

Literaturverzeichnis

Amann RP (1970). Sperm production in rates. In: The Testis (Hrsg.: Johnson WR, Gromes WR, Vademark NL), 433. Academic Press, New York.

Anon. (2001)*. China hoping high technology will save giant panda from extinction. Internet: <http://www.canoe.ca> am 14.08.2001.

Alt G (1982). Reproductive biology of Pennsylvania black bear. Game News PA Feb: 9-15.

Anel L, Martinez F, Alvarez M, Anel E, Boixo J, Kaabi M, Paz P, Chamorro C, Herraez P (1999). Post-mortem spermatozoa recovery and freezing in a Cantabrian brown bear (*Ursus arctos*): A preliminary report. Theriogenology 51[1]: 277.

Anel L, Martinez-Pastor F, Anel E, Alvarez M, Martinez F, Borragan S, Celada M, Boixo J, Herraez P, Paz P (2002). Evaluation of urospermia in European brown bear (*Ursus arctos*) electroejaculation. Proc.2nd Internat.Symp.ART for Cons.&Gen.Manag.Wildlife: 261-263.

Araki H, Tsubota T, Maeda N, Harada N, Kominami S, Mason JI, Kita I (1996). Intraovarian immunolocalization of steroidogenic enzymes in a Hokkaido brown bear, *Ursus arctos yesoensis* during the mating season. J.Vet.Med.Sci. 58: 787-790.

Asa CS, Porton I (2001). Contraception. In: Encyclopedia of the World's Zoos (Hrsg.: Bell CE), 307-310. Fitzroy Dearborn Publishers, Chicago, London.

Aune KE, Mace RD, Carney DW (1994). The reproductive biology of female Grizzly bears in the Northern Continental Divide ecosystem with supplemental data from the Yellowstone ecosystem. Bears: Their Biology and Management 9: 451-458.

Aurich JE, Andresen P, Ahlers D (1996). Fortpflanzungsstörungen. In: Buiatrik Band I (Hrsg.: Grunert E), 231. Verlag M.&H. Schaper, Hannover.

Baker BE, Harrington CR, Symes AL (1963). Polar bear milk I Gross composition and fat constitution. Can.J.Zool. 41: 1035-1039.

Baker RR, Bellis MA (1995). Human Sperm Competition: Copulation, Masturbation and Infidelity. Landes Bioscience, Austin, Texas USA.

Ballard WB, Miller SD, Spraker TH (1982). Home range, daily movements, and reproductive biology of brown bears in southcentral Alaska. Can.Field-Nat. 96: 1-5.

Barber KR, Lindzey FG (1986). Breeding behavior of Black bears. Bears: Their Biology and Management 6: 129-136.

Bercovitch FB (1989). Body Size, Sperm Competition, and Determinants of Reproductive Success in Male Savanna Baboons. Evolution 43: 1507-1521.

Bergmann SR, Carlson E, Dannen E, Sobel BE (1980). An improved assay with 4-(2-thiazolylazo)-resorcinol for non-esterified fatty acids in biological fluids. Clin.Chim.Acta 104: 53-63.

Bertram B, Gore MA (1985). Notes on the giant panda studbook 1985. Bongo 10: 13-20.

* Internetquellen liegen dem Autor als Ausdruck vor.

- Bies L (2000)*. *Ailuropoda melanoleuca*. Internet: The Animal Diversity Web
<http://www.umich.edu> am 21.05.2001
- Blix AS, Lentfer JW (1979). Modes of thermal protection in polar bear cubs - at birth and on emergence from the den. *Am.J.Physiol.* 236: R67-R74.
- Blottner S, Fasinski M, Pitra Ch (1989). Charakterisierung der in-vitro-Kapazitation motiler Bullenspermien durch die Hyamin-induzierte Akrosomenreaktion. *Arch.exper.Vet.med* 285-292.
- Bloxam QMC (1977). Breeding the spectacled bear *Tremarctos ornatus* at Jersey Zoo. *Int Zoo Yb* 17: 158-161.
- Bonney RC, Wood DJ, Kleiman DG (1982). Endocrine correlates of behavioural oestrus in the female giant panda (*Ailuropoda melaneleuca*) and associated hormonal changes in the male. *J.Reprod.Fertil.* 64: 209-215.
- Boone WR (1997). Giant Panda Workshop. Report: 1-4.
- Boone WR, Catlin JC, Casey KJ, Boone ET, Dye PS, Schuett RJ, Rosenberg JO, Tsubota T, Bahr JM (1998). Bears as induced ovulators - a preliminary study. *Ursus* 10: 503-505.
- Boone WR, Catlin JC, Casey KJ, Dye PS, Boone ET, Schuett RJ (1999). Live birth of a bear cub following nonsurgical embryo collection. *Theriogenology* 51: 519-529.
- Bostock SSC (1994). Bear ethics. Bears: Their Status, Conservation & Welfare in Captivity . The Federation of Zoological Gardens of Great Britain and Ireland, The Zoological Society of Glasgow and the West of Scotland, Glasgow Zoopark. Calderpark, Uddingston, Glasgow.
- Braat DD, Smeenk JM, Manger AP, Thomas CM, Veersema S, Merkus JM (1998). Saliva test as ovulation predictor. *Lancet* 352: 1283-1284.
- Brand DJ (1963). Records of mammals bred in the National Zoological Gardens of South Africa during the period 1908 to 1960. *J.Zool.* 140: 617-659.
- Braunitzer G, Hofmann O (1987). Hemoglobins of pandas. *C.R.Seances Soc.Biol.Fil.* 181: 116-121.
- Bromlej GF (1956). Himalayan bear (*Selenarctos tibetanus ussuricus* Heude,1901). *Zool.Zhurn.* 35: 111-129.
- Burt WH (1960). Bacula of North American mammals. *Misc Publ Mus Zool Univ MI* 113: 5-70.
- Burt WH, Grossenheider RP (1964). A field guide to the mammals. Houghton Mifflin, Boston.
- Bush M, Wildt DE, Kennedy S, Seager SW (1978). Laparoscopy in zoological medicine. *J.Am.Vet.Med.Assoc.* 173: 1081-1087.
- Case RL, Buckland L (1998). Reproductive characteristics of Grizzly bears in the Kugluktuk area, Northwestern Territories, Canada. *Ursus* 10: 41-47.

* Internetquellen liegen dem Autor als Ausdruck vor.

Chaudhuri M, Kleiman DG, Wildt DE, Bush M, Frank ES, Thau RB (1988). Urinary steroid concentrations during natural and gonadotrophin-induced oestrus and pregnancy in the giant panda (*Ailuropoda melanoleuca*). J.Reprod.Fertil. 84: 23-28.

Chen DY, Song XF, Duan CW, Li MW, Sun QY, Liu H, Zhang AJ, Ye ZY, Li SC, Li GH, Yu JQ, Zhang FX, Feng WH, Zhong SL, He GX, Song YF, Fei LS (1997). Applying bases for "double control" artificial breeding of giant panda in captivity. Chinese Sci.Bulletin 42: 775-779.

Chen DY, Song XF, Zhao XK, Duan CW, Ye ZY, He GX, Zhang AJ, Feng WH (1989). Study on in vitro sperm capacitation and egg-penetration of giant panda. Sci.China B 32: 435-441.

Chen DY, Sun QY, Liu JL, Li GP, Lian L, Wang MK, Han ZM, Song XF, Li JS, Sun Q, Chen YC, Zhang YP, Ding B (1999). The giant panda (*Ailurapoda melanoleuca*) somatic nucleus can dedifferentiate in rabbit ooplasm and support early development of the reconstructed egg. Science in China Series C-Life Science 42: 346-353.

Chen DY, Wen DC, Zhang YP, Sun QY, Han ZM, Liu ZH, Shi P, Li JS, Xiangyu JG, Lian L, Kou ZH, Wu YQ, Chen YC, Wang PY, Zhang HM (2002). Interspecies implantation and mitochondria fate of panda-rabbit cloned embryos. Biol.Reprod. 67: 637-642.

Chen DY, Ye ZY, Zhang ZY, Chang CY (1984). The fine-structure of the spermatozoa of the giant panda (*Ailuropoda melanoleuca*). Acta Zoologica Sinica 30: 301-&.

Chen M, Zhang GQ, Mainka SA (1994). Semen evaluation of giant pandas (*Ailuropoda melanoleuca*) at the Wolong Reserve. Zoo Biology 13: 83-86.

Chorn J, Hoffmann RS (1978). *Ailuropoda melanoleuca*. Mamm.Species 110: 1-6.

Clark TW, Stromberg MR (1987). Mammals in Wyoming. Univ KS Mus Nat Hist Public Ed Ser 10: 1-314.

Clutton-Brock TH (1991). The evolution of sex differences and the consequences of polygyny in mammals. In: The Development and Integration of Behaviour (Hrsg.: Bateson P), 229-253. Cambridge University Press, Cambridge.

Clutton-Brock TH, Harvey PH (1978). Mammals, resources and reproductive strategies. Nature 191-195.

Collins JM (1974). Some aspects of reproduction and age structures in the black bear in North Carolina. Proc.Ann.Conf.SE Assoc.Game Fish Comm. 27: 163-170.

Cory CB (1912). The mammals of Illinois and Wisconsin. Report 11: 1-505.

Cowan IM, Guiguet CJ (1956). The Mammals of British Columbia. BC Prov.Mus..

Craighead JJ, Hornocker MG, Craighead FC (1969). Reproductive biology of young grizzly bears. J.Reprod.Fertil.Suppl 6: 447-475.

Craighead L, Paetkau D, Reynolds HV, Vyse ER, Strobeck C (1995). Microsatellite analysis of paternity and reproduction in Arctic grizzly bears. J.Hered. 86: 255-261.

Crandall LS (1964). The Management of Wild Mammals in Captivity. Univ.Chicago, Chicago.

Crouzet Y, Frädriich H (1985). Bamboo as a panda diet. Bongo 10: 21-26.

- Curtis SK, Amann RP (1981). Testicular development and establishment of spermatogenesis in holstein bulls. *J.Anim.Sci.* 6: 1645-1657.
- Dahle B, Swenson JE (2003a). Factors influencing length of maternal care in brown bears (*Ursus arctos*) and its effect on offspring. *Behav Ecol Sociobiol* 54: 352-358.
- Dahle B, Swenson JE (2003b). Seasonal range size in relation to reproductive strategies in brown bears *Ursus arctos*. *J.Animal Ecol.* 72: 660-667.
- Dathe H (1961). Beobachtungen zur Fortpflanzungsbiologie des Braunbären, *Ursus arctos* L. *Zool.Garten N.F.* 25: 235-250.
- Dathe H (1963). Beitrag zur Fortpflanzungsbiologie des Malaienbären, *Helarctos m. malayanus* (Raffl.). *Z Säugetierkunde* 28: 155-162.
- Dathe H (1966). Einige Bemerkungen zur Zucht des Malaienbären, *Helarctos malayanus* (Raffl.). *Zool.Garten N.F.* 32: 193-198.
- Dathe H (1970). A second generation birth of captive sun bears *Helarctos malayanus* at East Berlin Zoo. *Int Zoo Yb* 10: 79.
- Dathe H (1993). In: Grzimeks Tierleben (Hrsg.: Klemmer K, Wermuth H, Hediger H), 19-23,112-117,142-143. DTV, München.
- Dathe H (1985). Zwischenbilanz der Malaienbärenzucht im Tiergarten Berlin. *Milu, Berlin* 28-36.
- Dathe M (1967). Bemerkungen zur Aufzucht von Brillenbären, *Tremarctos ornatus* (Cuv.), im Tierpark Berlin. *Zool.Garten N.F.* 34: 105-133.
- Dathe R (1995). Zwischenbilanz der Malaienbärenzucht im Tierpark Berlin. *Milu, Berlin* 6: 28-36.
- Dathe H, Kuckelkorn B (1989). Progesteronnachweis in Sekreten des Zwergflußpferdes (*Choeropsis liberiensis* Morton, 1844). *Zool.GartenN.F.* 59: 201-208.
- Davis DD (1964). The giant panda - A morphological study of evolutionary mechanisms. *Fieldiana:Zool.Mem.* 3: 1-339. Chicago Natural History Museum, Chicago.
- Dean G (1960). Birth of a polar bear cub at Auckland Zoo. *Int Zoo Yb* 2: 95.
- Dehnhard M, Hildebrandt TB, Knauf T, Ochs A, Ringleb J, Göritz F (2003). Reproductive monitoring in the giant panda (*Ailuropoda melanoleuca*) using urinary steroid metabolites and volatiles. *Chemial Signals in Vertebrates 10* (in press).
- DeMaster DP, Stirling I (1981). *Ursus maritimus*. *Mamm.Species* 145: 1-7.
- Derocher AE (2000). Die Bären - Ein Überblick über Verhalten und Ökologie. In: Die Bären (Hrsg.: Gansloßer U), 29-66. Filander-Verl., Fürth.
- Derocher AE, Stirling I (1995). Temporal variation in reproduction and body-mass of Polar bears in Western Hudson-Bay. *Can.J.Zool.* 73: 1657-1665.
- Dice LR (1921). Notes on the mammals of interior Alaska. *J.Mamm.* 2: 20-28.

Ding B, Shi P, Xiangyu JG, Zhang YP, Chen DY, Sun QY, Li GP, Wang MK, Liu YL, Kang L, Han ZM, Song XF, Li JS, Chen YC (2000). Microsatellite DNA analysis proves nucleus of interspecies reconstructed blastocyst coming from that of donor Giant panda. Chinese Sci.Bulletin 45: 1883-1885.

Dittrich L (1961). Zur Werfzeit des Eisbären (*Ursus maritimus*). Säugetierk.Mitt. 9: 2-15.

Dittrich L, v. Einsiedel L (1961). Bemerkungen zur Fortpflanzung und Jugendentwicklung des Braunbären (*Ursus arctos* L.) im Leipziger Zoo. Zool.Garten N.F. 25: 250-269.

Dittrich L, Kronberger H (1963). Biologisch-anatomische Untersuchungen über die Fortpflanzungsbiologie des Braunbären (*Ursus arctos* L.) und anderer Ursiden in Gefangenschaft. Z Säugetierkunde 28: 129-155.

Döcke F (1994). Keimdrüsen. In: Veterinärmedizinische Endokrinologie (Hrsg.: Döcke F), 399-508. Gustav Fischer Verlag, Berlin.

Domico T (1988). Bears of the world. Anon., 91-105. Facts on File, New York.

Du Boulay GH, Wilson OL (1988). Diagnosis of pregnancy and disease by ultrasound in exotic species. Symp.Zool.Soc.Lond. 60: 135-150.

Dunbar MR, Cunningham MW, Wooding JB, Randy PR (1996). Cryptorchidism and Delayed Testicular Descent in Florida Black Bears. J.Wildl.Dis. 4: 661-664.

Dunbar-Brander AA (1931). Wild animals in Central India. Edward Arnold, London.

Dunkel E (2003). Verhaltensbeobachtungen am Panda-Weibchen Yan Yan (*Ailuropoda melanoleuca*) im Zoologischen Garten Berlin. Unveröffentlichte Mitteilung.

Durrant BS, Czekala N, Olson M, Anderson A, Amodeo D, Campos-Morales R, Gual-Sill F, Ramos-Garza J (2002). Papanicolaou staining of exfoliated vaginal epithelial cells facilitates the prediction of ovulation in the giant panda. Theriogenology 57: 1855-1864.

Durrant BS, Russ KD, Bolamba D, Harper SA, Czekala NM, Lindburg DG (1998). The correlation of vaginal cytology with morphological, endocrinological and behavioral indicators of estrus in the giant panda, *Ailuropoda melanoleuca*. Biol.Reprod. 58.

Enig MG (2004)*. Coconut: In Support of Good Health in the 21st Century. Internet: <http://www.mercola.com> am 06.06.2004.

Erickson AW (1959). The age of self-sufficiency in the black bear. J.Wildl.Manage. 23: 401-405.

Erickson AW (1960). Supernumerary mammae in the black bear. J.Mamm. 41: 409.

Erickson AW, Mossman HW, Hensel RJ (1968). The breeding biology of the male brown bear (*Ursus arctos*). Zoologica 53: 85-105.

Erickson AW, Nellor JE, Petrides G (1964). The black bear in Michigan. MI Sta.Univ.Agr.Exp.Sta.E.Lansing Res.Bull. Report 4: 1-102.

Faust R, Faust I (1959). Bericht über Aufzucht und Entwicklung eines isolierten Eisbären, *Thalarctos maritimus* (Phipps). Zool.Garten N.F. 25: 143-165.

* Internetquellen liegen dem Autor als Ausdruck vor.

- Feng W, Wang P, Wang C, Zhang A, Ye Z, He G, Xiong G, Zhang S (1991). Semen character study in the giant panda (1) Observe the semen quality. Sichuan University Journal 28: 93-101.
- Forseman KR, Daniel JCjr (1983). Plasma progesterone concentrations in pregnant and non-pregnant black bears (*Ursus americanus*). J.Reprod.Fertil. 68: 235-239.
- Frese R (1985). General observations on the giant pandas (*Ailuropoda melanoleuca*) at Berlin Zoo. Bongo 10: 27-32.
- Friebe A, Swenson JE, Sandegren F (2001). Denning chronology of female brown bears in central Sweden. Ursus 12: 37-46.
- Gaffrey G (1961). Merkmale Wildlebender Säugetiere Mitteleuropas. Akademische Verlagsgesellschaft, Leipzig.
- Gansloßer U (2000). Die Bären. Fielander, Fürth.
- Garshelis DL (2001). In: The Encyclopedia of Mammals (Hrsg.: MacDonald D, Norris S), 70-75,80-81,84-85. Facts On File Inc., Oxford.
- Garshelis DL, Hellgren EC (1994). Variation in reproductive-biology of male black bears. J.Mamm. 75: 175-188.
- Gensch W (1965). Birth and rearing of a spectacled bear *Tremarctos ornatus* at Dresden Zoo. Int Zoo Yb 5: 111.
- Göltenboth R (1995). Großer Panda. In: Krankheiten der Zoo- und Wildtiere (Hrsg.: Göltenboth R, Klös HG), 120-133. Blackwell Wissenschafts-Verlag GmbH, Berlin.
- Göltenboth R, Seager SWJ, Göritz F, Blottner S, Ochs A, Hildebrandt TB (1998). Fertility evaluation in males of different endangered species at the Berlin Zoo. Proc.EAZWV and BVZS 2nd Scientific Meeting 373-385.
- Göritz F (1996). Sonographie bei Zoo- und Wildtieren. Dissertation, FU Berlin.
- Göritz F, Hildebrandt TB, Hermes R, Blottner S, Jewgenow K, Klös HG, Ochs A, Göltenboth R (2000). Reproductive assessment and semen collection in Giant Pandas at the Zoological Garden Berlin. Panda 2000, Conservation Priorities for the New Millennium : 21.
- Göritz F, Hildebrandt TB, Jewgenow K, Wagner N, Hermes R, Strauss G, Meyer HH (1997). Transrectal ultrasonographic examination of the female urogenital tract in nonpregnant and pregnant captive bears (*Ursidae*). J.Reprod.Fertil.Suppl 51: 303-312.
- Göritz F, Jewgenow K, Hildebrandt TB, Strauss G, Quest M, Rohleder M, Meyer HHD (1998). Trächtigkeitsdiagnostik und Möglichkeiten der Reproduktionskontrolle beim Europäischen Braunbär. Arbeitstagung der Zootierärzte im deutschsprachigen Raum : 101-103. Tierpark Friedrichsfelde, Berlin.
- Göritz F, Quest M, Hildebrandt TB, Meyer HH, Kolter L, Elger W, Jewgenow K (2001). Control of reproduction with anti-progestin and oestrogens in captive bears. J.Reprod.Fertil.Suppl 57: 249-254.
- Grzimek B, Pedersen A (1993). Die Großbären - Familie. In: Grzimeks Tierleben (Hrsg.: Klemmer K, Wermuth H, Hediger H), 118-127. DTV, München.

- Günzel-Apel A-R (1994). Fertilitätskontrolle und Samenübertragung beim Hund. Gustav Fischer Verlag, Jena, Stuttgart.
- Günzel-Apel A-R, Terhaer P, Waberski D (1994). Hodendimensionen und Ejakulatbeschaffenheit fertiler Rüden unterschiedlicher Körpergewichte. Kleintierpraxis 483-486.
- Hagen W, Hagen H (1993). Die Sache mit dem Storch - Das Sexualleben der Tiere. Rasch & Röhring Verlag, Hamburg.
- Harrington CR (1964). Polar bears and their present status. Can.Audubon. 26: 4-12.
- Hashimoto T, Otaka E, Adachi J, Mizuta K, Hasegawa M (1993). The Giant Panda is closer to a bear, judged by alpha-hemoglobin and beta-hemoglobin sequences. J.Mol.Evol. 36: 282-289.
- Hatler DF (1967). Some aspects in the ecology of the black bear (*Ursus americanus*) in interior Alaska. Dissertation, Univ. AK.
- Hellgren EC, Vaughan MR, Gwazdauskas FC (1990). Endocrine and electrophoretic profiles during pregnancy in captive female black bears. Can.J.Zool. 69: 892-898.
- Hensel RJ, Troyer WH, Erickson AW (1969). Reproduction in the female brown bear. J.Wildl.Manage. 33: 357-365.
- Heptner VG, Naumov NP (1966). Die Säugetiere der Sowjetunion. VEB Gustav Fischer Verlag, Jena.
- Heptner WG, Morosowa-Turowa LG, Zalkin WI (1956). Die Säugetiere in der Schutzwaldzone. Deutscher Verlag der Wissenschaften, Berlin.
- Hermes R (1998). Sonographie der Trächtigkeit beim Europäischen Reh (*Capreolus capreolus*) und Quantifizierung endometrialer Veränderungen während der Diapause mittels computergestützter Graustufenanalyse. Dissertation, FU Berlin.
- Hess JK (1971). Hand rearing polar bear cubs *Thalarctos maritimus* at St Paul Zoo. Int Zoo Yb 11: 102-107.
- Hildebrandt TB, Göritz F (1995). Ultrasonography as a tool in zoo animal management. In: Research and Captive Propagation (Hrsg.: Gansloßer U, Hodges JK, Kaumanns W), 51-58. Filander Verlag, Fürth.
- Hildebrandt TB, Göritz F (1999). Use of ultrasonography in Zoo Animals. In: Zoo and Wild Animal Medicine (Hrsg.: Fowler ME, Miller RE), 41-54. W.B. Saunders Company, Philadelphia; London; Toronto; Montreal; Sydney; Tokyo.
- Hildebrandt TB, Göritz F, Hermes R, Blottner S, Jewgenow K, Klös HG, Ochs A, Göltenboth R (2000a). Artificial Insemination (AI) Program in the Giant Panda at the Zoological Garden Berlin. Panda 2000, Conservation Priorities for the New Millennium: 30.
- Hildebrandt TB, Hermes R, Jewgenow K, Göritz F (2000b). Ultrasonography as an important tool for the development and application of reproductive technologies in non-domestic species. Theriogenology 53: 73-84.

- Hilton-Taylor C (2000)*. 2000 IUCN Red List of Threatened Species. Internet: <http://www.redlist.org> am 21.11.2000.
- Hissa R, Nissilä J, Piippo S, Pyörnilä A, Hohtola E (2000). Physiological state of the brown bear before, during and after the denning period. *Advances in Ethology* 35 [3rd International Symposium on Physiology and Ethology of Wild and Zoo Animals]: 69.
- Hock RJ (1960). Seasonal variations in physiological functions of arctic ground squirrels and black bears. *Bull.Mus.Comp.Zool.* 124: 155-159.
- Hock RJ (1966). Growth rate in newborn black bear cubs. *Growth* 30: 339-348.
- Hock RJ, Larson AM (1966). Composition of black bear milk. *J.Mamm.* 47: 539-540.
- Hodges JK, Bevan DJ, Celma M, Hearn JP, Jones DM, Kleiman DG, Knight J, Moore HD (1984). Aspects of the reproductive endocrinology of the female Giant panda (*Ailuropoda melanoleuca*) in captivity with special reference to the detection of ovulation and pregnancy. *J.Zool.Lond.* 203: 253-267.
- Hofmann O, Braunitzer G (1987). The primary structure of the hemoglobin of spectacled bear (*Tremarctos ornatus*, Carnivora). *Biol.Chem.Hoppe Seyler* 368: 949-954.
- Horan KT, Nelson RA, Palmer SS, Bahr JM (1993). Seasonal response of the pituitary and testes to gonadotropin-releasing hormone in the black bear (*Ursus americanus*). *Comp Biochem.Physiol Comp Physiol* 106: 175-182.
- Howell-Skalla L, Bunick D, Bleck G, Nelson RA, Bahr JM (2000a). Cloning and sequence analysis of the extracellular region of the polar bear (*Ursus maritimus*) luteinizing hormone receptor (LHr), follicle stimulating hormone receptor (FSHr), and prolactin receptor (PRLr) genes and their expression in the testis of the black bear (*Ursus americanus*). *Mol.Reprod.Dev.* 55: 136-145.
- Howell-Skalla LA, Bunick D, Nelson RA, Bahr JM (2000b). Testicular recrudescence in the male black bear (*Ursus americanus*): changes in testicular luteinizing hormone-, follicle-stimulating hormone-, and prolactin-receptor ribonucleic acid abundance and dependency on prolactin. *Biol.Reprod.* 63: 440-447.
- Howell-Skalla LA, Cattet MR, Ramsay MA, Bahr JM (2002). Seasonal changes in testicular size and serum LH, prolactin and testosterone concentrations in male polar bears (*Ursus maritimus*). *Reproduction.* 123: 729-733.
- Hu J (1990). Studies on reproduction biology of the giant panda. *Proc.of the 2nd International Symposium on Giant Panda* : 73-76. Tokyo Zoological Park Society, Tokyo.
- Hudson GJ, Bailey PA, John PM, Monsalve L, Garcia del Campo AL, Taylor DC, Kay JD (1984). Composition of milk from *Ailuropoda melanoleuca*, the giant panda. *Vet.Rec.* 115: 252.
- Hutzelsider HB (1940). Eine Malayenbärengeburt im Zoo Aarhus. *Zool.Garten N.F.* 12: 157-161.

* Internetquellen liegen dem Autor als Ausdruck vor.

- Ishikawa A, Matsui M, Tsuruga H, Sakamoto H, Takahashi Y, Kanagawa H (1998). Electroejaculation and semen characteristics of the captive Hokkaido brown bear (*Ursus arctos yesoensis*). J.Vet.Med.Sci. 60: 965-968.
- IUCN (2003)*. Executive Summary; Status Survey and Conservation Action Plan: Bear. Internet: <http://www.iucn.org> am 25.04.2003.
- Iverson SJ, Oftedal OT (1992). Fatty acid composition of black bear (*Ursus americanus*) milk during and after the period of winter dormancy. Lipids 27: 940-943.
- Jackson HHT (1961). Mammals in Wisconsin. Univ WI Press, Madison,WI.
- Jacobi EF (1975). Breeding sloth bears in Amsterdam zoo. In: Breeding endangered species in captivity (Hrsg.: Martin RD), 351-360. Academic Press, New York.
- Jann O, Wilke O (2003). Prüfungsverfahren zur Bestimmung der Emission flüchtiger organischer Verbindungen aus Materialien und Produkten. In: Referenzverfahren, (304-1)-(304-2). Bundesanstalt für Materialforschung und -prüfung, Berlin.
- Jenness R, Erickson AW, Craighead JJ (1972). Some comparative aspects of milk from four species of bears. J.Mamm. 53: 34-47.
- Jewgenow K, Quest M, Elger W, Hildebrandt TB, Meyer HH, Strauss G, Göritz F (2001). Administration of antiprogestin J956 for contraception in bears: a pharmacological study. Theriogenology 56: 601-611.
- Johnston LA, Donoghue AM, Igo W, Simmons LG, Wildt DE, Rieffenberger J (1994). Oocyte recovery and maturation in the American black bear (*Ursus americanus*): a model for endangered ursids. J.Exp.Zool. 269: 53-61.
- Jonkel C (1978). Black, brown (grizzly), and polar bears. In: BigGame of North America (Hrsg.: Schmidt JL, Gilbert DL), 227-248. Stackpole Books, Harrisburg, PA.
- Joshi AR, Garshelis DL, Smith LD (1995). Home ranges of sloth bears in Nepal - Implications for conservation. J.Wildl.Manage. 59: 204-214.
- Kappeler PM (1996). Intrasexual selection and testis size in strepsirhine primates. Behav.Ecol. 10-19.
- Keienburg W, Lang L, Schmitz S, Zell P (1993). Grzimeks Enzyklopädie. Kindler, München.
- Kempf E, Wilson A, Servheen C (1999). A WWF Species Status Report. WWF - World Wide Fund For Nature, Gland, Switzerland.
- Kimber SJ (2000). Cell Biology of Implantation and Placentation. Introduction. Semin.Cell Dev.Biol. 11: 61-65.
- Kistchinski AA (1972). Life history of the brown bear (*U.arctos* L) in north east Siberia. Int.Conf.Bear Res.and Manage. 2: 67-73.
- Kitchener AC (2000). Evolution, Systematik und funktionelle Morphologie der Ursidae. In: EEP Richtlinien zur Haltung von Ursiden (Hrsg.: Kolter L, Usher Smith J), 1-17. Zoolog. Garten Köln, Köln.

* Internetquellen liegen dem Autor als Ausdruck vor.

- Kleiman DG (1983). Ethology and reproduction of captive giant pandas (*Ailuropoda melanoleuca*). Z Tierpsychol. 62: 1-46.
- Kleiman DG (1985). Social and reproductive behaviors of giant panda (*Ailuropoda melanoleuca*). Bongo 10: 45-58.
- Kleiman DG, Karesh WB, Chu PR (1979). Behavioural changes associated with oestrus in the giant panda. Int Zoo Yb 19: 217-223.
- Klemmer K, Wermuth H, Hediger H (1993). Grzimeks Tierleben. DTV, München.
- Knauer F (2002). Ausbreitungsmuster von Braunbären in den Ostalpen. Dissertation, Technische Universität München, Fakultät für Ernährung, Landnutzung und Umwelt.
- Knauf T, Jewgenow K, Hildebrandt TB, Blottner S, Ochs A, Eulenberger K, Bernhard A, Osmann C, Göritz F (2002a). Reproductive Health Assessment in Male Bears Using Ultrasonography. Proc.EAZWV 4th Scientific Meeting joint with EWDA 443-450.
- Knauf T, Jewgenow K, Hildebrandt TB, Eulenberger K, Osmann C, Göritz F, Bernhard A (2002b). Sonomorphology of the male genital tract in bears. Annual Meeting on Physiology and Pathology of Reproduction 35: 65.
- Knight JA, Bush M, Celma M, Garcia del Campo AL, Göltenboth R, Hearn JP, Hodges JK, Jones DM, Klös HG, Monsalve L, Montali RJ, Moore HDM (1985). Veterinary aspects of reproduction in the giant panda (*Ailuropoda melanoleuca*). Bongo 10: 93-126.
- Kockova-Kratochvilova A, Ladzianska K, Bucko S (1987). Malassezia pachydermatis in small animals. Mykosen 30: 541-543.
- Kojima E, Tsuruga H, Komatsu T, Murase T, Tsubota T, Kita I (2001). Characterization of semen collected from beagles and captive Japanese black bears (*Ursus thibetanus japonicus*). Theriogenology 55: 717-731.
- Kolenosky G (1977). Black bear. Can.Wildl.Serv. Report.
- Kolenosky GB (1990). Reproductive biology of black bears in east-central Ontario. Int.Conf.Bear Res.and Manage. 8: 385-391.
- Kolter L (1995a). European regional studbook of the sun bear (*Helarctos malayanus*). Zoologischer Garten Köln, Köln.
- Kolter L (1995b). European collection planning for bears. In: EEP Yearbook 1994/95 including the Proceedings of the 12th EEP Conference, Poznen 30 June - 2 July 1995 (Hrsg.: Rietkerk F, Brouwer K, Smits S), 431-437. EAZA/EEP Executive Office, Amsterdam.
- Komatsu T, Tsubota T, Yamamoto Y, Atoji Y, Suzuki Y (1997a). Seasonal changes in the immunolocalization of steroidogenic enzymes in the testes of the Japanese black bear (*Ursus thibetanus japonicus*). J.Vet.Med.Sci. 59: 521-529.
- Komatsu T, Yamamoto Y, Atoji Y, Tsubota T, Suzuki Y (1997b). Seasonal changes in subcellular structures of Leydig and Sertoli cells in the Japanese black bear, *Ursus thibetanus japonicus*. Arch.Histol.Cytol. 60: 225-234.
- Komatsu T, Yamamoto Y, Atoji Y, Tsubota T, Suzuki Y (1998). Immunohistochemical demonstration of cytoskeletal proteins in the testis of the Japanese black bear, *Ursus thibetanus japonicus*. Anat.Histol.Embryol. 27: 209-213.

- Komatsu T, Yamamoto Y, Tsubota T, Atoji Y, Suzuki Y (1996). Spermatogenic cycle in the testis of the Japanese black bear (*Selenarctos thibetanus japonicus*). J.Vet.Med.Sci. 58: 329-335.
- Kordek WS, Lindzey JS (1980). Preliminary analysis of female reproductive tracts from Pennsylvania black bears. In: Baers: Their biology and Management (Hrsg.: Martinka CJ, McArthur KL), 159-161. US Gov.Printing Office, Washington DC.
- Kostjan EJ (1934). Eisbären und ihr Wachstum. Zool.Garten N.F. 7: 157-164.
- Kowalzik A (1996). Palpatorische und metrische Befunderhebung an Skrotum, Hoden und Nebenhoden des Hundes unter besonderer Berücksichtigung des Körpergewichts sowie der Diagnostik der Mikrorchie und Nebenhodenhypoplasie und -apiasie. Dissertation, Tierärztliche Hochschule Hannover.
- Kroker R (2003). Hormone und hormonell wirkende Pharmaka. In: Pharmakotherapie bei Haus- und Nutztieren (Hrsg.: Löscher W, Ungemach FR, Kroker R), 316. Blackwell Verlag, Berlin/Wien.
- Kronberger H (1964). Beitrag zur Fortpflanzungsbiologie des Baribal (*Ursus americanus* PALLAS). Milu, Berlin 1: 298-302.
- Kronberger H (1970). Nachweis von Blastozysten im Uteruslumen von Bärinnen. Verh.ber.Erkrq.Zootiere 11: 261-262.
- Kuckelkorn B, Dathe HH (1990). Trächtigkeitsdiagnose beim Panzernashorn (*Rhinoceros unicornis*) anhand von Progesteronbestimmungen im Speichel. Zool.GartenN.F. 60: 333-340.
- Kühme W (1990). Beobachtungen zur Fortpflanzungsbiologie des Malaienbären (*Helarctos malayanus*) mit Vergleichen zum Brillenbär (*Tremarctos ornatus*). Zool.Garten N.F. 60: 263-284.
- Kühme W (1991). Haltung und Fortpflanzung von Brillenbären (*Tremarctos ornatus*) im Kölner Zoo. Zool.Garten N.F. 61: 29-47.
- Kuntze A (1968). Operationen am Genitaltrakt von Zirkus- und Zootieren. Verh.ber.Erkrq.Zootiere 10: 105-109.
- Kuntze A (1995). Bären. In: Krankheiten der Zoo- und Wildtiere (Hrsg.: Göltenboth R, Klös HG), 106-120. Blackwell Wissenschafts-Verlag GmbH, Berlin.
- Kurt F (2000). Der Lippenbär (*Melursus ursinus*). In: Die Bären (Hrsg.: Gansloßer U), 215-234. Filander-Verl., Fürth.
- Kurt F, Grzimek B, Zhiwotschenko V (1993). Echte Bären. In: Grzimeks Enzyklopädie (Hrsg.: Keienburg W, Lang L, Schmitz S, Zell P), 480-501. Kindler, München.
- Langguth S (2002). Haltung, Fütterung, Fortpflanzung und Krankheitsgeschehen des Lippenbären (*Melursus ursinus*, Shaw 1791) in Zoologischen Gärten unter besonderer Berücksichtigung des Metastasierenden Extrahepatischen Gallengangskarzinomes (MEG). Dissertation, Universität Leipzig.
- Laurie A, Seidensticker J (1977). Behavioural ecology of the sloth bear (*Melursus ursinus*). J.Zool. 182: 187-204.

- LeBlanc PJ, Obbard M, Battersby BJ, Felskie AK, Brown L, Wright PA, Ballantyne JS (2001). Correlations of plasma lipid metabolites with hibernation and lactation in wild black bears *Ursus americanus*. *J.Comp.Physiol.* 171: 327-334.
- Ledje C, Arnason U (1996). Phylogenetic relationships within caniform carnivores based on analyses of the mitochondrial 12S rRNA gene. *J.Mol.Evol.* 43: 641-649.
- Lengwinat T, Quest M, Tscherner W, Göritz F, Kolter L (2000). Zur Embryonalruhe des Brillenbären (*Tremarctos ornatus* Cuvier, 1825). *Zool.Garten N.F.* 71: 137-146.
- Leopold AS (1959). *Wildlife of Mexico*. Univ CA Press, Berkeley.
- Leyhausen P, Thenius E (1993). Raubtiere. In: *Grzimeks Enzyklopädie* (Hrsg.: Keienburg W, Lang L, Schmitz S, Zell P), 362-383. Kindler, München.
- Lindburg DG, Baragona K (2003). *Panda 2000: Conservation Priorities for the New Millennium*. Univ.of Calif.Press, Berkeley, CA.
- Lindburg DG, Czekala N, Swaisgood RR (2001). Hormonal and Behavioral relationships during estrus in the giant panda. *Zoo Biology* 20: 537-543.
- Lindburg DG, Millard SE (1995). Behavioral issues in reproductive management of cheethas, with implications for the giant panda. In: *Proc.of the 2nd Int.Conf.on Environm.Enrichmen*, 251-259. Copenhagen Zoo.
- Lindemann W (1954). Zur Rassenfrage und Fortpflanzungsbiologie der karpatischen Braunbären, *Ursus a. arctos* Linné. *Säugetierk.Mitt.* 2: 1-8.
- Linke K (2000). Fortpflanzung. In: *EEP Richtlinien zur Haltung von Ursiden* (Hrsg.: Kolter L, Usher Smith J), 1-13. Zoolog. Garten Köln, Köln.
- Liu DZ, Fang JM, Sun RY, Zhang GQ, Wei RP (1998). Behavioral comparison in individuals of different sexual ability in giant panda. *Acta Zoologica Sinica* 44: 27-34.
- Liu W (1988). Litter size and survival rate in captive giant panda (*Ailuropoda melanoleuca*). *Int.Zoo Yb.* 27: 304-307.
- Liu W, Ye Z, Li C, Liao G (1991). Experiments in giant panda artificial reproduction. In: *Beijing Zoo Giant Panda Breeding and Disease-Collected Reports* (Hrsg.: Liu W, Wang X), 19-22. Beijing Zoo, Beijing.
- Liu WX, Liu NL, Zhang HM, Qiu XM, Zhang GQ (1994). Hand-rearing of newborn Giant panda. *Chinese Sci.Bulletin* 39: 514-519.
- Liu X, Xiao Q (1986). Age composition, sex ratio and reproduction of bears in Heilongjaing Province, China. *Acta Theriol.Sinica* 6: 170.
- Lottspeich F (1998). Fettsäuren. In: *Bioanalytik* (Hrsg.: Lottspeich F, Zorbas H), 553-554. Spektrum, Akad. Verl., Heidelberg; Berlin.
- Lu YC, Chatterton RT, Jr., Vogelsong KM, May LK (1997). Direct radioimmunoassay of progesterone in saliva. *J.Immunoassay* 18: 149-163.
- Lydekker R (1924). *The game animals of India, Burma, Malaya, and Tibet*. Rowland Ward, London.

MacDonald D, Norris S (2001). The Enzyklopedia of Mammals. Facts on File Inc., Oxford.

Mace GM, Balmford A (2000). Patterns and processes in contemporary mammalian extinction. In: Future priorities for the conservation of mammalian diversity (Hrsg.: Entwistle A, Dunstone N) Cambridge University Press, Cambridge.

Mano T, Tsubota T (2002). Reproductive characteristics of brown bears on the Oshima Peninsula, Hokkaido, Japan. J.Mamm. 4: 1026-1034.

Marks SA, Erickson AW (1966). Age determination in the black bear. J.Wildl.Manage. 30: 389-410.

Martel Y (2001). Life of Pi. Alfred A Knopf, Toronto.

Masiu M, Hiramatsu H, Saito K, Nose N, Nakazato R, Sagawa Y, Kasai N, Tajima H, Tanabe K, Kawasaki I (1985). Seasonal fluctuation of sperm count in the urine of the giant panda. Bongo 10: 43-44.

Masui M, Hiramatsu H, Nose N, Nakazato R, Sagawa Y, Tajima H, Saito K (1989). Successful Artificial Insemination in the Giant Panda (*Ailuropoda melanoleuca*) at Ueno Zoo. Zoo Biology 8: 17-26.

McCusker JS (1974). Breeding Malayan sun bears *Helarctos malayanus* at Fort Worth Zoo. Int.Zoo Yb. 14: 118-119.

McDonald SE (1989). Breeding Spectacled bears at the Calgary Zoo. Proc.of the 1st Int.Symp.on the Spect.Bear : 179-183. Lincoln Park Zoo, Chicago.

McGeehan L, Li XB, Jackintell L, Huang SQ, Wang AP, Czekala NM (2002). Hormonal and behavioural correlates of estrus in captive giant panda. Zoo Biology 21: 449-466.

McGowan MW, Artiss JD, Strandbergh DR, Zak B (1983). A peroxidase-coupled method for the colorimetric determination of serum triglycerides. Clin.Chem. 29: 538-542.

McLellan BN (1989). Dynamics of a grizzly bear population during a period of industrial resources extraction III Nataly and rate of increase. Can.J.Zool. 67: 1865-1868.

McMillin JM, Seal US, Rogers L, Erickson AW (1976). Annual testosterone rhythm in the black bear (*Ursus americanus*). Biol.Reprod. 15: 163-167.

Mead RA (1993). Embryonic diapause in vertebrates. J.Exp.Zool. 266: 629-641.

Meiyue Z (1996). IVF project stirs debate over how to preserve pandas. Science 272: 1580-1581.

Meyer HH, Rohleder M, Streich WJ, Göltenboth R, Ochs A (1997). Sex steroid profiles and ovarian activities of the female panda Yan Yan in the Berlin Zoo. BerlMunch.Tierarztl.Wochenschr. 110: 143-147.

Meyer-Holzapfel M (1957). Das Verhalten der Bären (Ursidae). In: Handbuch der Zoologie (Hrsg.: Kükenthal W, Krumbach T), 1-28. Walter de Gruyter & Co., Berlin.

Michalowski DR (1971). Hand-rearing a polar bear cub *Thalarctos maritimus* at Rochester Zoo. Int Zoo Yb 11: 107-109.

Michel G (1984). Structure of the placenta in bears. Anat.Anz. 155: 209-215.

- Michel G, Elze K, Seifert S (1983). Zur Embryonalentwicklung des Bären unter besonderer Beachtung des Baues der Plazenta. Zool.Garten N.F. 53: 290-294.
- Milius S (2001). The lives of pandas. Science News 159: 61-64.
- Monfort SL, Dahl KD, Czekala NM, Stevens L, Bush M, Wildt DE (1989). Monitoring ovarian function and pregnancy in the giant panda (*Ailuropoda melanoleuca*) by evaluating urinary bioactive FSH and steroid metabolites. J.Reprod.Fertil. 85: 203-212.
- Moore HD, Bush M, Celma M, Garcia del Campo AL, Hartman T, Hearn J, Hodges J, Jones D, Knight J, Monsalve L, Wildt DE (1984). Artificial insemination in the Giant Panda (*Ailuropoda melanoleuca*). J.Zool.Lond. 203: 269-278.
- Moseley D (1994). The Maintenance and Breeding of Spectacled Bear *Tremarctos ornatus* at the Jersey Wildlife Preservation Trust. Bears: Their Status, Conservation & Welfare in Captivity . The Federation of Zoological Gardens of Great Britain and Ireland, The Zoological Society of Glasgow and the West of Scotland, Glasgow Zoopark. Calderpark, Uddingston, Glasgow.
- Mossman HW (1937). Comparative morphogenesis of the fetal membranes and accessory uterine structures. Contrib Embryol Carnegie Inst Wash 26: 129-246.
- Müller P (1988). Beobachtungen zur Fortpflanzungsbiologie von Brillenbären, *Tremarctos ornatus* (F.Cuvier, 1825), im Zoologischen Garten Leipzig. Zool.Garten N.F. 58: 9-21.
- Müller P (1989). Observations on behavior and reproductive biology in Spectacled bears, *Tremarctos ornatus* (F. Cuvier, 1825), at the Leipzig Zoological Garden. Proc.of the 1st Int.Symp.on the Spect.Bear : 210-220. Lincoln Park Zoo, Chicago.
- Mulder C, Schouten JA, Popp-Snijders C (1983). Determination of free fatty acids: a comparative study of the enzymatic versus the gas chromatographic and the colorimetric method. J.Clin.Chem.Clin.Biochem. 21: 823-827.
- Mundy KRD, Flook DR (1973). Background for managing grizzly bears in the national parks of Canada. Report 22: 1-34.
- Murr E (1929). Zur Erklärung der verlängerten Tragzeit bei Säugetieren. Zoolog.Anzeiger 85: 113-129.
- Nakazato R, Sagawa Y, Tajima H, Kasai N, Yamanobe M, Tashiro K, Asakura S (1985). Giant pandas at Ueno Zoo. Bongo 10: 33-42.
- Nash WG, Menninger JC, Wienberg J, Padilla-Nash HM, O'Brien SJ (2001). The pattern of phylogenomic evolution of the Canidae. Cytogenet.Cell Genet. 95: 210-224.
- Nelson RA (1973). Winter sleep in the black bear. A physiologic and metabolic marvel. Mayo.Clin.Proc. 48: 733-737.
- Noma A, Okabe H, Kita M (1973). A new colorimetric micro-determination of free fatty acids in serum. Clin.Chim.Acta 43: 317-320.
- Norris T (1969). Cylon sloth bear. Animals 12: 300-303.
- Novikow GA (1962). Carnivorous Mammals of the Fauna of the USSR. Israel Prog. Sci. Trans., Jerusalem.

- Novikow GA, Airapetjants AE, Pukinsky YuB (1969). Some peculiarities of population of brown bears in the Leningrad district. Zool.Zhurn. 48: 885-901.
- Nowak RM (1999). Walker's Mammals of the World. The Johns Hopkins University Press, Baltimore, London.
- Noyce KV, Garshelis DL (1994). Body size and blood characteristics as indicators of condition and reproductive performance in Black bears. Bears: Their Biology and Management 9: 481-496.
- Nulbio RV (1989). An overview of the Spectacled bear (*Tremarctos ornatus*) in Colombia | Perspectives of breeding in captivity. Proc.of the 1st Int.Symp.on the Spect.Bear : 297-330. Lincoln Park Zoo, Chicago.
- O'Brien SJ, Nash WG, Wildt DE, Bush ME, Benveniste RE (1985). A molecular solution to the riddle of the giant panda's phylogeny. Nature 317: 140-144.
- Oftedal OT, Alt G, Widdowson EM, Jakubasz MR (1993). Nutrition and growth of suckling black bears (*Ursus americanus*) during their mothers' winter fast. J.Nutr. 70: 59-79.
- Onoyama K, Haga R (1982). New record of four fetuses in a litter of the Yezo brown bear *Ursus arctos yesoensis*. J.Mamm.Soc.Japan 9: 1-8.
- Onuma M, Suzuki M, Ohtaishi N (2001). Reproductive pattern of the sun bear (*Helarctos malayanus*) in Sarawak, Malaysia. J.Vet.Med.Sci. 63: 293-297.
- Ottow B (1955). Biologische Anatomie der Genitalorgane und der Fortpflanzung der Säugetiere. VEB Gustav Fischer, Jena.
- Palmer SS, Nelson RA, Ramsay MA, Stirling I, Bahr JM (1988). Annual changes in serum sex steroids in male and female black (*Ursus americanus*) and polar (*Ursus maritimus*) bears. Biol.Reprod. 38: 1044-1050.
- Pearson AM (1975). The northern interior grizzly bear, *Ursus arctos* L. Report 34: 1-84.
- Pedersen A (1957). Der Eisbär. Ziemsen Verlag, Wittneberg-Lutherstadt.
- Pedersen A (1993). In: Grzimeks Tierleben (Hrsg.: Klemmer K, Wermuth H, Hediger H), 127-143. DTV, München.
- Pelton MR, Coley AB, Eason TH, Doan Martinez DL, Pederson JA, van Manen FT, Weaver KM (1999). American Black Bear Conservation Act. In: Beras: Status Survey and Conservation Action Plan (Hrsg.: Servheen C, Herrero S, Peyton B), 144-156. IUCN, Gland and Cambridge.
- Peters G (1982). A note on the vocal behaviour of the Giant panda, *Ailuropoda melanoleuca* (David, 1869). Z Säugetierkunde 47: 236-246.
- Peyton B (1999). Spectacled Bear Conservation Action Plan. In: Bears: Status Survey and Conservation Action Plan (Hrsg.: Servheen C, Herrero S, Peyton B), 157-198. IUCN, Gland and Cambridge.
- Phillips WWA (1925). A guide to the mammals of Ceylon Part II Carnivora. Cylon J.Sci.Series.B.Zool.Geol. 13: 143-184.
- Phillips WWA (1935). Manual of the Mammals of Ceylon. Dulau&Co, London.

- Phillips WWA (1980). Manual of the mammals of Sri Lanka. Wildlife and Nature Protection Society of Sri Lanka. Wildlife and Nature Protection Society of Sri Lanka
- Picton HD (1978). Climate and reproduction of grizzly bears in Yellowstone National Park. *Nature* 274: 888-889.
- Pies-Schulz-Hofen R (1992). Die Tierpflegerausbildung. Paul Parey, Berlin.
- Pietraszek J, Atkinson S, Atkinson S (1994). Concentrations of Estrone Sulfate and Progesterone in Plasma and Saliva, Vaginal cytology, and Bioelectric Impedance during the Estrous Cycle of the Hawaiian Monk Seal (*Monachus schauinslandi*). *Marine Mammal Science* 10: 430-441.
- Pirlot P, Jiao SS (1985). Quantitative morphology of the panda brain in comparison with the brains of the raccoon and the bear. *J.Hirnforsch.* 26: 17-22.
- Platz CC, Jr., Wildt DE, Howard JG, Bush M (1983). Electroejaculation and semen analysis and freezing in the giant panda (*Ailuropoda melanoleuca*). *J.Reprod.Fertil.* 67: 9-12.
- Poelker RJ, Hartwell HD (1973). Black bear of Washington. WA State Game Dept Biol Bull Report 14: 1-180.
- Poole T (1994). Workshop 4: Behavioural needs of bears in captivity. Bears: Their Status, Conservation & Welfare in Captivity . The Federation of Zoological Gardens of Great Britain and Ireland, The Zoological Society of Glasgow and the West of Scotland, Glasgow Zoopark. Calderpark, Uddingston, Glasgow.
- Prakash BS, Meyer HH, Schallenberger E, van de Wiel DF (1987). Development of a sensitive enzymeimmunoassay (EIA) for progesterone determination in unextracted bovine plasma using the second antibody technique. *J.Steroid Biochem.* 28: 623-627.
- Prell H (1930a). Über die Fortpflanzungsbiologie der europäischen Bären. *Zool.Garten N.F.* 3: 168-172.
- Prell H (1930b). Über doppelte Brunstzeit und verlängerte Tragzeit bei den europäischen Arten der Gattung *Ursus* Linné. *Biol.Zbl.* 50: 257-271.
- Pulliaainen E (1963). Occurrence and habits of the bear (*Ursus arctos*) in Finland. *Suomen Riista* 16: 23-30.
- Puschmann W (1975). Säugetiere. VEB Deutscher Landwirtschaftsverlag, Berlin.
- Puschmann W (1989). Zootierhaltung. Dt.Landwirtschaftsverlag, Thun, Frankfurt/Main.
- Puschmann W, Schüppel K, Kronberger H (1977). Blastozystennachweis im Uteruslumen des indischen Lippenbären (*Melursus u. ursinus*). *Verh.ber.Erkrq.Zootiere* 19: 389-390.
- Qiu B (1990). A review of giant panda (*Ailuropoda melanoleuca*) births during 1989. *Int.Zoo Yb.* 29: 153-155.
- Quest M (2001). Untersuchungen zur Fortpflanzungsphysiologie und Geburtenkontrolle bei in Menschenhand gehaltenen Bären (Ursidae). Dissertation, FU Berlin.
- Ramsay MA, Dunbrack RL (1986). Physiological constraints on life history phenomena: The example of small bear cubs at birth. *Am.Nat.* 127: 735-743.

- Ramsay MA, Stirling I (1982). Reproductive biology and ecology of female polar bears in western Hudson Bay. *Nat.Can.* 109: 941-946.
- Raven HC (1936). Notes on the anatomy of the Giant Panda (*Ailuropoda melanoleuca*). *Amer.Mus.Novitates* 877.
- Reed MC (1989). Continued efforts to reproduce the Spectacled bear *Tremarctos ornatus* at the Sedwick County Zoo. *Proc.of the 1st Int.Symp.on the Spect.Bear* : 233-240. Lincoln Park Zoo, Chicago.
- Renfree MB, Shaw G (2000). Diapause. *Annu.Rev.Physiol* 62: 353-375.
- Rensenbrink HP (1972). Weer jonge lippenberen. *Artis* 18: 40-47.
- Riad-Fahmy D, Read GF, Walker RF (1983). Salivary Steroid Assays for assessing variation in endocrine activity. *J.Steroid Biochem.* 19: 265-272.
- Ringleb J, Göritz F, Hildebrandt TB, Ochs A, Klös H, Jewgenow K (2003). Captive animal training - the potential of operant conditioning for medical purposes exemplified by training a giant panda (*Ailuropoda melanoleuca*) for transabdominal ultrasound surveys. *Verh.ber.Erkrq.Zootiere* 41: 297-299.
- Roberts MS (1977). The mammals of Pakistan. Ernest Benn Ltd, London.
- Rogers LL (1987). Effects of food supply and kinship on social behavior, movements and population growth of black bears in northeastern Minnesota. *Wildl.Monogr.* 97: 1-72.
- Röken B, Röken B (1981). Künstliche Aufzucht eines neugeborenen männlichen Eisbären (*Thalarctos maritimus* Phipps, 1774) in Kolmardens Djurpark. *Zool.Garten N.F.* 51: 119-122.
- Roth HH (1964). Ein Beitrag zur Kenntnis von *Tremarctos ornatus* (Cuvier). *Zool.Garten N.F.* 26: 327-331.
- Rowan W (1947). A case of six cubs in the common black bear. *J.Mamm.* 28: 404-405.
- Sato M, Tsubota T, Komatsu T, Watanabe G, Taya K, Murase T, Kita I, Kudo T (2001). Changes in sex steroids, gonadotropins, prolactin, and inhibin in pregnant and nonpregnant Japanese black bears (*Ursus thibetanus japonicus*). *Biol.Reprod.* 65: 1006-1013.
- Sato M, Tsubota T, Yamamoto K, Komatsu T, Hashimoto Y, Katayama A, Hazumi T, Kita I, Kudo T (2000). Serum progesterone and estradiol-17beta concentrations in captive and free-ranging adult female Japanese black bears (*Ursus thibetanus japonicus*). *J.Vet.Med.Sci.* 62: 415-420.
- Scanlon PF, Vaughan MR, Beal WE (1998). Split parturition in a black bear. *Ursus* 10: 61-62.
- Schaller GB (1993). Bambusbären. In: *Grzimeks Enzyklopädie* (Hrsg.: Keienburg W, Lang L, Schmitz S, Zell P), 472-476. Kindler, München.
- Schaller GB, Jinchu H, Wenshi P (1985). The Giant Pandas of Wolong. Univ Chicago Press, Chicago & London.
- Scharf TL, Sekulovich M, Hanscom T, Sullivan C (2000a). Biomedical Survey of Giant Pandas. Annual Report Report 2000: 32. The Zoological Society of San Diego, San Diego.

- Scharf TL, Sekulovich M, Hanscom T, Sullivan C (2000b). Giant Pandas: Improved Nutrition and Infant Survival. Annual Report Report 2000: 34-35. The Zoological Society of San Diego, San Diego.
- Scharf TL, Sekulovich M, Hanscom T, Sullivan C (2000c). The Center for Reproduction of Endangered Species (CRES); China. Annual Report Report 2000: 75-83. The Zoological Society of San Diego, San Diego.
- Schmeil O (1951). Familie Bären (*Ursidae*). In: Leitfaden der Tierkunde (Hrsg.: Mergenthalre W), 113-114. Quelle & Meyer, Heidelberg.
- Schmidt C (2000). Futtermittelverteilung, Stallwechsel und Transport: Experimentelle Untersuchungen zu Verhalten und Belastungszustand bei in Zoos gehaltenen Breitmaulnashörnern (*Ceratotherium simum simum*). Dissertation, Univ. Münster.
- Schneider KM (1933). Zur Jugendentwicklung eines Eisbären. Zool.Garten N.F. 6: 156-165, 224-237.
- Schneider KM (1953). Über die Tragzeit des Eisbären (*Thalassarctus maritimus*). Zoolog.Anzeiger 151: 210-225.
- Schooley RL, McLaughlin CR, Matula GJ, Krohn WB (1994). Denning chronology of female Black bears - effects of food, weather, and reproduction. J.Mamm. 2: 466-477.
- Schön J (2004). Die saisonale Spermatogenese des Rehbockes (*Capreolus capreolus*). Dissertation, FU Berlin.
- Schummer A, Vollmerhaus B (1987). Harn- und Geschlechtsapparat. In: Lehrbuch der Anatomie der Haustiere, Band 2 Eingeweide (Hrsg.: Nickel R, Schummer A, Seiferle E), 300-420. Parey, Berlin, Hamburg.
- Schwarzenberger F, Schaller K, Chaduc Y, Pagan O, Kolter L (1998). Faecal Steroid Analysis for Monitoring Ovarian Function and the Effect of PZP (Porcine Zone Pellucida Protein) in the Sun Bear (*Helarctos malayanus*). Proc.EAZWV and BVZS 2nd Scientific Meeting 387-395.
- Seager SWJ (1974). Semen collection and artificial insemination in captive wild cats, wolves and bears. Proc.Amer.Assoc.Zoo Vet. 29-33.
- Seager SWJ, Halstead LS (1996). Electroejaculation equipment for use in captive and non-captive wild animal species. Advances in Ethology [1st Int Symp Physiol Ethol Wild and Zoo Anim]: 103.
- Seitz A (1952). Eisbärenzucht im Nürnberger Tiergarten. Zool.Garten N.F. 19: 180-189.
- Seitz A (1956). Eisbärenzucht 1952 in Nürnberg. Zool.Garten N.F. 21: 161-163.
- Servheen C, Herrero S, Peyton B (1999). Bears: Status Survey and Conservation Action Plan. The Nature Conservation Bureau Ltd, Newbury, UK, IUCN, Gland, Switzerland and Cambridge, UK.
- Sheldon WG (1937). Notes on the giant panda. J.Mamm. 18: 13-19.
- Shimizu S, Tani Y, Yamada H, Tabata M, Murachi T (1980). Enzymatic determination of serum-free fatty acids: a colorimetric method. Anal.Biochem. 107: 193-198.

Slattery JP, O'Brien SJ (1995). Molecular phylogeny of the red panda (*Ailurus fulgens*). J.Hered. 86: 413-422.

Starck D (1956). Über den Reifegrad Neugeborener Ursiden im Vergleich mit anderen Carnivoren. Säugetierk.Mitt.Sonderdruck 4: 21-27.

Starck D (1959). Entwicklung der Eutheria g) Der Ausbau der feto-maternellen Beziehung bei Eutheria Äußere Form der Placenta. In: Ontogenie und Entwicklungsphysiologie der Säugetiere (Hrsg.: Starck D), 128-131. Walter de Gruyter & Co., Berlin.

Steinbacher G (1958). Zur Fortpflanzungsbiologie der Braunbären (*Ursus a. arctos*). Säugetierk.Mitt. 6: 27-28.

Steinemann P (1966). Künstliche Aufzucht eines Eisbären. Zool.Garten N.F. 32: 129-145.

Stickley ARjr (1961). A black bear tagging study in Virginia. Proc.Ann.Conf.SE Assoc.Game Fish Comm. 15: 43-54.

Stirling I (1993). Bears - Majestic Creatures of the Wild. Harper Collins, London.

Stirling I (2001). Polar Bear. In: The Encyclopedia of Mammals (Hrsg.: MacDonald D, Norris S), 76-79. Facts On File Inc.

Stirn A (2001)*. Auf der Suche nach dem Bambus. Internet: <http://www.spiegel.de> am 21.08.2001.

Storm GL, Alt G, Matula GJ jr., Nelson RA (1988). Blood chemistry of black bears from Pennsylvania during winter dormancy. J.Wildl.Dis. 24: 515-521.

Stringham SF (1990). Black bear reproductive rate relative to body weight in hunted populations. Bears: Their Biology and Management 8: 425-432.

Stroganov SU (1969). Carnivorous Mammals of Siberia. Israel Prog. Sci. Trans., Smithsonian Inst., Nat. Sci. Foundation, Washington DC.

Subba Rau A (1927). Contributions to our knowledge of the placenta of Mustelidae, Ursidae, and Sciuridae. Proc.Zool.Soc.London 1927: 1027-1069.

Sun OY, Liu H, Li XB, Song XF, Yu JQ, Li GH, Chen DY (1996). The role of Ca²⁺ and protein kinase C in the acrosome reaction of giant panda (*Ailuropoda melanoleuca*) spermatozoa. Theriogenology 2: 359-367.

Swaigood RR, Lindburg DG, Megan OW, Suzanne H (2004). Contrasting patterns of maternal care in the Giant panda and American Black bear. Int.Conf.Bear Res.Man.: 23. 8-13. Feb. 2004, San Diego.

Swaigood RR, Lindburg DG, Zhang H (2002). Discrimination of oestrous status in giant panda (*Ailuropoda melanoleuca*) via chemical cues in urine. J.Zool.Lond. 257: 381-386.

Swaigood RR, Lindburg DG, Zhou X (1999). Giant pandas discriminate individual differences in conspecific scent. Anim Behav 57: 1045-1053.

* Internetquellen liegen dem Autor als Ausdruck vor.

- Swaisgood RR, Lindburg DG, Zhou X, Owen MA (2000). The effects of sex, reproductive condition and context on discrimination of conspecific odours by giant pandas. *Anim Behav* 60: 227-237.
- Swanepoel FJC, Lubout PC, Christie J (1993). The relationship of scrotal circumferences to histological testicular parameters and sperm reserves. *J.S.Afr.Vet.Ass.* 3: 126-127.
- Swenson JE, Dahle B, Sandegren F (2001). Intraspecific predation in Scandinavian brown bears older than cubs-of-the-year. *Ursus* 12: 81-92.
- Swenson JE, Wabakken P, Sandegren F, Bjärvall A, Franzen R, Söderberg A (1995). The near extinction and recovery of brown bears in Skandinavia in relation to the bear management policies of Norway and Sweden. *Wildl.Biol.* 1: 11-25.
- Talbot SL, Shields GF (1996). A phylogeny of the bears (*Ursidae*) inferred from complete sequences of three mitochondrial genes. *Mol.Phylogenet.Evol.* 5: 567-575.
- Tang C (2002). Summary on Observation of Daily Activities and Behaviours of Giant Pandas in Oestrus Season at Berlin Zoo. Unveröffentlichte Mitteilung.
- Tang C, Qiu X, Wang X (1991). Electroejaculation by stimulation of the rectum in the giant panda (*Ailuropoda melanoleuca*). *Exploration of Nature* 10: 63-67.
- Thenius E (1965). Lebende Fossilien. Franckh'sche Verlagsbuchhandlung, W. Keller & Co., Stuttgart.
- Toldt KJ (1907). Studien über das Haarkleid von *Vulpes vulpes* L. Nachtrag: Bemerkung über den Haeckel-Maurischen Bärenembryo mit Stachelanlagen. *Ann.d.k.u.k.Naturh.Hofmuseums Wien* 258-264.
- Tsubota T (1990). Studies on reproductive physiology of Hokkaido brown bears, *Ursus arctos yesoensis*. *Jap.J.Animal.Reprod.* 36: 1-10.
- Tsubota T, Garshelis DL, Nelson RA, Bahr JM (1999). Sex steroid and prolactin profiles in male American black bears (*Ursus americanus*) during denning. *J.Vet.Med.Sci.* 61: 81-83.
- Tsubota T, Howell-Skalla L, Boone WR, Garshelis DL, Bahr JM (1998). Serum progesterone, oestradiol, luteinizing hormone and prolactin profiles in the female black bear (*Ursus americanus*). *Anim Reprod.Sci.* 53: 107-118.
- Tsubota T, Howell-Skalla L, Nitta H, Osawa Y, Mason JI, Meiers PG, Nelson RA, Bahr JM (1997). Seasonal changes in spermatogenesis and testicular steroidogenesis in the male black bear *Ursus americanus*. *J.Reprod.Fertil.* 109: 21-27.
- Tsubota T, Kanagawa H (1989). Annual changes in serum testosterone levels and spermatogenesis in the Hokkaido brown bear, *Ursus arctos yesoensis*. *J.Mamm.Soc.Japan* 14: 11-17.
- Tsubota T, Kanagawa H, Mano T, Aoi T (1990). Corpora albicantia and placental scars in Hokkaido brown bear. *Int.Conf.Bear Res.and Manage.* 8: 125-128.
- Tsubota T, Kanagawa H, Yamamoto K, Mano T, Yamanaka M, Kita I, Tiba T (1992). Serum progesterone concentrations using P-EIA kit in captive and free- ranging Hokkaido brown bears, *Ursus arctos yesoensis*. *J.Vet.Med.Sci.* 54: 1-5.

- Tsubota T, Nelson RA, Thulin JD, Howell L, Bahr JM (1995). Annual changes in serum concentrations of prolactin in captive male black bears (*Ursus americanus*). J.Reprod.Fertil. 104: 187-191.
- Tsubota T, Nitta H, Osawa Y, Mason JI, Kita I, Tiba T, Bahr JM (1993). Immunolocalization of steroidogenic enzymes, P450scc, 3 beta-HSD, P450c17, and P450arom in the Hokkaido brown bear (*Ursus arctos yesoensis*) testis. Gen.Comp Endocrinol. 92: 439-444.
- Tsubota T, Nitta H, Osawa Y, Mason JI, Kita I, Tiba T, Bahr JM (1994). Immunolocalization of steroidogenic enzymes P450scc, 3 beta HSD, P450c17 and P450arom in the corpus luteum of the Hokkaido brown bear (*Ursus arctos yesoensis*) in relation to delayed implantation. J.Reprod.Fertil. 101: 557-561.
- Tsubota T, Takahashi Y, Kanagawa H (1987). Changes in serum progesterone levels and growth of fetuses in Hokkaido brown bears. Int.Conf.Bear Res.and Manage. 7: 355-358.
- Tsubota T, Takahashi Y, Kanagawa H, Gohda K (1991). Embryo recovery during delayed implantation in the captive Hokkaido brown bear, *Ursus arctos yesoensis*. J.Vet.Med.Sci. 53: 141-142.
- Tsubota T, Taki S, Nakayama K, Mason JI, Kominami S, Harada N, Kita I (2001). Immunolocalization of steroidogenic enzymes in the corpus luteum and placenta of the Japanese black bear, *Ursus thibetanus japonicus*, during pregnancy. Reproduction. 121: 587-594.
- Tumanov IL (1998). Reproductive characteristics of captive European Brown bears and growth rates of their cubs in Russia. Ursus 10: 63-65.
- Urashima T, Kusaka Y, Nakamura T, Saito T, Maeda N, Messer M (1997). Chemical characterization of milk oligosaccharides of the brown bear, *Ursus arctos yesoensis*. Biochim.Biophys.Acta 1334: 247-255.
- Urashima T, Sumiyoshi W, Nakamura T, Arai I, Saito T, Komatsu T, Tsubota T (1999). Chemical characterization of milk oligosaccharides of the Japanese black bear, *Ursus thibetanus japonicus*. Biochim.Biophys.Acta 1472: 290-306.
- Urashima T, Yamashita T, Nakamura T, Arai I, Saito T, Derocher AE, Wiig O (2000). Chemical characterization of milk oligosaccharides of the polar bear, *Ursus maritimus*. Biochim.Biophys.Acta 1475: 395-408.
- Uspenski SM, Kistchinski AA (1972). New data on the winter ecology of the polar bear *Ursus maritimus* (Phipps) on Wrangle Island. Bears: Their Biology and Management : 181-197. ALB, IUCN, Calgary, Morges, Switzerland.
- Van Wormer J (1966). The World of the Black Bear. JB Lippincott Co, Philadelphia.
- Villares MC, Garcia del Campo AL, Greenwood A, Monsalve L, Taylor DC (1985). Breeding and rearing a giant panda at the Madrid Zoo. Bongo 10: 59-82.
- Volf J (1963a). Bemerkungen zur Fortpflanzungsbiologie der Eisbären, *Thalarctos maritimus* (Phipps) in Gefangenschaft. Z Säugetierkunde 28: 163-166.
- Volf J (1963b). Einige Bemerkungen zur Aufzucht von Eisbären (*Thalarctos maritimus*) in Gefangenschaft. Zool.Garten N.F. 28: 97-108.

- Volf J (1966). Zucht und Fortpflanzungsbiologie der Braunbären (*Ursus a arctos* L) in Gefangenschaft. *Lynx* 6: 185-189.
- Voss HF (1999). Saliva as a fluid for measurement of estriol levels. *Am.J.Obstet.Gynecol.* 180: S226-S231.
- Walkden-Brown SW, Restall BJ, Taylor WA (1994). Testicular and epididymal sperm content in grazing cashmere bucks: Seasonal variation and prediction from measurements in vivo. *Reprod.Fert.Dev.* 727-736.
- Wang D, Zhu X, Pan W (2000). Life history traits and reproduction of giant panda in the Qinling mountains. *Panda 2000, Conservation Priorities for the New Millennium.*
- Warren CD, Chaturvedi P, Newburg AR, Oftedal OT, Tilden CD, Newburg DS (2001). Comparison of oligosaccharides in milk specimens from humans and twelve other species. *Adv.Exp.Med.Biol.* 501: 325-332.
- Weitze KF (2001). Andrologie beim Bullen. In: *Veterinärmedizinische Andrologie* (Hrsg.: Busch W, Holzmann A), 117-216. Schattauer GmbH, Berlin; Wien.
- Weixin L (1988). Litter size and survival rate in captive giant pandas. *Int Zoo Yb* 27: 304-307.
- White AM, Swaisgood RR, Zhang H (2002). The highs and lows of chemical communication in giant pandas (*Ailuropoda melanoleuca*): Effect of scent desposition hight on signal discrimination. *Behav Ecol Sociobiol* 51: 519-529.
- White Dj, Berardinelli JG, Aune KE (1998). Reproductive characteristics of the male Grizzly bear in the continental United States. *Ursus* 10: 497-501.
- Wiesner H (1998). Animal welfare and contraception of zoo and wild animals. *Dtsch.Tierarztl.Wochenschr.* 105: 99-100.
- Wilk RJ, Solberg JW, Berns VD (1988). Brown bear, *Ursus arctos*, with six young. *Can.Field-Nat.* 102: 541-543.
- Wimsatt WA (1963). Delayed implantation in the Ursidae, with particular reference in the black bear (*Ursus americanus* Pallas). In: *Delayed implantation* (Hrsg.: Enders AC), 49-70. Univ.Chicago Press, Chicago.
- Wimsatt WA (1974). Morphogenesis of the fetal membranes and placenta of the black bear, *Ursus americanus* (Pallas). *Am.J.Anat.* 140: 471-495.
- Winkler D (1998). The forests of the eastern part of the Tibetanian plateau | A Case Study from Jiuzhaigou (Zitsa Degu; NNW Sichuan). *Plant Res.Develop.* 47/48: 184-210.
- Wright PL (1981). Discussion. *J.Reprod.Fertil.Suppl* 29: 49-50.
- Wurster-Hill DH, Bush M (1980). The interrelationship of chromosome banding patterns in the giant panda (*Ailuropoda melanoleuca*), hybrid bear (*Ursus middendorfi* X *Thalarctos maritimus*), and other carnivores. *Cytogenet.Cell Genet.* 27: 147-154.
- WWF (1997). Großer Panda. Umweltstiftung WWF-Deutschland, Frankfurt/Main.

WWF (2001)*. Giant Panda. Internet: <http://www.wwf.org> am 21.08.2001

Yangwen L, Guoxin L, Shuzhong L, Diazong C, Shaozhong J, Juqun Y, Weixin L, Chengzhong L, Jing Z, Zhi L, Donghai H, Huigen P, Tao P (1980). The Giant Panda. Science Press and Litton Educational Publishing, New York, Cincinnati, Toronto, London, Melbourne.

Yonzon P (2001). Other Procyonids. In: The Encyclopedia of Mammals (Hrsg.: MacDonald D, Norris S), 94. Facts On File Inc.

Zabke J (1965). Literaturstudien zum chemischen Graviditätsnachweis und Versuch einer Trächtigkeitsdiagnose bei Bären. Dissertation, Humboldt-Univ. Berlin.

Zalkin V (1936). On the biology of the white bear of the Franz-Joseph Archipelago. Bull.Soc.Nat.Moscow Sect.Biol. 45: 355-363.

Zhang A, Ye Z, He G, Xu Q, Song Y, Feng W (1987). Research on frozen semen of the giant panda. Reports on the Research on Giant Pandas Report: 7-12. Chengdu Zoo, Chengdu.

Zhang A, Zhang Z (2000). A review of captive breeding success of giant panda in China. Panda 2000, Conservation Priorities for the New Millennium : abstract #78.

Zhang G, Swaisgood RR, Zhang H (2000). Management strategies for promoting natural mating in giant pandas. Panda 2000, Conservation Priorities for the New Millennium : abstract #79.

Zhang MJ, Hou R, Zhang AJ, Zhang ZH, He GX, Li GH, Wang JS, Li SC, Song YF, Fei LS, Chen HW (1998). In vitro maturation of follicular oocytes of the Giant Panda (*Ailuropoda melanoleuca*): a case report. Theriogenology 49: 1251-1255.

Zhang YP, Ryder OA (1994). Phylogenetic relationships of bears (the Ursidae) inferred from mitochondrial DNA sequences. Mol.Phylogenet.Evol. 3: 351-359.

Zhi L (2001). Giant Panda. In: The Encyclopedia of Mammals (Hrsg.: MacDonald D, Norris S), 82-83. Facts On File Inc.

Zhu X, Lindburg DG, Pan W, Forney KA, Wang D (2001). The reproduction strategy of giant pandas (*Ailuropoda melanoleuca*): infant growth and development and mother-infant relationships. J.Zool.Lond. 253: 141-155.

* Internetquellen liegen dem Autor als Ausdruck vor.