf (*Canis lupus lupus*), house dog (*Canis familiaris*) (dobermann pinscher), and the oriental jackal (*Canis aureus*) via moire-topography]. *Saugetierkundliche Mitteilungen* **26**, 131-139.
- Hough, J. R. (1948). The auditory region in some members of the Procyonidae, Canidae, and Ursidae. *Bulletin of the American Museum of Natural History* **92**, 67-118.
- Howard, W. E. (1949). A means to distinguish skulls of coyotes and domestic dogs. *Journal of Mammalogy* **30**, 169-171.
- Huber, W. & Lueps, P. (1987). Problems of the skull of the domestic dog from the recent point of view. *Lynx* **11**, 67-73.
- Humphries, J. M., Bookstein, F. L., Chernoff, B., Smith, G. R., Elder, R. L. & Poss, S.G. (1981). Multivariate discrimination by shape in relation to size. *Systematic Zoology* **30**, 291-308.
- Huxley, T. H. (1880). On the cranial and dental characters of the Canidae. *Proceedings of the Zoological Society London* **16**, 238-287.
- Huxley, T. H. (1880). On the epipubis in the dog and fox. *Proceedings of the Royal Society of London* **30**, 162-163.
- Jolicoeur, P. (1959). Multivariate geographic variation in the wolf. *Evolution* **13**, 283-301.
- Jolicoeur, P. (1975). Sexual dimorphism and geographical distance as factors of skull variation in the wolf *Canis lupus* L. In (M. W. Fox, Ed) *The Wild Canids: Their Systematics, Behavioral Ecology and Evolution*. Malabar, FL: Krieger Publishing Co., pp. 54-61.
- Kato, K. (1957). Morphological study of the macerated dog pelvis bones. *Report from the Department of Anatomy, Jikei University School of Medicine* **17**, 1-36 [Japanese].
- Kaudelka, F. (1885). *Die Tierknochenfunde aus den spätromischen Siedlungsschichten von Lauriacum*. Ph.D. Thesis. Munich University [discusses canid shoulder height based on long bone length ratios].
- Krantz, G. S. (1959). Distinctions between the skulls of coyotes and dogs. *Kroeber Anthropological Society Papers* **21**, 40-45.
- Lokhotop, R. I. (1994). Anomalii cherepa i Zubnoi sistemy volka s territorii Ukrayiny [Cranial and dentition anomalies in wolf of the Ukrainian territory]. *Vestnik Zoologii* **94**, 45-50. [Russian, English summary].
- Lueps, P. & Huber, W. (1969). Attempt at a differentiated characterization of the skull base of the wolf and the domestic dog. *Mitteilungen der Naturforschenden Gesellschaft in Bern* **26**, 1-29 [German].
- Mallory, F. F., Hillis, T. L., Blomme, C. G. & Hurst, W. G. (1994). Skeletal injuries of an adult timber wolf, *Canis lupus*, in northern Ontario. *Canadian Field-Naturalist* **108**, 230-232.

- Marrett Tims, H. W. (1896). On the tooth genesis in the Canidae. *Journal Linnean Society (Zoology)* **25**, 445-480.
- Meyer, P. (1974). Teeth of female wolves. *Deutsche Tierärztliche Wochenschrift* **81**, 171 [German].
- Mivart, St. G. (1890). Note on canine dental abnormalities. *Proceedings of the Zoological Society of London* **1890**, 376-378.
- Morris, E. L. (1971). *Detection of bone disease in dogs by radioisotope scanning*. Master's Thesis, Texas A&M University.
- Nenkoff, G. I. (1935). Variations in the ribs and vertebrae of the dogs. *Sofia Selsko-Stapanska Akademija* **10**, 461-497. [Russian]
- Newsome, A. E., Corbett, L. K. & Carpenter, S. M. (1980). The identity of the dingo. I. Morphological discriminants of dingo and dog skulls. *Australian Journal of Zoology* **28**, 615-625.
- Nussbaumer, M. (1982). On the variability of dorsal-basal curvatures in skulls of domestic dogs. *Zoologischer Anzeiger* **209**, 1-32. (German, English summary).
- Obara, I. (1980). Cranial and dental characters of the Japanese native dogs. *Report of the Society for Researches on Native Livestock* **9**, 139-154. [Japanese, English summary].
- Ogata, M., Wakuri, H., Suzuki, T. & Sugiura, K. (1979). Statistic study on dental numerical anomalies in the Japanese mongrel dog (*Canis familiaris*). *Journal of the Mammalian Society of Nippon* **8**, 33-39. [Japanese, English summary].
- Okarma, H. & Buchalczyk, T. (1993). Craniometrical characteristics of wolves *Canis lupus* from Poland. *Acta Theriologica* **38**, 253-262.
- Olsson, S. (1971). Degenerative joint disease (osteoarthritis): A review with special reference to the dog. *Journal of Small Animal Practice* **12**, 333-342.
- Onodera, S., Shigehara, N. & Eto, M. (1987). Discriminant analysis of the sexual differences of the skeletons in shiba dogs (*Canis familiaris*). *Acta Anatomica Nipponica* **62** [Japanese, English summary].
- Ostergard, M. (1980). X-ray diffraction investigations of bones from domestic and wild animals. *American Antiquity* **45**, 59-63.
- Parker, G. R. & Maxwell, J. W. (1986). Identification of pups and yearling wolves, *Canis lupus*, by dentine width in the canine. *Arctic* **39**, 180-181.
- Pasitschniak-Arts, M., Taylor, M. E. & Mech, D. L. (1988). Note on skeletal injuries in an adult Arctic wolf. *Arctic and Alpine Research* **20**, 360-365.
- Pichette, C. & Voight, D. R. (1971). A multivariate analysis of some Ontario and Quebec wolf (*Canis lupus*) skulls. *Bulletin Service de la faune du Québec* **13**.
- Riser, W. H., Parkes, L. J. & Shirer, J. F. (1967). Canine craniomandibular osteopathy. *American Veterinarian Radiologic Society* **8**, 23-31.
- Rossolino, O. L. & Dolgov, V. A. (1965). Variability of the skull in *Canis lupus* Linnaeus, 1758 from the U.S.S.R. *Acta Theriologica* **10**, 195-207.
- Schebitz, H. C. H. & Wilkens, H. (1986). *Atlas of Radiographic Anatomy of the Dog and Cat*. Toronto: W. B. Saunders.
- Serres, M. de. (1835). On the distinctive characters of the dog, the wolf and the fox, as supplied by the skeleton. *Edinburgh New Philosophical Journal* **19**, 244-253.
- Shigehara, N., Onodera, S. & Eto, M. (1997). Sex determination by discriminant analysis and evaluation of non-metric traits in the dog skeleton. In (S. J. Crockford) *Osteometry of Makah and Coast Salish Dogs*. Burnaby, BC: Simon Fraser University Archaeology Press **22**, pp. 113-126.
- Shipp, A. D. (1991). Crown reduction - disarming of biting pets. *Journal of Veterinary Dentistry* **8**, 4-6.
- Shufeldt, R. W. (1897-1901). The osteology of *Vulpes macrotis*. *Journal of the Philadelphia Academy of Natural Science*, **2/11**, 395-414.
- Silver, I. A. (1969). The ageing of domestic animals. In (D. Brothwell & E. Higgs, Eds) *Science in Archaeology*. London: Thames & Hudson, pp. 283-302.
- Smith, R. N. & Allcock, J. (1960). Epiphysial fusion in the greyhound. *The Veterinary Record* **72**, 75-79.
- Stains, H. J. (1975). Calcanea of members of the Canidae. *Bulletin of the Southern California Academy of Sciences* **74**, 143-155.
- Suminski, P. & Kobryn, K. (1980). Assessment of the usefulness of a discrimination analysis method of sex determination of wolf skulls (*Canis lupus* L. 1758). *Zeitschrift fuer Jagdwissenschaft* **26**, 121-126. [German, Russian & English summaries].
- Sumner-Smith, G. (1966). Observations on epiphyseal fusion of the canine appendicular skeleton. *Journal of Small Animal Practice* **7**, 303-311.
- Teichert, M. (1987). Brachymel dogs. *Archaeozoologia* **1**, 69-75.
- The, T. L. & Trout, C. O. (1976). Sexual dimorphism in the basilar part of the occipital bone of the dog (*Canis familiaris*). *Acta Anatomica* **95**, 565-571.
- Thomson, P. C. & Rose, K. (1992). Age determination of dingoes from characteristics of canine teeth. *Wildlife Research* **19**, 597-599.
- Valverde, J. A. & Hidalgo, A. (1974). On the wolf, *Canis lupus*, in Iberia: I. Sexual dimorphism in skulls. *Donana Acta Vertebrata* **1**, 233-244. [Spanish, English summary].
- Van Valkenburgh, B. (1988). Incidence of tooth breakage among large predatory mammals. *American Naturalist* **131**, 291-302.
- Vaughan, L. C. (1987). Disorders of the tarsus in the dog. I. *British Veterinary Journal* **143**, 388-401.
- Vilà, C., Urios, V. & Castroviejo, J. (1993). Tooth losses and anomalies in the wolf (*Canis lupus*). *Canadian Journal of Zoology* **71**, 968-971.
- Vitums, A. (1952). Hyperphalangism of an extremely well developed first digit accompanied by an extra dewclaw in the hindpaws of a dog. *American Veterinary Medical Association Journal* **121**, 93-95.
- Voros, I. & Szathmary, L. (1977). The results of osteometric examinations on the wolf, *Canis lupus* Linne, 1758 of Barabas (northeast Hungary, Szabolcs-Szatmar County). *Acta Biologica Debrecina* **14**, 159-164. [Hungarian, English & German summaries].
- Watkins, J.D. & Bradley, R. Craniomandibular osteopathy in a Labrador puppy. *Veterinarian Record* **79**, 262-264.
- Wayne, R. K. (1984). *A comparative study of skeletal growth and morphology in domestic and wild canids*. Master's Thesis, Johns Hopkins University.
- Wayne, R. K. (1986a). Cranial morphology of domestic and wild canids: the influence of development on morphological change. *Evolution* **40**, 243-261.
- Wayne, R. K. (1986b). Developmental constraints on limb bone growth in domestic and some wild canids. *Journal of Zoology (London)* **4** **210**, 381-399.
- Wayne, R. K. (1986c). Limb morphology of domestic and wild canids: the influence of development on morphological change. *Journal of Morphology* **187**, 301-319.

Bibliography of dogs & wolves

- Wilder, B. G. (1874). On the composition of the carpus in dogs. *Proceedings of the American Association of the Advancement of Science Portland 1873*, 301-302.
- Windle, B. C. A. (1880). On some cranial and dental characters of the domestic dog. *Proceedings of the Zoological Society London 1890*, 5-29.
- Wood-Jones, F. (1929). The cranial characters of the Papuan dog. *American Journal of Mammalogy 10*, 329-333.
- Zoolitsch, H. (1969). Metrische untersuchungen an schadeln adulter Wildwolfe und Goldschakale. [Metric investigations of the wild wolf and jackal.] *Zoologischer Anzeiger 182*, 153-182. [German]

Morphology

- Adam, W. S. (1970). *Microscopic Anatomy of the Dog: A Photographic Atlas*. Springfield, IL: C. C. Thomas.
- Alberch, P. (1985). Developmental constraints: why St. Bernards often have an extra digit and poodles never do. *American Naturalist 126*, 430-433.
- Atkins, D. L. & Dillon, L. S. (1971). Evolution of the cerebellum in the genus *Canis*. *Journal of Mammalogy 52*, 96-107.
- Bekoff, M. & Jamieson, R. (1975). Physical development in coyotes (*Canis latrans*) with a comparison to other canids. *Journal of Mammalogy 56*, 685-692.
- Bookstein, F. L. (1989). "Size and Shape;" a comment on semantics. *Systematic Zoology 38*, 173-180.
- Corbett, L. K. (1985). Morphological comparisons of Australian and Thai dingos: A reappraisal of dingo status, distribution and ancestry. *Proceedings of the Ecological Society of Australia 13*, 277-291.
- Dawson, W. M. (1937). Heredity in the dog. *United States Department of Agriculture Yearbook 1937*, 1314-1349.
- Dennis-Bryan, K. & Clutton-Brock, J. (1988). *Dogs of the Last Hundred Years at the British Museum (Natural History)*. London: British Museum (Natural History).
- Ebinger, P. (1980). Relationship of brain weight and body weight in wolves and domestic dogs. *Zeitschrift fuer Saeugertierkunde 45*, 148-153. [German, English summary].
- Eilam, D. (1994). Influence of body morphology on turning behavior in carnivores. *Journal of Motor Behavior 26*, 3-12.
- Elton, C. (1931). Epidemics among sledge dogs in the Canadian Arctic and their relation to disease in the Arctic fox. *Canadian Journal of Research 5*, 673-692.
- Evans, H. E. (1993). *Miller's Anatomy of the Dog*. Philadelphia: W.B. Saunders.
- Evans, H. E. & Christensen, G. C. (1979). *Miller's Anatomy of the Dog*. Philadelphia: W.B. Saunders.
- Harris, R. B. & Ream, R. R. (1983). A method to aid in discrimination of tracks from wolves and dogs. *Canadian Wildlife Service Report 45*, 120-124.
- Hildebrand, M. (1952). The integument in Canidae. *Journal of Mammalogy 33*, 419-428.
- Hillis, T. L. & Mallory, F. F. (1996). Fetal development in wolves, *Canis lupus*, of the Keewatin District, Northwest Territories, Canada. *Canadian Journal of Zoology 74*, 2211-2218.
- Hillis, T. L. & Mallory, F. F. (1996). Sexual dimorphism in wolves (*Canis lupus*) of the Keewatin District, Northwest Territories, Canada. *Canadian Journal of Zoology 74*, 721-725.
- Howell, W. H. (1889). *Dissection of the Dog as a Basis for the Study of Physiology*. New York: H. Holt & Co.
- Iljin, N. A. (1926). Principal laws of inheritance and cynology. *Dog Breeding and Training URSS 1*, pp. 4-6. [Russian].
- Iljin, N. A. (1928). Ruby eye in dogs. *Dog Breeding and Training, U.R.S.S. 1*, 1-3. [Russian].
- Iljin, N. A. (1931). Coat colour inheritance in Dobermann-pinch. *Trud. Dinam. Razv. 6*, 241-151. [Russian, English summary].
- Kazmierczak, J. J., Burgess, E. C. & Mundson, T. E. (1988). Susceptibility of the gray wolf (*Canis lupus*) to infection with the Lyme disease agent, *Borrelia burgdorferi*. *Journal of Wildlife Diseases 24*, 522-527.
- Kennedy, A. T. (1982). Distinguishing characteristics of the hairs of wild and domestic canids from Alberta. *Canadian Journal of Zoology 60*, 536-549.
- Kennedy, P. K., Kennedy, M. L., Clarkson, P. L. & Liepins, I. S. (1991). Genetic variability in natural populations of the gray wolf, *Canis lupus*. *Canadian Journal of Zoology 69*, 1183-1188.
- Klinghammer, E. (1979). *The Behavior and Ecology of Wolves*. New York: Garland STPM Press.
- Kolenosky, G. B. & Standfield, R. O. (1975). Morphological and ecological variation among gray wolves (*Canis lupus*) of Ontario, Canada. In (M. W. Fox, Ed) *The Wild Canids: Their Systematics, Behavioral Ecology and Evolution*. Malabar, FL: Krieger Publishing Co., pp. 62-72.
- Lajeunesse, T. A. & Peterson, R. O. (1993). Marrow and kidney fat as condition indices in gray wolves. *Wildlife Society Bulletin 21*, 87-90.
- Landon, D. B., Waite, C. A., Peterson, R. O. & Mech, L. D. (1998). Evaluation of age determination techniques for gray wolves. *Journal of Wildlife Management 62*, 674-682.
- Mech, L. D. (1988). Longevity in wild wolves. *Journal of Mammalogy 69*, 197-198.
- Mech, L. D. (1997). An example of endurance in an old wolf, *Canis lupus*. *Canadian Field-Naturalist 111*, 654-655.
- Mech, L. D. & Goyal, S. M. (1993). Canine parvovirus effect on wolf population change and pup survival. *Journal of Wildlife Diseases 29*, 330-333.
- Mech, L. D. & Goyal, S. M. (1995). Effects of canine parvovirus on gray wolves in Minnesota. *Journal of Wildlife Management 59*, 565-570.
- Mech, L. D., Meier, T. J. & Seal, U. S. (1993). Wolf nipple measurements as indices of age and breeding status. *American Midland Naturalist 129*, 266-271.
- Miller, M. E. (1965). *Anatomy of the Dog*. Philadelphia: W. B. Saunders Co.
- Moneer, M. A., Farah, I. O., Pomeroy, K. A., Goyal, S. M. & Mech, L. D. (1988). Detection of parvoviruses in wolf feces by electron microscopy. *Journal of Wildlife Diseases 24*, 170-172.

- Okarma, H. (1991). Marrow fat content, sex and age of red deer killed by wolves in winter in the Carpathian Mountains. *Holarctic Ecology* 14, 169-172.
- Ozoga, J.J. & Harger, E. M. (1966). Occurrence of albino and melanistic coyotes in Michigan. *Journal of Mammalogy* 47, 339-340.
- Parker, R. R. (1926). The susceptibility of the coyote (*Canis lesto*) to tularemia. *Reports of the United States Public Health Service* 41, 1407-1410.
- Pederson, S. (1983). Geographic variation in Alaskan wolves. *Canadian Wildlife Service Report Series* 45, 345-361.
- Peichl, L. (1992). Morphological types of ganglion cells in the dog and wolf retina. *Journal of Comparative Neurology* 324, 590-602.
- Peichl, L. (1992). Topography of ganglion cells in the dog and wolf retina. *Journal of Comparative Neurology* 324, 603-620.
- Pocock, R. I. (1914). On the feet of domestic dogs. *Proceedings of the Zoological Society of London* 1914, 478-484.
- Pocock, R. I. (1914). On the feet and other external features of the Canidae and Ursidae. *Proceedings of the Zoological Society of London* 1914, 913-941.
- Ryder, M. L. (1997). A note on the hair measurements of domestic dogs. *The Linnean* 13, 39-44.
- Schmitz, O. J. & Lavigne, D. M. (1987). Factors affecting body size in sympatric Ontario *Canis*. *Journal of Mammalogy* 68, 92-99.
- Schultz, W. (1969). On Hallstrom's Dog (*Canis hallstromi*, Troughton 1957). *Zoologischer Anzeiger* 183, 47-72.
- Scott, H. H. (1928). Carcinoma on the tonsil in a common wolf (*Canis lupus*). *Proceedings of the Zoological Society of London* 1928, 43-47.
- Scott, J. P., Fuller, J. L. & King, J. A. (1959). The inheritance of annual breeding cycles in hybrid basenji-cocker spaniel dogs. *Journal of Heredity* 50, 254-261.
- Skeel, M. A. & Carbyn, L. N. (1977). The morphological relationship of gray wolves. *Canadian Journal of Zoology* 55, 737-747.
- Suminski, P. (1966). Comparative studies on the *os penis* and *os glandis* in domestic predatory animals. *Folia Morphologica* 25, 415-429.
- Theberge, J. B., Forbes, G. J., Barker, I. K. & Bollinger, T. (1994). Rabies in wolves of the Great Lakes region. *Journal of Wildlife Diseases* 30, 563-566.
- Thieking, A., Goyal, S. M., Bey, R. F., Loken, K. I., Mech, L. D., Thiel, R. P. & O'Connor, T. P. (1992). Seroprevalence of Lyme disease in gray wolves from Minnesota and Wisconsin. *Journal of Wildlife Diseases* 28, 177-182.
- Thurber, J. M. & Peterson, R. O. (1991). Changes in body size associated with the range expansion in the coyote (*Canis latrans*). *Journal of Mammalogy* 72, 750-755.
- Weiler, G. J., Garner, G. W. & Ritter, D. G. (1995). Occurrence of rabies in a wolf population in northeastern Alaska. *Journal of Wildlife Diseases* 31, 79-82.
- Wheler, C. L. & Pocknell, A. M. (1996). Ectopic perianal gland tumor in a timber wolf. *Canadian Veterinary Journal* 37, 41-42.

Behaviour & ecology

- Baridze, Y. K. & Todu, S. G. (1988). Some findings on the ontogenesis of wolf parental behavior. *Soobshcheniya Akademii Nauk Gruzinskoi S.S.R.* 132, 385-388 [Russian, English summary].
- Bekoff, M. (1975). Social behavior and ecology of the African Canidae: a review. In (M. W. Fox, Ed) *The Wild Canids: Their Systematics, Behavioral Ecology and Evolution*. Malabar, FL: Krieger Publishing Co., pp. 120-142.
- Bekoff, M. (1977). Social communication in canids. *Science* 197, 1097-1099.
- Bekoff, M., Daniels, T. J. & Gittleman, J. L. (1984). Life history patterns and the comparative social ecology of carnivores. *Annual Review of Ecology and Systematics* 15, 191-232.
- Bekoff, M., Hill, H. L. & Mitton, J. B. (1975). Behavioral taxonomy in canids by discriminant function analysis. *Science* 190, 1223-1225.
- Bekoff, M. & Wells, M. C. (1980). The social ecology of coyotes. *Scientific American* 242, 130-148.
- Bekoff, M. & Wells, M. C. (1982). Behavioral ecology of coyotes: Social organization, rearing patterns, space use, and resource defense. *Zeitschrift für Tierpsychologie* 60, 281-305.
- Bekoff, M. & Wells, M. C. (1986). Social ecology and behavior of coyotes. *Advances in the Study of Behavior* 16, 251-338.
- Berman, M. & Dunbar, I. (1983). The social behaviour of free-ranging suburban dogs. *Applied Animal Ethology* 10, 5-17.
- Boitani, L. (1983). Wolf and dog competition in Italy. *Acta Zoologica Fennica* 174, 259-264.
- Boitani, L. & Ciucci, P. (1995). Comparative social ecology of feral dogs and wolves. *Ethology Ecology and Evolution* 7, 49-72.
- Boitani, L., Francisci, F., Ciucci, P. & Andreoli, G. (1995). Population biology and ecology of feral dogs in central Italy. In (J. Serpell, Ed) *The Domestic Dog: Its Evolution, Behaviour and Interactions With People*. Cambridge: Cambridge University Press, pp. 217-244.
- Boyd, D. K., Pletscher, D. H. & Brewster, W. G. (1993). Evidence of wolves, *Canis lupus*, burying dead wolf pups. *Canadian Field-Naturalist* 107, 230-231.
- Brisbin, I. L., Jr., Coppinger, R. P., Feinstein, M. H., Austad, S. & Mayer, J. J. (1989). The New Guinea singing dog: taxonomy, captive studies and conservation priorities. *Science in New Guinea* 20, 27-38.
- Corbett, L. K. (1988). Social dynamics of a captive dingo pack: Population regulation by dominant female infanticide. *Ethology* 78, 177-198.
- Corbett, L. (1995). *The Dingo in Australia and Asia*. New York: Cornell University Press.
- Corbett, L. & Newsome, A. (1975). Dingo society and its maintenance: a preliminary analysis. In (M. W. Fox, Ed) *The Wild Canids: Their Systematics, Behavioral Ecology and Evolution*. Malabar, FL: Krieger Publishing Co., pp. 369-379.
- Coren, S. (1994). *The Intelligence of Dogs: Canine Consciousness and Capabilities*. New York: The Free Press.
- Daniels, T. J. (1983). The social organization of free-ranging urban dogs. I. Non-estrous social behavior. *Applied Animal Ethology* 10, 341-363.

Bibliography of dogs & wolves

- Daniels, T. J. (1983). The social organization of free-ranging urban dogs. II. Estrous groups and the mating system. *Applied Animal Ethology* **10**, 365-373.
- Dietz, J. M. (1984). Ecology and social organization of the Maned Wolf (*Chrysocyon brachyurus*). *Smithsonian Contributions to Zoology* **392**, 1-51.
- Feddersen-Petersen, D. (1994). Comparative studies of behavioural development of wolves (*Canis lupus* L.) and domestic dogs (*Canis lupus f. fam.*): Domestication traits and selective breeding. *Tierarztliche Umschau* **49**, 527.
- Fentress, J. C. (1967). Observations on the behavioral development of a hand reared male timber wolf. *American Zoologist* **7**, 339-351.
- Fox, M. W. (1970). A comparative study of the development of facial expressions in canids; wolf, coyote and foxes. *Behavior (Leiden)* **36**, 49-73.
- Fox, M. W. (1987). *Behaviour of Wolves, Dogs and Related Canids*. Malabar, FL: Krieger Publishing Co. [reprint].
- Fox, M., Beck, A. M. & Blackman, E.. (1975). Behavior and ecology of a small group of urban dogs (*Canis familiaris*). *Applied Animal Ethology* **1**, 119-137.
- Frank, H. & Frank, M. G. (1982). Comparison of problem-solving performance in six-week-old wolves and dogs. *Animal Behavior* **30**, 95-98.
- Frank, H. & Frank, M. G. (1983). Inhibition training in wolves and dogs. *Behavioural Processes* **8**, 363-377.
- Frank, H. & Frank, M. G. (1984). Information processing in wolves and dogs. *Acta Zoologica Fennica* **171**, 225-228.
- Frank, H. & Frank, M. G. (1985). Comparative manipulation-test performance in ten-week-old wolves *Canis lupus* and Alaskan malamutes *Canis familiaris*: a Piagetian interpretation. *Journal of Comparative Psychology* **99**, 266-274.
- Frank, H., Frank, M. G., Hasselbach, L. M. & Littleton, D. M. (1989). Motivation and insight in wolf (*Canis lupus*) and Alaskan malamute (*Canis familiaris*) visual discrimination learning. *Bulletin of the Psychonomic Society* **27**, 455-458.
- Fritts, S. H. & Paul, W. J. (1989). Interactions of wolves and dogs in Minnesota. *Wildlife Society Bulletin* **17**, 121-123.
- Fritts, S. H. & Paul, W. J. (1993). Interactions of wolves and dogs in Minnesota. *International Wolf* **3**, 26-27.
- Gittleman, J. L. (1989). *Carnivore Behavior, Ecology, and Evolution*. Ithaca, NY: Comstock Publishing Association, Cornell University Press.
- Gollan, K. (1984). The Australian dingo: in the shadow of man. In (M. Archer & Clayton, Eds) *Vertebrate Zoogeography and Evolution in Australasia*. Carlisle, Australia: Hesperian Press, pp. 921-927.
- Goodwin, D., Bradshaw, J. W. S. & Wickett, S. M. (1997). Paedomorphosis affects agonistic visual signals of domestic dogs. *Animal Behavior* **53**, 297-304.
- Kleiman, D. (1967). Some aspects of social behaviour in the Canidae. *American Zoologist* **7**, 365-372.
- Laikre, L. & Ryman, N. (1991). Inbreeding depression in a captive wolf (*Canis lupus*) population. *Conservation Biology* **5**, 33-40.
- Langguth, A. (1975). Ecology and evolution in the South American canids. In (M. W. Fox, Ed) *The Wild Canids: Their Systematics, Behavioral Ecology and Evolution*. Malabar, FL: Krieger Publishing Co., pp. 192-206.
- Macdonald, D. W., Sillero-Zubiri, C. & Tattersall, F. H. (1995). Habitat selection and daily activity of giant mole rats *Tachyoryctes macrocephalus*, significance to the Ethiopian wolf *Canis simensis* in the Afroalpine ecosystem. *Biological Conservation* **72**, 77-84.
- Nesbitt, W. H. (1975). Ecology of a feral dog pack on a wildlife refuge. In (M. W. Fox, Ed) *The Wild Canids: Their Systematics, Behavioral Ecology and Evolution*. Malabar, FL: Krieger Publishing Co., pp. 391-395.
- Peters, R. (1978). Communication, cognitive mapping, and strategy in wolves and hominids. In (R. Hall & H. S. Sharp, Eds) *Wolf and Man: Evolution in Parallel*. New York: Academic Press, pp. 95-108.
- Peterson, R. O., Page, R. E. & Dodge, K. M. (1984). Wolves, moose, and the allometry of population cycles. *Science* **224**, 1350.
- Robertshaw, J. D. & Harden, R. H. (1985). The ecology of the dingo in north-eastern New South Wales. II. Diet. *Australian Wildlife Research* **12**, 39-50.
- Rubin, H. D. & Beck, A. M. (1982). Ecological behavior of free-ranging urban dogs. *Applied Animal Ethology* **8**, 161-168.
- Schenkel, R. (1967). Submission: its features and functions in the wolf and dog. *American Zoologist* **7**, 319-331.
- Scott, J. P. (1950). The social behavior of dogs and wolves: an illustration of sociobiological systematics. *Annals of the New York Academy of Science* **51**, 1009-1021.
- Scott, M. D. & Causey, K. (1973). Ecology of feral dogs in Alabama. *Journal Wildlife Management* **37**, 253-265.
- Scott, J. P. & Fuller, J. L. (1965). *Genetics and the Social Behavior of the Dog*. Chicago: University of Chicago Press.
- Servin, J. (1991). Some aspects of the social behaviour of the Mexican wolf (*Canis lupus baileyi*) in captivity. *Acta Zoologica Mexicana Nueva Serie* **45**, 1-28.
- Sperry, C. C. (1939). Food habits of peg-leg coyotes. *Journal of Mammalogy* **20**, 190-194.
- Whitehouse, S. J. O. (1977). The diet of the dingo in Western Australia. *Australian Wildlife Research* **4**, 145-150.

Biochemical identification studies

- Aguirre, G.D., Ray, K. & Acland, G. M. (1999). Overview of the International Workshop on Canine Genetics. *Journal of Heredity* **90**, 1-2.
- Asa, C. S., Mech, L. D., Seal, U. S. & Plotka, E. D. (1990). The influence of social and endocrine factors on urine-marking by captive wolves (*Canis lupus*). *Hormones and Behavior* **24**, 497-509.
- Braend, M. (1988). Polymorphism of a serum protease inhibitor system in Alaskan wolves. *Hereditas* **108**, 269-270.
- Brownlow, C. A. (1996). Molecular taxonomy and the conservation of the red wolf and other endangered carnivores. *Conservation Biology* **10**, 390-396.
- Burbidge, M. J. (1998). *Polyphyletic origins of extinct and extant domestic dogs*. Masters Thesis, University of Victoria, British Columbia.
- Chiarelli, A. B. (1975). The chromosomes of the Canidae. In (M. W. Fox, Ed) *The Wild Canids: Their Systematics,*

- Behavioral Ecology and Evolution*. Malabar, FL: Krieger Publishing Co., pp. 40-53.
- Clark, P., Ryan, G. E., & Czuppon, A. B. (1975). Biochemical genetic markers in the family Canidae. *Australian Journal of Zoology* **23**, 411-417.
- Dresler, S. L., Runkel, D., Stenzel, P., Brimhall, B., & Jones, R. T. (1974). Multiplicity of the hemoglobin alpha-chain in dogs and variations among related species. *New York Academy Science Annals* **241**, 411-415.
- Ellegren, H., Savolainen, P. & Rosen, B. (1996). The genetical history of an isolated population of the endangered grey wolf *Canis lupus*: A study of nuclear and mitochondrial polymorphisms. *Philosophical Transactions of the Royal Society of London, B* **351**, 1661-1669.
- Elliot, D. & Wong, M. (1973). Catalase and hemoglobin in the Canidae studied by starch-gel electrophoresis. *Zoologischer Anzeiger* **191**, 178-181.
- Elliot, O. & Wong, M. (1972). Acid phosphatase: handy enzyme that separates the dog from the wolf. *Acta Biologica et Medica Germanica* **28**, 957-962.
- Fisher, R. A., Putt, W. & Hackel, E. (1976). An investigation of the products of 53 gene loci in three species of wild canidae: *C. lupus*, *C. latrans* and *C. familiaris*. *Biochemistry & Genetics* **14**, 963-974.
- Garcia-Moreno, J., Matocq, M. D., Roy, M. S., Geffen, E. & Wayne, R. K. (1996). Relationships and genetic purity of the endangered Mexican wolf based on analysis of microsatellite loci. *Conservation Biology* **10**, 376-389.
- Girman, D. J., Kat, P. W., Mills, M. G. L., Ginsberg, J. R., Borner, M., Wilson, V., Fanshawe, J. H., Fitzgibbon, C., Lau, L. M. & Wayne, R. K. (1993). Molecular genetic and morphological analyses of the African wild dog (*Lycaon pictus*). *Journal of Heredity* **84**, 450-459.
- Gotelli, D., Sillero-Zubiri, C., Applebaum, G. D., Roy, M. S., Girman, D. J., Garcia-Moreno, J., Ostrand, E. A. & Wayne, R. K. (1994). Molecular genetics of the most endangered canid: The Ethiopian wolf *Canis simensis*. *Molecular Ecology* **3**, 301-312.
- Hillis, D. M. (1987). Molecular versus morphological approaches to systematics. *Annual Review of Ecology and Systematics* **18**, 23-42.
- Hong, L. & Li-Ming, S. (1996). The mitochondrial DNA evolution of four species of Canidae. *Acta Theriologica Sinica* **42**, 87-95 [Chinese, English summary].
- Hungerford, D. A. & Snyder, R. L. (1966). Chromosomes of a European wolf (*Canis lupus*) and of a bactrian camel (*Camelus bactrianus*). *Mammalian Chromosome Newsletter* **20**, 72.
- Johnson, M. R., Boyd, D. K. & Pletscher, D. H. (1994). Serologic investigations of canine parvovirus and canine distemper in relation to wolf (*Canis lupus*) pup mortalities. *Journal of Wildlife Diseases* **30**, 270-273.
- Laikre, L., Ryman, N. & Thompson, E. A. (1993). Hereditary blindness in a captive wolf (*Canis lupus*) population: Frequency reduction of a deleterious allele in relation to gene conservation. *Conservation Biology* **7**, 592-601.
- Laikre, L., Tegelstrom, H. & Gelter, H. P. (1992). DNA fingerprinting of captive wolves (*Canis lupus*). *Hereditas* **117**, 293-296.
- Lehman, N., Clarkson, P., Mech, L. D., Meier, T. J. & Wayne, R. K. (1992). A study of the genetic relationships within and among wolf packs using DNA fingerprinting and mitochondrial DNA. *Behavioral Ecology and Sociobiology* **30**, 83-94.
- Lorenzini, R. & Fico, R. (1995). A genetic investigation of enzyme polymorphisms shared by wolf and dog: suggestions for conservation of the wolf in Italy. *Acta Theriologica* **40** (Suppl. 3), 101-110.
- Mercure, A., Rails, K., Koepfli, K. P. & Wayne, R. K. (1993). Genetic subdivision among small canids: mitochondrial DNA differentiation of swift, kit, and arctic foxes. *Evolution* **47**, 1313-1328.
- Meyer, W. & Tsukise, A. (1995). Lectin histochemistry of snout skin and foot pads in the wolf and the domesticated dog (Mammalia: Canidae). *Annals of Anatomy* **177**, 39-49.
- Okumura, N., Ishiguro, N., Nakano, M., Matsui, A. & Sahara, M. (1996). Intra- and interbreed genetic variation of mitochondrial DNA major non-coding regions in Japanese native dog breeds (*Canis familiaris*). *Animal Genetics* **27**, 397-405.
- Randi, E., Lucchini, V. & Francisci, F. (1993). Allozyme variability in the Italian wolf (*Canis lupus*) population. *Heredity* **7**, 516-522.
- Randi, E., Francisci, F. & Lucchini, V. (1995). Mitochondrial DNA restriction-fragment-length monomorphism in the Italian wolf (*Canis lupus*) population. *Journal of Zoological Systematics and Evolutionary Research* **33**, 97-100.
- Richards, M., Smalley, K., Sykes, B. & Hedges, R. (1993). Archaeology and genetics: analyzing DNA from skeletal remains. *World Archaeology* **25**, 18-28.
- Richards, M. B., Sykes, B. C. & Hedges, R. E. M. (1995). Authenticating DNA extracted from ancient skeletal remains. *Journal of Archaeological Science* **22**, 291-299.
- Roy, M. S., Geffen, E., Smith, D. & Wayne, R. K. (1996). Molecular genetics of pre-1940 red wolves. *Conservation Biology* **10**, 1413-1424.
- Roy, M. S., Girman, D. J., Taylor, A. C. & Wayne, R. K. (1994). The use of museum specimens to reconstruct the genetic variability and relationships of extinct populations. *Experientia* **50**, 551-557.
- Seal, U. S. (1987). Molecular approaches to taxonomic problems in the Canidae. In (M. W. Fox, Ed) *The Wild Canids: Their Systematics, Behavioral Ecology and Evolution*. Malabar, FL: Krieger Publishing Co., pp. 27-39.
- Simonsen, V. (1976). Electrophoretic studies on the blood proteins of domestic dogs and other Canidae. *Hereditas* **82**, 7-18.
- Tanabe, Y., Ota, K., Ito, S., Hashimoto, Y., Sung, Y. Y., Ryu, R. J. & Faruque, M. O. (1991). Biochemical-genetic relationships among Asian and European dogs and the ancestry of the Japanese native dog. *Journal of Animal Breeding and Genetics* **108**, 455-478.
- Templeton, J. W. (1990). Canine DNA fingerprinting: Can it identify breeds? *Journal of the American Veterinary Medical Association* **196**, 1357, 1359, 1365.
- Thomas, P. A. (1994). Dosimetry of ²¹⁰Po in humans, caribou, and wolves in northern Canada. *Health Physics* **66**, 678-690.
- Todd, N. B. (1970). Karyotypic fissioning and canid phylogeny. *Journal of Theoretical Biology* **26**, 445-480.
- Tsuda, K., Kikkawa, Y., Yonekawa, H. & Tanabe, Y. (1997). Extensive interbreeding occurred among multiple matriarchal ancestors during the domestication of dogs: evidence from inter- and intraspecies polymorphisms in the D-loop region of mitochondrial DNA between dogs and wolves. *Genes and Genetic Systems* **72**, 229-238.
- Vilà, C., Savolainen, P., Maldonado, J. E., Amorim, I. R., Rice, J. E., Honeycutt, R. L., Crandall, K. A., Lundeberg, J. &

Bibliography of dogs & wolves

- Wayne, R. K. (1997). Multiple and ancient origins of the domestic dog. *Science* **276**, 1687-89.
- Vilà, C., Maldonado, J. E. & Wayne, R. K. (1999). Phylogenetic relationships, evolution, and genetic diversity of the domestic dog. *Journal of Heredity* **90**, 71-77.
- Wayne, R. K. (1992). On the use of morphologic and molecular genetic characters to investigate species status. *Conservation Biology* **6**, 590-592.
- Wayne, R. K., Gilbert, D. A., Lehman, N., Hansen, K., Eisenhower, A., Girman, D., Mech, L. D., Gogan, P. J. P., Seal, U. S. & Krumenaker, R. J. (1991). Conservation genetics of the endangered Isle Royale gray wolf. *Conservation Biology* **5**, 41-51.
- Wayne, R. K., Lehman, N., Allard, M. W. & Honeycutt, R. L. (1992). Mitochondrial DNA variability of the gray wolf: Genetic consequences of population decline and habitat fragmentation. *Conservation Biology* **6**, 559-569.
- Wayne, R. K., Meyer, A., Lehman, N., Van Valdenburgh, B., Kat, P. W., Fuller T. K., Girman, D. & O'Brien, S. J. (1990). Large sequence divergence among mitochondrial DNA genotypes within populations of eastern African black-backed jackals. *Proceedings of the National Academy of Science* **87**, 1772-1776.
- Wayne, R. K., Nash, W. G. & O'Brien, S. J. (1987). Chromosomal evolution of the Canidae. I. Species with high diploid numbers. *Cytogenetics and Cell Genetics* **44**, 134-41.
- Wayne, R. K. & O'Brien, S. J. (1987). Allozyme divergence within the Canidae. *Systematic Zoology* **36**, 339-55.
- Wilton, A. N., Steward, D. J. & Zafiris, K. (1999). Microsatellite variation in the Australian dingo. *Journal of Heredity* **90**, 108-111.
- Wurster-Hill, D. H., Ward, O. G., Davis, B. H., Park, J. P., Moysis, R. K. & Meyne, J. (1988). Fragile sites, telomeric DNA sequences, B chromosomes, and DNA content in raccoon dogs, *Nyctereutes procyonoides*, with comparative notes on foxes, coyotes, wolf, and raccoon. *Cytogenetics and Cell Genetics* **49**, 278-281.
- Zajc, I. & Sampson, J. (1999). Utility of canine microsatellites in revealing the relationships of pure bred dogs. *Journal of Heredity* **90**, 104-107.

Wild canids

- Anderson, R. M. (1943). Summary of the large wolves of Canada, with description of three new Arctic races. *Journal of Mammalogy* **24**, 386-393.
- Anonymous. (1993). Identity of canine shot in Yellowstone still a puzzle. *International Wolf* **3**, 24.
- Aylsworth, L. (1997). International wolf center bibliography of wolf resources. On the Internet: <http://www.wolf.org/bib/index.html>
- Bailey, V. (1940). The home life of the big wolves. *Natural History* **46**, 120-122.
- Barker, B. C. W. & A. Macintosh. (1979). The Dingo - a review. *Oceania* **14**, 27-53.
- Bauer, E. A. (1994). *Wild Dogs: The Wolves, Coyotes, and Foxes of North America*. San Francisco: Chronicle Books.
- Bekoff, M. (1977). *Canis latrans*. *Mammalian Species* **79**.
- Bekoff, M. (1978). *Coyotes: Biology, Behavior, and Management*. New York: Academic Press.
- Bergerud, A. T. (1988). Caribou, wolves and man. *Trends in Ecology and Evolution* **3**, 68-72.
- Berta, A. (1987). Origins, diversification, and zoogeography of the South American Canidae. In (B. D. Patterson & R. M. Timm, Eds) *Studies in Neotropical Mammalogy: Essays in Honor of Philip Hershkovitz*, *Fieldiana Zoology New Series* **39**, 455-471.
- Berta, A. (1988). *Quaternary evolution and biogeography of the large South American Canidae (Mammalia: Carnivora)*. University of California Geological Sciences **132**.
- Bharos, A. M. K. (1996). Occurrence of the wolf, *Canis lupus* Linnaeus, in Rewa District, M.P. *Journal of the Bombay Natural History Society* **93**, 81.
- Bibikov, D. I. (1980). Wolves in the USSR. *Natural History* **89**, 58-63.
- Billings, E. (1856). The natural history of the wolf (*Canis lupus*), and its varieties. *The Canadian Naturalist and Geologist* **1**, 209-215.
- Bogan, M. A. & P. Mehlop. (1983). Systematic relationships of gray wolves (*Canis lupus*) in southwestern North America. *Occasional Papers of the Museum of Southwest Biology* **1**, 1-21.
- Bueler, L. E. (1973). *Wild Dogs of the World*. Briarcliff Manor, NY: Stein & Day and Publishers, Scarborough House.
- Cabrera, A. (1931). On some South American canine genera. *Journal of Mammalogy* **12**, 54-67.
- Carbyn, L. N., Fritts, S. H. & Seip, D. R. (1995). *Ecology and Conservation of Wolves in a Changing World*. Edmonton: Canadian Circumpolar Institute Occasional Publication **35**.
- Coues, E. (1873). The prairie wolf or coyote, *Canis latrans*. *American Naturalist* **7**, 384-389.
- DeBlieu, J. (1992). Could the red wolf be a mutt? *New York Times Magazine* 14 June, 30-36.
- Dixon, J. S. (1916). The timber wolf in California. *California Fish and Game* **2**, 125-129.
- Elder, W. H. & Hayden, C. M. (1977). Use of discriminant function in taxonomic determination of canids from Missouri. *Journal of Mammalogy* **58**, 17-24.
- Fiennes, R. (1976). *The Order of Wolves*. Indianapolis & New York: Bobbs-Merrill.
- Flower, W. H. (1880). On the bush dog (*Icticyon venaticus*, Lund). *Proceedings of the Zoological Society of London* 1880, 70-76.
- Fox, M. W. (1975, 1983). *The Wild Canids: Their Systematics, Behavioral Ecology and Evolution*. Malabar, FL: Krieger Publishing Co.
- Fox, M. W. (1984). *The Whistling Hunters: Field Studies of the Asiatic Wild Dog (Cuon alpinus)*. Albany: State University of New York Press.
- Friis, L. K. (1985). *An investigation of subspecies relationships of the grey wolf, Canis lupus*, in British Columbia. Masters Thesis. University of Victoria, British Columbia.
- Gipson, P. S. (1978). Coyotes and related *Canis* in the southeastern United States with a comment on Mexican and Central American *Canis*. In (Marc Bekoff, Ed) *Coyotes: Biology, Behavior, and Management*, New York: Academic Press, pp.191-209.

- Gipson, P. S., Sealander, J. A. & Dunn, J. E. (1974). The taxonomic status of wild *Canis* in Arkansas. *Systematic Zoology* 23, 1-11.
- Goldman, E. A. (1937). The wolves of North America. *Journal of Mammalogy* 18, 37-45.
- Gray, R. (1970). *Gray Wolf: The Natural Life of North American Wolves*. New York: W. W. Norton & Co.
- Harrington, F. H. & Paquet, P. C. (1982). *Wolves of the World: Perspectives of Behavior, Ecology, and Conservation*. Park Ridge, NJ: Noyes Publications.
- Hershkovitz, P. (1957). A synopsis of the wild dogs of Colombia. *Novedades Colombianas Contribuciones Científicas del Museo de Historia Natural de la Universidad del Cauca* 3, 157-161.
- Hershkovitz, P. (1961). On the South American small-eared zoro *Atelocynus microtis* Scaler (Canidae). *Fieldiana Zoology* 39, 505-523.
- Hilton, H. (1978). Systematics and ecology of the eastern coyotes. In (M. Bekoff, Ed) *Coyotes: Biology, Behavior and Management*. New York: Academic Press, pp. 209-228.
- ITIS (Integrated Taxonomic Information System). (1998). Integrated Taxonomic Information System. On the Internet: <http://www.itis.usda.gov/itis/>
- Klinghammer, E., Sloan, M. & Klein, D. (1990). *Wolf Literature References*. Battle Ground, IN: Institute of Ethology, North American Wildlife Park Foundation, Inc.
- Knee, M. (1995). Wolves: a bibliography and guide to the literature (1968-1987). On the Internet: <http://www.albany.edu/~knee/wolf.html>
- Knight, J. (1997). On the extinction of the Japanese wolf. *Asian Folklore Studies* 56, 129-159.
- Luomala, K. (1960). The native dog in the Polynesian system of values. In (S. Diamond, Ed) *Essays in Honor of Paul Radin*. New York: Columbia University Press, pp. 190-240.
- McCarley, H. (1962). The taxonomic status of wild *Canis* (Canidae) in the south central United States. *Southwestern Naturalist* 7, 227-235.
- Mader, T. R. (1988). *Wolf Reintroduction in the Yellowstone National Park: A Historical Perspective*. Gillette, WY: Common Man Institute.
- Mech, L. D. (1966). *The Wolves of Isle Royale*. Fauna of the National Parks of the United States 7.
- Mech, L. D. (1970). *The Wolf*. Garden City, NY: Natural History Press.
- Mech, L. D. (1974). *Canis lupus*. *Mammalian Species* 37.
- Mech, L. D. (1981). *The Wolf: The Ecology and Behavior of an Endangered Species*. Minneapolis: University of Minnesota Press [reprint].
- Mivart, St. G. (1890). *Dogs, Jackals, Wolves and Foxes: Monograph of the Canidae*. London.
- Murie, A. (1940). *Ecology of the coyote in the Yellowstone*. Fauna of the National Parks of the United States 4.
- Murie, Adolph. (1944). *The wolves of Mount McKinley*. Fauna of the National Parks of the United States 5.
- Murie, A. (1985). *The Wolves of Mount McKinley*. Seattle: University of Washington Press [reprint].
- Nowak, R. M. (1967). The red wolf in Louisiana. *Defenders of Wildlife News* 42, 60-70.
- Nowak, R. M. (1972). The mysterious wolf of the South. *Natural History* 81, 50-53, 74-77.
- Nowak, R. M. (1974). Red wolf: our most endangered mammal. *National Parks and Conservation Magazine* 48, 9-12.
- Nowak, R. M. (1978). Evolution and taxonomy of coyotes and related *Canis*. In (M. Bekoff, Ed) *Coyotes: Biology, Behavior and Management*. New York: Academic Press, pp. 3-16.
- Nowak, R. M. (1983). A perspective on taxonomy of wolves in North America. *Canadian Wildlife Service Report Series* 45, 10-19.
- Nowak, R. M. (1991). Dogs, wolves, coyotes, and jackals. In *Walker's Mammals of the World, Fifth edition, Volume II*. Baltimore: John Hopkins University Press, pp. 1065-1080.
- Nowak, R. M. (1992). The red wolf is not a hybrid. *Conservation Biology* 6, 593-595.
- Obee, B. (1994). *Wolf: Wild Hunter of North America*. Stamford, CT: Longmeadow Press.
- Osgood, W. H. (1934). The genera and subgenera of South American canids. *Journal of Mammalogy* 15, 45-50.
- Paradiso, J. L. (1967). Recent records of coyotes, *Canis latrans*, from the southeastern United States. *Southwestern Naturalist* 11, 500-501.
- Paradiso, J. L. (1968). Canids recently collected in East Texas, with comments on the taxonomy of the red wolf. *American Midland Naturalist* 80, 529-534.
- Paradiso, J. L. (1971). A report on the taxonomic status and distribution of the red wolf. *United States Fish and Wildlife Service Wildlife* 145, 1-36.
- Paradiso, J. L. (1973). New data on the red wolf in Alabama. *Journal of Mammalogy* 54, 506-509.
- Paradiso, J. L. & Nowak, R. M. (1971). A report on the taxonomic status and distribution of the red wolf. *United States Department of the Interior Special Scientific Report on Wildlife* 145, 1-36.
- Paradiso, J. L. & Nowak, R. M. (1972). *Canis rufus*. *Mammalian Species* 22.
- Perzanowski, K. (1995). The wolf: its ecology and interactions with other species. *Honyurui Kagaku* 35, 29-33. [Japanese].
- Peterson, R. O. (1977). *Wolf Ecology and Prey Relationships on Isle Royale*. National Park Service Scientific Monograph Series 11.
- Peterson, R. O. (1995). *The Wolves of Isle Royale*. Minocqua, WI: Willow Creek Press.
- Peterson, R. O. & Allen, D. L. (1976). *Ecological Studies of the Wolf on Isle Royale, 18th Annual Report on Isle Royale Studies*. Washington, DC: Government Printing Office.
- Peterson, R. O. & Page, R. E. (1988). The rise and fall of Isle Royale wolves, 1975-1986. *Journal of Mammalogy* 69, 89-99.
- Pimlott, D. H. & Joslin, P. W. (1968). The status and distribution of the red wolf. *Transactions of the North American Wildlife Natural Research Conference* 33, 373-388.
- Potvin, F., Jolicoeur, H. & Huot, J. (1988). Wolf diet and prey selectivity during two periods for deer in Quebec: decline versus expansion. *Canadian Journal of Zoology* 66, 1274-1279.
- Pulliainen, E. (1965). Studies of the wolf (*Canis lupus* L.) in Finland. *Annales Zoologici Fennici* 2, 215-259.
- Russel, D. & Shaw, J. H. (1972). Distribution and relative density of the red wolf in Texas. *Proceedings of the Annual Conference of the Southeastern Association of Game and Fish Commissions* 25, 131-137.
- Saito, H. (1964). *Japanese Dogs and Wolves*. Tokyo: SekkaSha. [Japanese].
- Schmitz, O. J. & Kolenosky, G. B. (1985). Wolves and coyotes in Ontario: morphological relationships and origins. *Canadian Journal of Zoology* 63, 1130-1137.

- Searching Wolf. (1998a). Recent wolf technical journal articles: 1988 to present. On the Internet: <http://www.iup.edu/~wolf/wtchart.htmlx>
- Searching Wolf. (1998b). Recent magazine articles. On the Internet: <http://www.iup.edu/~wolf/wpopart.htmlx>
- Searching Wolf. (1998c). A bibliography of European wolf literature. On the Internet: <http://www.iup.edu/~wolf/>
- Shigerhara, N., Matsura, S., Nakamura, T. & Kondo, M. (1993). First discovery of the ancient dingo-type dog in Polynesia (Pukapuka, Cook Islands). *International Journal of Osteoarchaeology* 3, 315-320.
- Smithsonian Institute. (1993). Selected references on wolves. On the Internet: <http://www.si.edu/resource/faq/nmnh/wolves.htm>
- Snyder, L. M. (1988). A controlled feeding study involving gray wolf (*Canis lupus*) and whitetailed deer (*Odocoileus virginianus*). *University of Tennessee Anthropological Association Newsletter* 13, 1-9.
- Sullivan, J. O. (1978). Variability in the wolf, a group hunter. In (R. Hall & H. S. Sharp, Eds) *Wolf and Man: Evolution in Parallel*. New York: Academic Press, pp. 31-40.
- Stains, H. J. (1975). Distribution and taxonomy of the Canidae. In (M. W. Fox, Ed) *The Wild Canids: Their Systematics, Behavioral Ecology and Evolution*. Malabar, FL: Krieger Publishing Co., pp. 3-26.
- Steinhart, P. (1995). *The Company of Wolves*. New York: Vintage Books.
- Stromberg, M. R. & Boyce, M. S. (1986). Systematics and conservation of the swift fox, *Vulpes velox*, in North America. *Biological Conservation* 35, 97-110.
- University of Wyoming. (1997). Wolf reintroduction: A selected bibliography. On the Internet: <http://www.uwyo.edu.lib/wolf.htm>
- Waithman, J. & Roest, A. (1977). A taxonomic study of the kit fox, *Vulpes macrotis*. *Journal of Mammalogy* 58, 157-164.
- Wayne, R. K. & Gittleman, J. L. (1995). The problematic red wolf. *Scientific American* 273, 36-39.
- Wilson, D. E. & Reeder, D. M. (1993). *Mammal Species of the World: A Taxonomic and Geographic Reference*, 2nd ed. Washington, DC: Smithsonian Institution Press. Also on the Internet: <http://nmnhwww.si.edu/msw/>
- Woodhouse, S. W. (1852). The North American jackal - *Canis frustror*. *Journal Academy Natural Science* 2, 87-88.
- Wright, N. P. (1970). *A Guide to Mexican Mammals and Reptiles*. Mexico City: Minutiae Mexicana.
- Young, S. P. & Jackson, H. H. T. (1951). *The Clever Coyote*. Washington, DC: The Stackpole Co., & Harrisburg: The Wildlife Management Institute.
- Young, S. P. & Goldman, E. A. (1964). *The Wolves of North America*. New York: Dover Publication.