

## Reference list

- [Why a reference list?](#)
- [Publications in general](#)
- [Books](#)
- [Books for children](#)
- [Publications from the Foundation or information on research in one of the projects of the Foundation](#)

### Why do we offer a list with references on the Przewalski horse?

Here to fore, several articles and books have been published about the Przewalski horse. Unfortunately many references were either difficult to obtain or much information has never been published. Many people from all over the world asked us to inform them on publications about the Przewalski horse. We therefore include references in this site without pretending that it is complete.

## General list

Allen, J.L. 1992. Immobilization of Mongolian wild horses (*Equus przewalskii przewalskii*) with carfentanil and antagonism with naltrexone. *Journal of Zoo and Wildlife Medicine* 23:422-425.

Amos, N. 1987. The status and conservation of the British population of Przewalski's horse. M.S. Thesis, University College, London.

Anonymous. 1884. Przewalsky's wild horse. *Nature* 30:391-392.

Antonius, O. 1928. Beobachtungen an Einhufern *in* Schönbrunn II. Die mongolischen Wildpferde. - *Zool. Garten NF.* 1:87-94.

Antonius, O. 1935. Beobachtungen an Einhufern *in* Schönbrunn XIII. - *Zool. Garten NF.* 8:100-110.

Ashton, D.G. 1984. A survey of diseases of the Przewalski horse. *Equus (Berlin)* 2(2):179-188.

Ashton, D.G., and D.M. Jones 1979. Some diseases of the Przewalski horse. Pages 149-156 *in* de Boer, L.E.M., J. G. Bouman and I. Bouman (eds.). *Genectis and Hereditary Diseases of the Przewalski Horse*. Foundation for the Preservation and Protection of the Przewalski Horse, Rotterdam, The Netherlands.

Bader, H., S. Gremmes, H. Sieme, M. Paar, H.O. Hoppen, and K.P. Brandt. 1991. Subfertility in the male Przewalski horse. *Journal of Reproduction and Fertility, Supplement* 44:676-677.

Ballou, J.D. 1994. Population biology. *In*: Boyd, L. & K. A. Houpt (eds.): *Przewalski's Horse. The History and Biology of an Endangered Species.* - State University of New York Press: 93-113.

Bandi, N. 2000. Adaptation of takhi (*Equus przewalskii Poljakoff, 1881*) in Hustai National Park, Mongolia. *News Biosphere Reserve "ASKANIA NOVA": protection and preservation of rare species.* Pp 22-26.

Bannikow, A.G. 1954. Die Säugetiere der Mongolischen Volksrepublik. - Moskau (russ.).

Bannikov, A.G. 1958. Distribution géographique et biologie du cheval sauvage et du chameau de Mongolie (*Equus przewalskii* et *Camelus bactrianus*). *Mammalia* 22(1):152-160.

Bannikow, A.G. & W.D. Treus. 1967. Die Zucht des Przewalskipferdes in der Sowjetunion. - *Equus* 1, 2:246-251.

Bannikov, A.G., and N.W. Lobanov. 1980. Przewalski horse (in Russian). *Priroda* 3:100- 105.

Bell, J. 1763. A Journey from St. Petersburg to Peking (A Scottish Physician in the Service of Tsar

Alexander 1719-1722). - Reprint Edinburgh 1965.

Benirschke, K., N. Malouf, R.J. Low, and H. Heck. 1965. Chromosome complement: differences between *Equus caballus* and *Equus przewalskii*, Poliakoff. *Science* 148:382-383.

Berg, van den A. 1989. Het laatste wilde paard. R.H.L. te Dronten, (unpublished report) 1-26.

Berger, A. 1993. Untersuchungen zum Tagesrhythmus beim Przewalskipferd im Winter (*Equus przewalskii* POLJAKOV, 1881). Diplomarbeit Berlin, IZW/Humboldt-Univ.

Berger, A. 1999. Chronobiological investigations on Przewalski horse (*Equus ferus przewalskii*) and Red deer under quasi-natural conditions and possible approaches to chronobiological diagnosis of stress. PhD Dissertation Halle.

Bijnens, E. 1983. Gedragsstudie van het Przewalskipaard (*Equus przewalskii przewalskii* Poljakov 1881) in het domein Plankendael (Mechelen). Rijksuniversiteit te Gent, (unpublished report). 109 pp.

Blaak, H. 1992. Putting up electric fences in Mongolia. *Przewalski Horse* 29:5-9.

Boer, de L.E.M., J.G. Bouman, and I. Bouman. 1979. Genetics and Hereditary Diseases of the Przewalski Horse. Foundation for the Preservation and Protection of the Przewalski Horse, Rotterdam, The Netherlands. 176 pp.

Boerema, J. 1983. Het eetgedrag van paarden, onder semi - natuurlijke omstandigheden. R.H.L. te Groningen (unpublished report). 51 pp.

Boerema, J. 1984. Onderzoek naar Przewalski paarden op de "Noorderheide", R.H.L. te Groningen, 1-50.

Bökönyi, S. 1974. The Przewalski Horse. Souvenir Press, London. 140 pp.

Bos, H. 1999. Body condition scoring in free living Przewalski horses. *Vestnik zoologii. The Schmalhausen Institute of Zoology National Academy of Sciences of Ukraine.* 11:25-31

Bouman, J.G. 1977. The future of Przewalski horses in captivity. *International Yearbook* 17:62-68.

Bouman, J.G., and H. Bos. 1979. Two symptoms of inbreeding depression in Przewalski horses living in captivity. Pages 111-117 *in* de Boer, L.E.M., J.G. Bouman, and I. Bouman (eds.). Genetics and Hereditary Diseases of the Przewalski Horse. Foundation for the Preservation and Protection of the Przewalski Horse, Rotterdam, The Netherlands.

Bouman, J.G., and I. Bouman-Heinsdijk. 1979. The introduction of the Przewalski horse in the wild. Pages 165-168 *in* de Boer, L.E.M., J.G. Bouman, and I. Bouman (eds.). Genetics and Hereditary Diseases of the Przewalski Horse. Foundation for the Preservation and Protection of the Przewalski Horse, Rotterdam, The Netherlands.

Bouman, J.G. 1980. Eine Analyse der Stammbuch-Daten und einige Konklusionen hinsichtlich der zukünftigen Züchtung der Przewalskipferde in Gefangenschaft. *Equus (Berlin)* 2(1): 21-42.

Bouman, J.G. 1982. The history of breeding the Przewalski horse in captivity. Pages 17-64 *in* Bouman, J.G., I. Bouman, and A. Groeneveld (eds.). Breeding Przewalski Horses in Captivity for Release into the Wild. Foundation for the Preservation and Protection of the Przewalski Horse, Rotterdam, The Netherlands.

Bouman, J.G., I. Bouman, and A. Groeneveld. 1982. Breeding Przewalski Horses in Captivity for Release into the Wild. Foundation for the Preservation and Protection of the Przewalski Horse, Rotterdam, The Netherlands. 240 pp.

Bouman-Heinsdijk, I. 1982. Is re-introduction of Przewalski horses into the wild a realistic idea? Pages 177-220 *in* Bouman, J.G., I. Bouman, and A. Groeneveld (eds.). Breeding Przewalski Horses in Captivity for Release into the Wild. Foundation for the Preservation and Protection of the Przewalski Horse, Rotterdam, The Netherlands.

Bouman-Heinsdijk, I. 1982. Semi-reserves for the Przewalski horse as an intermediary step between captivity and reintroduction into the wild and an international stallion exchange strategy to reduce

inbreeding in captivity. Pages 221-229 in Bouman, J.G., I. Bouman, and A. Groeneveld (eds.). Breeding Przewalski Horses in Captivity for Release into the Wild. Foundation for the Preservation and Protection of the Przewalski Horse, Rotterdam, The Netherlands.

Bouman, I., and J.G. Bouman. 1989. Gefangenschaftszucht des Przewalski-Pferdes: Überleben der Przewalski-ähnlichen Abkömmlinge oder die Rettung des Pferdes? Pages 269-305 in Schneider, E., H. Oelke, and H. Grob (eds). Die Illusion der Arche Noah. Gefahren für die Arterhaltung durch Gefangenschaftszucht. Echo Verlag, Göttingen.

Bouman, I., and J.G. Bouman. 1990. Report on the semi-reserves project IUCN/WWF no. 3077. Proceedings of the 5th International Symposium on the Preservation of the Przewalski Horse. Zoologischer Garten Leipzig:184-190.

Bouman, I. and J.G. Bouman. 1994. The History of Przewalski's Horse. In Boyd, L. and K.A. Houpt (eds.) Przewalski's Horse, the History and Biology of an Endangered Species. SUNYSERIES. State University of N.Y. Press: 5-38.

Bouman, I. 1998. The reintroduction of Przewalski-horses in the Hustain Nuruu Mountain Forest Steppe Reserve in Mongolia, an integrated conservation development project. Mededelingen No. 32. Ned. Comm. Int. Natuurbescherming: 1-50.

Bouman, I. 1999. The reintroduction of Przewalski horses in the Hustain Nuruu National Park in Mongolia. Vestnik zoologii. The Schmalhausen Institute of Zoology National Academy of Sciences of Ukraine. 11:32-46

Bouman, I. 2000. The reintroduction of Przewalski Horse in the Hustain Nuruu mountain forest steppe reserve in Mongolia: an integrated conservation development project. Gazella. 27:27-52.

Bowling, A.T., and O.A. Ryder. 1987. Genetic studies of blood markers in Przewalski's horses. The Journal of Heredity 78:75-80.

Bowling, A.T.; Zimmermann, W; Ryder O.A. et al. 2000. Genetic variation in Przewalski's horses. News Biosphere Reserve "ASKANIA NOVA": protection and preservation of rare species. Pp 16-21.

Boyd, L. 1985. The advantages of bachelor herds to manage surplus males in Przewalski horses.

Boyd, L. 1986. Behavior problems of equids in zoos. Pages 653-664 in Crowell-Davis, S.L., and K.A. Houpt (eds.). Behavior. The Veterinary Clinics of North America: Equine Practice 2(3). W.B. Saunders Company, Philadelphia.

Boyd, L. 1988. The behavior of Przewalski's horses. Ph.D. Thesis, Cornell University, Ithaca, NY. 290 pp.

Boyd, L. 1988. Time budgets of adult Przewalski horses: effects of sex, reproductive status, and enclosure. Applied Animal Behaviour Science 21:19-39.

Boyd, L. 1988. Ontogeny of behavior in Przewalski horses. Applied Animal Behaviour Science 21:41-69.

Boyd, L. 1991. The behavior of Przewalski's horses and its importance to their management. Applied Animal Behaviour Science 29:301-318.

Boyd, L., and L. Kasman. 1986. The marking behavior of male Przewalski's horses. Pages 623-626 in Duvall, D., D. Müller-Schwarze, and R.M. Silverstein (eds.). Chemical Signals in Vertebrates 4. Plenum Press, New York.

Boyd, L.E., D.A. Carbonaro, and K.A. Houpt. 1988. The 24-hour time budget of Przewalski horses. Applied Animal Behaviour Science 21:5-17.

Boyd, L.E.; Kasman, L.H.; Lasley, B.L. Urinary estrone sulfate concentrations in Przewalski's horses and behavioral correlates. Vestnik zoologii. The Schmalhausen Institute of Zoology National Academy of Sciences of Ukraine. 11:47-53.

Boyd, L. and N. Bandi. 2002. Reintroduction of takhi, *Equus ferus przewalskii*, to Hustai National Park, Mongolia: time budget and synchrony of activity pre- and post-release. Applied Animal Behaviour Science. 78:87-102

- Brentjes, B. 1967. Einige Darstellungen des Przewalskipferdes aus Vorderasien und Kaukasien. *Equus* (Berlin) 1(2):285-291.
- Bubenik, A.B. 1961. Vierundzwanzigstunden-Rhythmus des Przewalski-Pferdes (*Equus przewalskii* Pol. 1881) während der Laktation und beginnender Brunst. *Equus* (Berlin) 1:122-140.
- Buisman, A.K., and R. van Weeren. 1982. Breeding and management of Przewalski horses in captivity. Pages 77-160 in Bouman, J.G., I. Bouman, and A. Groeneveld (eds.). *Breeding Przewalski Horses in Captivity for Release into the Wild*. Foundation for the Preservation and Protection of the Przewalski Horse, Rotterdam, The Netherlands.
- Conway, W.G. 1980. An overview of captive propagation. Pages 199-208 in Soule, M.E., and B.A. Wilcox (eds.). *Conservation Biology: An Evolutionary-Ecological Perspective*. Sinauer, Sunderland, MA.
- Dathe, H. 1984. Conclusions and Recommendations. 4th International Symposium on the Preservation of the Przewalski Horse. *Equus* (Berlin) 2(2):246-247.
- Dathe, H., and A. Wünschmann. 1980. Einführung. *Equus* (Berlin) 2(1):5-7.
- Dierendonck, M.C. and M.F. Wallis de Vries. 1996. Ungulate Reintroductions: Experiences with the Takhi or Przewalski Horse (*Equus ferus przewalskii*) in Mongolia. Paper submitted August 22, 1994; revised manuscript accepted June 26, 1995. *Conservation Biology*, Vol 10. No.3, June 1996, pp 728-740.
- Dierendonck, M.C. and N. Bandi, D. Batdorj, S. Dügerlham, B. Munkhtsog. 1996. Behavioural observations of reintroduced Takhi or Przewalski horses (*Equus ferus przewalskii*) in Mongolia. Accepted 9 May 1996. *Applied Animal Behaviour Science* 50:pp 95 - 114.
- Dijkstra, S. 1984. Chromosomen onderzoek aan 15 Przewalski paarden, Vakgroep Funktionele Morfologie van de fakulteit Diergeneeskunde, Utrecht, 1-22.
- Dobroruka, L.J. 1961. Eine Verhaltensstudie des Przewalski-Urwild-pferdes (*Equus przewalskii* Poliakov 1881) in dem Zoologischen Garten Prag. *Equus* (Berlin) 1:89-104.
- Dolan, J.M. 1982. Przewalski's horse, *Equus przewalskii*, Poliakov, 1881, in the United States prior to 1940 and its influence on the present breeding. *Zoologische Garten* 52:49-65.
- Dovchin, N. 1961. The Przewalski horse in Mongolia. *Equus* (Berlin) 1:22-27 (translated from Russian by E. Geldermans).
- Dube, A. 1994. Zur Geschichte, Biologie und Wiederauswilderung von *Equus przewalskii* Poljakov und Beobachtungen an einer Gruppe von Przewalskistuten im Semireservat Schorfheide. Belegarbeit Humboldt-Universität Berlin/IZW Berlin.
- Dubrovskaya, R.M., I.M. Starodumov, and V.V. Klimov. 1982a. Hereditary polymorphism in proteins, ferments and blood groups of Przewalski's horses in Askania Nova reserve (in Russian). *Proceedings of the 3rd Congress of the All-Union Theriological Society* 34:Mammals I.
- Dubrovskaya, R.M., I.M. Starodumov, and V.V. Klimov. 1982b. Hereditary polymorphism in proteins, ferments and blood groups of Przewalski's horses in the USSR (in Russian). *Proceedings of the 4th Congress of the All-Union Society of Geneticists and Selectionists* 4:192.
- Enkhee, D. and N. Bandi. 1999. Takh food preferences in Khustai National Park, Mongolia. In press. 9 pp.
- Ewart, J.C. 1907. On a hybrid between Prejevalsky's horse (*Equus prejevalsky*) and highland pony. *Nature*, London 76:407.
- Feh, C. 1988. Social behaviour and relationships of Przewalski horses in Dutch semi-reserves. *Applied Animal Behaviour Science* 21:71-87.
- Fisher, R.A., W. Putt, A.M. Scott, C.M. Hawkey, P.D. Butcher, D.G. Ashton, and P. Bircher. 1979. Gene markers in 40 Przewalski horses. *International Zoo Yearbook* 19:228-235.
- Food and Agricultural Organization of the United Nations (FAO). 1986 *The Przewalski horse and*

restoration to its natural habitat in Mongolia. Animal production and health paper 61, FAO, Rome.

Frechkop, S. 1957. Le Cheval de Prjewalski. Zoo Antwerpen 23: 48-55,5 Abb.

Frechkop, S. 1964. Remarques concernant l'histoire et la genétique du cheval. Inst. Royal d. Sc. nat. de Belgique XL, 13:13-33.

Frechkop, S. 1965. La spécificité du cheval de Prjewalsky. Bulletin de l'Institut royale des Sciences naturelles de Belgique 41, no. 29, 17 pp.

Frechkop, S. 1967. Einige Schädelmerkmale des Urwildpferdes. Equus 1,2: 292-294.

Garutt, V.E.W., I.I. Sokolov, and T.N. Salesskaja. 1965. Erforschung und Zucht des Przewalski-Pferdes (*Equus przewalskii* Poljakoff) in der Sowjetunion. Zeitschrift für Tierzucht und Züchtungsbiologie 82(4):377-426.

Geyer, C.J., and E.A. Thompson. 1988. Gene survival in the Asian wild horse (*Equus przewalskii*):I. Dependence of gene survival in the Calgary breeding group pedigree. Zoo Biology 7:313-327.

Geyer, C.J., E.A. Thompson, and O.A. Ryder. 1989. Gene survival in the Asian wild horse (*Equus przewalskii*):II. Gene survival in the whole population, in subgroups, and through history. Zoo Biology 8:313-329.

Giessen, van der S. 1996. The application of IUCN Guidelines to the Re-introduction of the Przewalski Horse. University Amsterdam. Unpublished report: 1-41

Gorgas, M. 1966. Betrachtung zur Hirnschädelkapazität zentralasiatischer Wildsäugetiere und ihrer Haustierformen. Zoologischer Anzeiger 176: 227-235.

Greif, A. 1989. Beobachtungen an Przewalski pferden (*Equus ferus przewalskii*) im Hinblick auf ihren Hauspferdanteil. Diplomarbeit im Fachbereich Biologie der Johannes - Gutenberg- Universität Mainz (unpublished report). 187 pp.

Grevé, C. 1901. *Equus przewalskii* Poljakow im Moskauer Zoologischen Garten und einige Bemerkungen über das wilde Pferd überhaupt. Zool. Garten 42: 275-282, 1 Abb.

Gromann, C. 2000. Vergleichende Untersuchungen zu zirkadianen und ultradianen Rhythmen bei Haus- und Wildpferde. Diplomarbeit M. Luther Universität Halle/IZW Berlin.

Groves, C.P. 1974. Horses, Asses and Zebras in the Wild. Ralph Curtis Books, Hollywood, Florida. 192 pp.

Groves, C.P., and D.P. Willoughby. 1981. Studies on the taxonomy and phylogeny of the genus *Equus*. I: Subgeneric classification of the recent species. Mammalia 45:321-354.

Groves, C.P. 1986. The taxonomy, distribution and adaptations of recent equids. Pages 11-65 in Meadow, R.H., and H.P. Uerpmann (eds.). Equids in the Ancient World. Dr. Ludwig Reichert Verlag, Wiesbaden. 421 pp.

Gruenerwald, W. 1982. A Computer Analysis of Studbook Data for the Przewalski Horse (*Equus przewalskii*). Canyon Colorado Equid Sanctuary, Wagon Mound, New Mexico. 432 pp.

Gruenerwald, W. 1985. A Computer Analysis of Studbook Data for the Przewalski Horse (*Equus przewalskii*). Supplement I 1982-1983. Canyon Colorado Equid Sanctuary, Wagon Mound, New Mexico. 140 pp.

Grum-Grzhimailo, G.E. 1892. The wild horse (*Equus przewalskii*). From the diary of a travel to China in 1889-1890 (translated by Aleinikov, P.). Niva 17.

Guodong, L. 1996. Track Down Origin of the Pedigree for the Xinjiang's Przewalskii Horse. China Meteorological Press. Beijing, 90 p.

Hagenbeck, C. 1926. Auf Tierfang-Pfaden in der Mongolei. Carl Hagenbeck's illustrierte Tier und Menschenwelt. Jahrgang I, Heft 3:49-54.

- Hagenbeck, C. 1926. Auf Tierfang in der Mongolei. (Aus: Von Tieren und Menschen). Leipzig.
- Heck, H. 1934. Urwildpferde. Das Tier und Wir, Nr. 7: 1-7.
- Heck, H. 1967. Die Merkmale des Przewalskipferdes. *Equus* (Berlin) 1:295-301.
- Hegel, von G., H. Weisner, and T. Hänichen. 1990. Proceedings of the 5th International Symposium on the Preservation of the Przewalski horse. *Zoologischer Garten Leipzig*:263-268.
- Heiss, L. 1970. *Askania Nova, Animal Paradise in Russia*. The Bodley Head, London. 175 pp.
- Herre, V.W. 1961. Grundsätzliches zur Systematik des Pferdes. *Zeitschrift für Tierzucht und Züchtungsbiologie* 75(1):57-78.
- Herre, W. 1967. Gedanken zur Erhaltung des Wildpferdes, *Equus przewalskii* Poljakow 1881. *Equus* (Berlin) 1(1):304-325.
- Hogan, E.S., K.A. Houpt, and K. Sweeney. 1988. The effect of enclosure size on social interactions and daily activity patterns of the captive Asiatic wild horse (*Equus przewalskii*). *Applied Animal Behaviour Science* 21:147-168.
- Hovens J.P.M.; Tungalaktuja , K.H.; Todgeril , T.I Batdorj D. 2000. The impact of wolves *canis lupus*(L., 1758) on wild ungulates and nomadic livestock in and around the Hustain Nuruu steppe reserve (Mongolia). *Lutra* 43:39-50
- Hutson, A.D. 1975. Aspects of the social behaviour of Przewalski's horse. Department of Biological Science, Portsmouth Polytechnic, Portsmouth, U.K. 57 pp.
- IUCN, 1987. Position statement on translocations of living organisms. International Union for Conservation of Nature and Natural Resources, Gland, Switzerland.
- Jun, Z., Y. Hui, and M.C. De. 1990. Przewalski's horse breeding report (1987-1990). *Chinese Wildlife* 90(6): (in Chinese).
- Kalz, B. 1994. Untersuchungen zum Feindvermeidungsverhalten unter Berücksichtigung des Sozialverhaltens von zoogenborenen Przewalskipferde im Semireservat Schorfheide. Diplomarbeit Berlin, IZW/Humboldt-Univ.
- Kaszab, Z. 1968. Entgegnung auf die Bemerkungen von Jiri Volf bezüglich: "New Sighting of Przewalski horses?" *Zeitschrift für Säugetierkunde* 33:62-63.
- Keiper, R.R. 1988. Social interactions of the Przewalski horse (*Equus przewalskii* Poliakov, 1881) herd at the Munich Zoo. *Applied Animal Behaviour Science* 21:89-97
- Keiper, R.R. 1989. Social behavior of captive and free-ranging Przewalski horses. *In: Abstracts of the 21st Int. Ethological Conf. Utrecht*, 93.
- Keiper, R.R. 1990. Social interactions of free-ranging Przewalski horses in semi-reserves. *Proceedings of the 5th International Symposium on the Preservation of the Przewalski Horse. Zoologischer Garten Leipzig*: 176-183.
- Keiper, R.R., and H. Receveur. 1992. Social interactions of free-ranging Przewalski horses in semi-reserves in The Netherlands. *Applied Animal Behaviour Science* 33: 303-318.
- Keverling-Buisman, A. and R. van Weeren. 1978. Een gedragsstudie van *Equus Przewalskii*, Burgers Dierenpark, Arnhem. 37 pp.
- Keverling Buisman, A., and R. van Weeren. 1982. Breeding and management of Przewalski horses in captivity. Pages 77-160 *in* Bouman, J.G., I. Bouman, and A. Groeneveld (eds.). *Breeding Przewalski Horses in Captivity for Release in the Wild*. Foundation for the Preservation and Protection of the Przewalski Horse, Rotterdam, The Netherlands.
- King, S.R.B. 1996. The social behaviour and behavioural ecology of a bachelor group of Przewalski horses under free - ranging conditions. B.S.C. degree final year, Zoology Project, University of London

(unpublished report). 44 pp

King, S.R.B. 2002. Home range and habitat use of free-ranging Przewalski horses at Hustai National Park, Mongolia. *Applied Animal Behaviour Science* 78:101-113

Klimov, V.V. 1988. Spatial-ethological organization of the herd of Przewalski horses (*Equus przewalskii*) in Askania-Nova. *Applied Animal Behaviour Science* 21:99-115.

Knowles, J.H. 1980. History of the Marwell Zoological Park's herd of Przewalski horses. *Equus* (Berlin) 2:73-78.

Knowles J. and S. Wakefield. 1992. Zebras, asses and horses. An action plan for the conservation of wild equids. World Conservation Union/SSC Equid Specialist Group, Gland, Switzerland Duncan (ed.):1-36.

Kolter, L. 1986. Soziale Beziehungen zwischen den Przewalski pferden (*Equus p. przewalskii*) im Kölner Zoo. *Zeitschrift des Kölner Zoo* 4(29): 193-201.

Kolter, L. and W. Zimmermann. 1988. Social behaviour of Przewalski horses (*Equus p. przewalskii*) in the Cologne Zoo and its consequences for management and housing. *Applied Animal Behaviour Science* 21: 117-145.

Kuttner, C., and H. Wiesner. 1987. Changes in blood values of Przewalski horses (*Equus przewalskii przewalskii*) and zebras (*Equus zebra hartmannae*) during chemical immobilization. *Journal of Zoo Animal Medicine* 18:144-147.

Leboucher, A. 1992. Behavioural study of the Przewalski stallions living in the semi-reserve of the Goudplaat, The Netherlands. Towards reintroduction: which stallion is behaviourally fitted for survival in Mongolia? Unpublished report. 163 pp.

Lenstra, G. 1993. Gedrag van Przewalski paarden in semi - reservaat " De Ooy". Vakgroep Veehouderij, Sectie Ethologie Landbouwuniversiteit Wageningen (unpublished report). 88 pp.

Lewtas, P.N. 1973. Aspects of social behaviour of Mongolian wild horses. Department of Biological Sciences, Portsmouth Polytechnic, Portsmouth, U.K. 42 pp. (unpubl).

Lichtenstein, R. 1980. Vergleichende untersuchen zur gruppen struktur von wildeguiden. Lizentiatsarbeit - Zoologisches Institut der Universität Bern, Ethologische Station Hasli (unpublished report). 97 pp.

Liefbroer, P. 1982. Een onderzoek naar de groepsstructuur van 3 groepen Przewalski paarden. R.H.L. te Leeuwarden (unpublished report). 64 pp.

Liu, S.K., E.P. Dolensek, C.R. Adams, and J.P. Tappe. 1983. Myelopathy and vitamin E deficiency in six Mongolian wild horses. *Journal of the American Veterinary Medical Association* 183:1266-1268.

MacClintock, D. 1982. Where have all the horses gone? *Animal Kingdom* 85(5):26-31.

Mackler, S.F., and J.M. Dolan, Jr. 1980. Social structure and herd behavior of *Equus przewalskii* Poliakov, 1881 at the San Diego Wild Animal Park. *Equus* (Berlin) 2(1):55-69.

MACNE 1996. Proceedings of the National Mongolian Takhi Conference. Tserendeleg, J. (ed.) Ulaanbaatar. (summaries papers in English). 1-104

Martens, M. 1980. Vergleichende untersuchungen zur sozialen organisation einer Przewalski - jungtier gruppe. Diplomarbeit - Universität Bonn (unpublished report) - 91 pp.

Matschie, P. 1903. Giebt es in Mittelasien mehrere Arten von echten Wildpferden? *Naturwissenschaftliche Wochenschrift* 18:581-583.

Matthews, J.G., and J.D.A. Delhanty. 1979. Chromosome tudies in Przewalskis horses, (*Equus przewalskii*). Pages 71-83 in de Boer, L.E.M., J.G. Bouman, and I. Bouman, (eds.). *Genetics and Hereditary Diseases of the Przewalski Horse*. Foundation for the Preservation and Protection of the Przewalski Horse. Rotterdam, The Netherlands.

Mazák, V. 1961. Die Hautpflege bei dem Przewalski-Urwildpferd (*Equus przewalskii przewalskii*

Poliakov). *Equus* (Berlin) 1:105-121.

Mazák, V. 1962. Haarwechsel und Haarwuchs bei Przewalski-Pferd und Onager im Prager Zoologischen Garten während der Jahre 1958-1960. *Vestník Československi Spolecnosti Zoologicke* 26:271-286.

Mazák, V. 1966. "Bars" - hřebec kone Przewalského, *Equus przewalskii* Poliakov, 1881, v zoologické zahrade v Praze. *Lynx, new series*, 7:23-28.

Mazák, V., and L.J. Dobroruka. 1967. Rekonstruktion des Przewalski-pferdes, eine Grundlage für die negative Selektion in der Prager Urwildpferde-Zucht. *Equus* (Berlin) 1:329-349.

Mohr, E. 1959. Das Urwildpferd. A. Ziemsen Verlag, Wittenberg Lutherstadt. 144 pp.

Mohr, E. 1967. Bemerkungen zum Erscheinungsbild von *Equus przewalskii* Poljakoff, 1881. *Equus* 1, 2:350-396.

Mohr, E. 1971. The Asiatic Wild Horse. J.A. Allen & Co. Ltd., London. 124 pp.

Mohr, E., and J. Volf. 1984. Das Urwildpferd, *Equus przewalskii*. A. Ziemsen Verlag, Wittenberg, Lutherstadt. 128 pp.

Monfort, S.L., N.P. Arthur, and D.E. Wildt. 1991. Monitoring ovarian function and pregnancy by evaluating excretion of urinary oestrogen conjugates in semi-free-ranging Przewalski's horses (*Equus przewalskii*). *Journal of Reproduction and Fertility* 91:155-164.

Monfort, S.L. and N.P.Arthur, Wildt, D.E. 1994. Reproduction in the Przewalski's Horse in Boyd, L. and K.A. Houpt (eds.) Przewalski's Horse, the History and Biology of an Endangered Species SUNY SERIES. State University of N.Y., Press: 173-193.

Montagu, I. 1965. Communication on the current survival in Mongolia of the wild horse (*Equus przewalskii*), wild camel (*Camelus bactrianus ferus*) and wild ass (*Equus hemionus*). *Proc. Zool. Soc. London* 144:425-428.

Montagu, I. 1968. Przewalski Horses in the Wild. *Oryx* 9, 4, 5: 260-262.

Noack, T. 1903. Zur Entwicklung von *Equus przewalskii*. *Zoologischer Anzeiger* 26:370-373.

Nobis, G. 1955. Beiträge zur Abstammung und Domestikation des Hauspferdes. *Zeitschrift für Tierzüchtung und Züchtungsbiologie* 64(3):201-246.

Nobis, G. 1971. Vom Wildpferd zum Hauspferd. *Fundamenta*, ser. b, 6. Böhlau Verlag Köln Wien. 96 pp.

Oosterhuis, J.E. 1979. Immobilization of nondomestic equidae at the San Diego Wild Animal Park (1975-1979). Pages 118-119 in *Proceedings of the American Association of Zoo Veterinarians*.

Oswald, C. 1992. Wiederinbürgerung des Urwildpferdes in China und der Mongolei. Christian Oswald Stiftung, Oberlauring 5, D-8017 Ebersberg, Germany.

Paklina, N., M.K. Pozdnyakova. 1989. Why the Przewalski horses of Mongolia died out. *Przewalski Horse* 24:30-34.

Parvulescu, V. 1929. La famille de Chevaux sauvage du Jardin des Plantes de Paris. *Bull. Mus. Hist. nat. Paris* (2) 1: 298-303

Pereladova, O.B.; Sempéré, A.J; Soldatova, N.V. et al; 1999. Przewalski's horse - adaptation to semi-wild life in desert conditions. *Oryx* 33(1):47-58

Podliachouk, L., and M. Kaminski. 1971. Comparative investigations of Equidae. A study of blood groups and serum proteins in a sample of *Equus przewalskii* Poliakov. *Anim. Blood Grps biochem. Genet.* 2:239-242.

Poliakov, I.S. 1881. Przewalski's horse (*Equus przewalskii* n. sp.). *Isvestia Russki Geographicheski obsch-va, St. Petersburg* 17:1-20.

- Przewalski, N.M. 1880. Die Wiederentdeckung des Steppen-Urwildpferdes. Das Tier und Wir, 1934, Nr. 7:9-10.
- Przewalski, N. 1884. Reisen in Tibet und am oberen Lauf des Gelben Flusses in den Jahren 1879 bis 1880. Stein Nordheim, Jena. 269 pp.
- Putt, W., and R.A. Fisher. 1979. An investigation of some 36 genetically determined enzyme and protein markers in Przewalski and domestic horses. Pages 21-32 *in* de Boer, L.E.M., J.G. Bouman, and I. Bouman (eds.). Genetics and Hereditary Diseases of the Przewalski horse. Foundation for the Preservation and Protection of the Przewalski Horse, Rotterdam, The Netherlands.
- Redman, P. 1996. A study of the eliminatory and marking behaviour of a bachelor group of Przewalski horses under free-ranging conditions. Hons. project, Department of Biology University of Southampton. (unpublished report).
- Reindl, N.J., and R.L. Tilson. 1985. Bachelor herds and stallion depots (videotape). Minnesota Zoological Garden, Apple Valley, 20 min.
- Reindl, N.J. 1985. Bachelor herds and stallion depots: a new approach to an old problem. Pages 530-537 *in* Proceedings of the American Association of Zoological Parks and Aquariums Annual Conference.
- Roddis, N.J. 1996. A dissertation presented in partial fulfilment of requirements for the degree of Magister in Scientia in Ecology of the University of Wales (unpublished report). 68 pp.
- Ryder, O.A., N.C. Epel, and K. Benirschke. 1978. Chromosome banding studies of the equidae. *Cytogenetics and Cell Genetics* 20:323-350.
- Ryder, O.A., A. Trommershausen-Smith, S.K. Hansen, Y. Suzuki, M.C. Sparkes, R.S. Sparkes, J.B. Clegg, J.E. Oosterhuis, L.S. Nelson, P.T. Robinson, J.E. Meier, and K. Benirschke. 1979. Genetic variation in Przewalski's horses, *Equus przewalskii*, of the Munich line in the United States. Pages 41-60 *in* de Boer, L.E.M., J.G. Bouman, and I. Bouman (eds.). Genetics and Hereditary Diseases of the Przewalski Horse. Foundation for the Preservation and Protection of the Przewalski Horse. Rotterdam, The Netherlands.
- Ryder, O.A., and S.K. Hansen. 1979. Molecular cytogenetics of the equidae. I. Purification and cytological localization of a (G+C)-rich satellite DNA from *Equus przewalskii*. *Chromosoma* 72:115-129.
- Ryder, O.A., P.C. Brisbin, A.T. Bowling, and E.A. Wedemeyer. 1981. Monitoring genetic variation in endangered species. Pages 417-424 *in* Scudder, N.G.K., and J.L. Reveal (eds.). Evolution Today. Proceedings of the Second International Congress of Systematic and Evolutionary Biology.
- Ryder, O.A., R.A. Fisher, W. Putt, and D. Whitehouse. 1982. Genetic differences among subgroups of a captive-bred endangered species: The case of the Mongolian wild horse, *Equus przewalskii*. Pages 91-102 *in* Proceedings of the American Association of Zoological Parks and Aquariums Annual Conference.
- Ryder, O.A., and E.A. Wedemeyer. 1982. A cooperative breeding program for the Mongolian wild horse, *Equus przewalskii*, in the United States. *Biological Conservation* 22:259-271.
- Ryder, O.A., A.T. Bowling, P.C. Brisbin, P.M. Carroll I.K. Gadi, S.K. Hansen, and E.A. Wedemeyer. 1984. Genetics of *Equus przewalskii* Poliakov, 1881: analysis of genetic variability in breeding lines, comparison of equid DNAs, and a brief description of a cooperative breeding program in North America. *Equus* (Berlin) 2 (2):207-227.
- Ryder, O.A., and R. Massena. 1988. A case of male infanticide in *Equus przewalskii*. *Applied Animal Behaviour Science* 21:187-190.
- Ryder, O.A. 1988. Przewalski's horse - putting the wild horse back in the wild. *Oryx* 22:154-157.
- Ryder, O.A., J. Ballou, J.M. Dolan, T.J. Foose, N.J. Reindl, E.A. Thompson, and C.M. Wemmer. 1989. Asian Wild Horse Species Survival Plan: Masterplan 1989. Zoological Society of San Diego, San Diego, CA. 69 pp.
- Ryder, O.A. 1991. Putting the wild horse back in the wild. Proceeding of the 5th International Symposium on the Preservation of the Przewalski Horse. Zoologischer Garten Leipzig: 328-331.

- Ryder, O.A. 1991. Goals of Przewalski's horse breeding. Proceedings of the 5th International Symposium on the Preservation of the Przewalski Horse. Zoologischer Garten Leipzig: 105-106.
- Ryder, O.A. 1993. Przewalski's horse: prospects for reintroduction into the wild. Conservation Biology 7(1):13-15.
- Ryder, O.A. 1994. Genetic Studies of Przewalski's Horses and their Impact on Conservation in Boyd, L. and K.A. Houpt (eds.), Przewalski's Horse, the History and Biology of an Endangered species. SUNY SERIES. State University of N.Y. Press: 75-92
- Sándor, I, and Zimmermann, W. 2000. Przewalski's horses in the National Park Hortobágy. Gazella 27:53-64
- Salensky, W. 1902. Wissenschaftliche Resultate der von N.M. Przewalski nach Central-Asien unternommenen Reisen. Kaiserlichen Akademie der Wissenschaften, Zoologischer Theil (St. Petersburg) 1(2):1-74.
- Salensky, W. 1902. *Equus przewalskii* Pol. Petersburg. Wiss. Result. der von M.N. Przewalski nach Central-Asien unternommenen Reisen. Kais. Ak. Wiss., Zool. Theil 1, Abt. 2:1-74.
- Salensky, W. 1907. Przewalski's Horse (*Equus przewalskii*, Pol.). Hurst and Blockett, Ltd., London.
- Sauerland, M. 1991. Przewalski Pferde im Semi-Reservat: Ethologische Studien unter besonderer Berücksichtigung der Einbindung des Hengstes in die soziale Organisation des Familienverbandes. Diplomarbeit für das Fachbereich Biologie Westfälische Wilhelms-Universität Münster. 122 pp.
- Scheibe, K. 1994. Der Fahrtenschreiber für Pferde. Institut für Zoo - und Wildtierforschung Berlin. Das Zugpferd 5 : 21 - 24.
- Scheibe, K.M.; Eichhorn, K.; Kalz, B. et al. 1998. Water consumption and watering behaviour of Przewalski horses (*Equus ferus przewalskii*) in a semireserve. Zoo Biology 17:181-192.
- Scheibe, K.; Berger, A. et al. 2000 Research on Przewalski horses in the semi-reserve Schorfheide. News Biosphere Reserve "ASKANIA NOVA": protection and preservation of rare species. Pp 31-39.
- Schepper, de G.G. and de France, H.F. 1979. Chromosome Analysis of the Mongolian domestic horse. A preliminary report, Rotterdam. The Foundation for the Preservation and Protection of the Przewalski Horse, 85-86
- Schirnecker, B. 1921. *Equus przewalskii* Poljakoff, seine Geschichte und Einführung in Deutschland unter besonderer Berücksichtigung der Versuche am Tierzucht-Institut Halle. Dissertation Halle (Saale).
- Schubert, M. 1984. Beobachtungen über das Sozialverhalten der Przewalskipferde (*Equus przewalskii*) im Nürnberger Tiergarten. Facharbeit Universität Nürnberg (unpublished report). 40 pp.
- Schwarzenberger, F., E. Mostl, E. Bamberg, and G. von Hegel. 1992. Monitoring of corpus luteum function by measuring progesterone in faeces on non-pregnant mares (*Equus caballus*) and Przewalski mares (*Equus przewalskii*). Animal Reproductive Science 29:263-273.
- Sclater, P.L. 1901. (*Equus przewalskii* in Woburn). Proc. Zool. Soc. London 2:505.
- Scott, A.M. 1979. Red-cell groups and serum types in the Przewalski horse (*Equus przewalskii*). Pages 33-40 in de Boer, L.E.M., J.G. Bouman, and I. Bouman (eds.). Genetics and Hereditary Diseases of the Przewalski Horse. Foundation for the Preservation and Protection of the Przewalski Horse. Rotterdam, The Netherlands.
- Seal, U.S., T. Foote, R.C. Lacy, W. Zimmermann, O. Ryder, and F. Princee. 1990. Przewalski's horse, *Equus przewalskii*, Global Conservation Plan Draft. Captive Breeding Specialist Group. SSC/IUCN, Apple Valley, MN 230 pp.
- Short, R.V., A.C. Chandley, R.C. Jones, and W.R. Allen. 1974. Meiosis in interspecific equine hybrids. II. The Przewalski horse/domestic horse hybrid (*Equus przewalskii* X *E. caballus*). Cytogenetics and Cell Genetics 13:465-478.

- Sieling, C. 1998. Vergleichende Untersuchungen zur Auswirkung von Pferdebeweidung auf die Vegetation an Beispiel von drei Przewalskiherden in der Schorfheide und der Uckermark in Brandenburg. Diplomarbeit Westfälische Wilhelmsuniversität Münster/ IZW Berlin.
- Skiff, E.M. 1980. The effects of crowding on the social relationships and behaviour of the Przewalski horse (*Equus przewalskii*).
- Sokolov, V., N. Paklina, G. Amarsanaa, M. Pozdnjakova, and E. Rachkovskaja, 1990. Das letzte Przewalskipferdeareal und seine geobotanische Charakteristik. Proceedings of the 5th International Symposium on the Preservation of the Przewalski Horse. Zoologischer Garten, Leipzig: 213-218.
- Spöttel, W. 1926. *Equus przewalskii* Polj., 1881 mit besonderer Berücksichtigung der im Tierzuchtinstitut der Universität Halle gehaltenen Tiere. Kühn Archiv - Verlagsbuchhandlung. Paul Parey, Berlin. 137 pp. 11:89-137.
- Stanley Price, M. General aspects of Reintroduction. Proceedings of the 5th International Symposium on the Preservation of the Przewalski Horse. Zoologischer Garten Leipzig: 169-173.
- Stecher, R.M. 1961. The Przewalski horse: Notes on variations in the lumbo sacral spine. *Equus* (Berlin) 1:191-196.
- Summers, P.M., A.M. Shephard, J.K. Hodges, J. Kydd, M.S. Boyle, and W.R. Allen. 1987. Successful transfer of the embryos of Przewalski's horses (*Equus przewalskii*) and Grant's zebra (*E. burchelli*) to domestic mares (*E. caballus*). *Journal of Reproduction and Fertility, Supplement* 80:13-20.
- Tan, B. 1981. Wild horses found in northern China. *International Zoo News* 170, 28(1):16-17.
- Tichomirow, A. 1902. Zur näheren Kenntnis des *Equus przewalskii*. *Zool. Anz.* 25: 344-349.
- Tilson, R.L., K.A. Sweeny, G.A. Binczik, and N.J. Reindl. 1988. Buddies and bullies: Social structure of a bachelor group of Przewalski horses. *Applied Animal Behaviour Science* 21:169-185.
- Tong, B.D., and O.A. Ryder. 1983. Restriction mapping of the ribosomal genes of the family Equidae. *Journal of Cell Biology* 97:382a.
- Tong, E.H. 1954. Report from Whipsnade. *Zoo Life* 9:58-59.
- Trommershausen-Smith, A., Y. Suzuki, C. Stormont, K. Benirschke, and O.A. Ryder. 1980. Blood type markers in five Przewalski's horses. *Equus* (Berlin) 2:52-54.
- Tserendeleg, J. 1999. Takhi reintroduction in Hustai National Park, Mongolia: -integration into national and local context. *Vestnik zoologii. The Schmalhausen Institute of Zoology National Academy of Sciences of Ukraine.* 11:213
- Tserendeleg, Ja. 2000. Coherence of takhi reintroduction with the internal and external factors (Example of Mongolian Hustai National Park). *News Biosphere Reserve "ASKANIA NOVA": protection and preservation of rare species.* Pp 27-39.
- Veselovsky, Z., and J. Volf. 1965. Breeding and care of rare asian equids at Prague Zoo. *International Zoo Yearbook* 5:28-37.
- Volf, J. 1958. Pour le sauvetage des chevaux de Przewalski (*Equus przewalskii* Poljakoff, 1881). *Mammalia* 22:598-600.
- Volf, J. 1960-1990. Pedigree Book of the Przewalski horses. Zoological Garden Prague, Czechoslovakia, published annually.
- Volf, J. 1965. Liste der Reste des Przewalskipferdes, *Equus przewalskii* Polj., 1881. *Z. Säugetierk.* 30:297-305.
- Volf, J. 1967. New sighting of Przewalski horses? *Zeitschrift für Säugetierkunde* 32:245-246.
- Volf, J. 1970. Der Einfluss der Domestikation auf die Formentwicklung des Unterkiefers beim Pferd. *Equus* (Berlin) 1(2):401-406.

- Volf, J. 1974. Die Färbung des Przewalski-Wildpferdes (*Equus przewalskii* Poljakov 1881) und ihre Variabilität. Zoologische Garten, Neue Folge 44:64-73.
- Volf, J. 1975. Breeding of Przewalski Wild Horses. Pages 263-270 in Martin, R.D. (ed.). Breeding Endangered Species in Captivity. Academic Press, London.
- Volf, J., and O. Chagdarsouren. 1975. Nouvelles données sur le cheval de Przewalski (*Equus przewalskii* Polj. 1881) en captivité et dans la nature. Mammalia 39 (1):31-37.
- Volf, J. 1980. General Pedigree Book of the Przewalski Horse. Zoological Garden Prague, Czechoslovakia.
- Volf, J., and O. Chagdarsouren. 1984. Spricht die Hängemähne bei Przewalskipferden (*Equus przewalskii* Polj., 1881) gegen Reinblütigkeit? Zool. Garten 54: 339-348.
- Volf, J. 1989. Die "wilde" oder gezielte Aufzucht von Przewalskipferden (*Equus przewalskii* Polj., 1881)? Zoologische Gärten 59(5/6):402-410.
- Volf, J., E. Kus, and L. Prokopová. 1991. General Studbook of the Przewalski Horse. Zoological Garden Prague, Prague, Czechoslovakia.
- Volf, J. in cooperation with E. Kus. 1996. Das Urwildpferd: *Equus przewalskii*. 4e überarb. Aufl. Die Neue Brehm-Bücherei; Band 249. Westarp Wissenschaften, Magdeburg, 1996. Spektrum Akademischer Verlag, Heidelberg Berlin Oxford, pp. 5-147.
- Wakefield, S. 1993. The social behaviour and behavioural ecology of a bachelor group of Przewalski horses (*Equus przewalskii*) under free-ranging conditions in a semi-reserve, Hampshire U.K. (unpublished report). 13 pp.
- Wallis de Vries, M.F. and N. Manibazar, Dügerlham, S. 1996. The vegetation of the forest-steppe region of Hustain Nuruu, Mongolia Vegetatio 122:111-127
- Weber, S. 1996. Vergleichende Studien zum Feindvermeidungsverhalten und Aktivitätsrhythmik von Equiden unter Berücksichtigung ihrer Stammform (an zoogebohrenen Wildpferden und Hauspferden). Diplomarbeit J.W. Goethe Univ. Frankfurt/M. /IZW Berlin
- Weeks, M. 1977. The Last Wild Horse. Houghton Mifflin, Boston. 144 pp.
- Wit, P. and Vegter, J.K. 1998. Landscape - Human interactions in the Hustain Nuruu, Mountain Steppe Reserve, Mongolia. In: Cultural Landscapes and Nature Conservation in Northern Eurasia (ed. Dömpke, S.; Succow, M.). Proceedings of the Wörlitz Symposium, March 20-23, 1998. Pp 248-257.
- Woodfine, T. 1996. The influence of the nutritional quality of vegetation on the habitat use of free-ranging Przewalski's horses. Bsc. Hons. Environmental Protection (unpublished report). 69 pp.
- Yasinetskaya, N.I.. 1999. Variability of hair coat in the Przewalskii horse. Vestnik zoologii. The Schmalhausen Institute of Zoology National Academy of Sciences of Ukraine. 11:234-240.
- Zevegmid, D. 1959. Protection of the very rare animals of world's fauna. Priroda Moskva 5:52-53 (in Russian).
- Zevegmid, D., and N. Dawaa. 1973. Die seltenen Großsäuger der Mongolischen Volksrepublik und ihr Schutz. Arch. Naturschutz u. Landschaftsforsch Berlin 13(2):87-106.
- Zharkikh, T.L. 1999. The cases of infanticide in the Przewalskii horses in Askajnia-Nova. Vestnik zoologii. The Schmalhausen Institute of Zoology National Academy of Sciences of Ukraine. 11:80-82
- Zharkikh, T.L.; Yasinetskaya, N.I. 1999. A study of the coat colour of the Przewalskii horses of the Askanian population. Vestnik zoologii. The Schmalhausen Institute of Zoology National Academy of Sciences of Ukraine. 11:86-90
- Zharkikh, T.L. 2000. Comfort behaviour of Przewalski horses (*Equus przewalskii*) at the reserve "Askania Nova". News Biosphere Reserve "ASKANIA NOVA": protection and preservation of rare species. Pp 40-49.

Zharkikh, T.L.; Yasynetska, N.I.; Zvegintsova, N.S. 2002. Przewalski horse in the zone of Chernobyl nuclear power plant. *Gazella* 29:93-112

Zimmermann, W. 1985. 20 Jahre Przewalskipferde (*Equus p. przewalskii*) im Kölner Zoo. *Zeitschrift des Kölner Zoo*. 4:171-187.

Zimmermann, W and Ryder, O. 1995. Reintroduction of wild horses in Mongolia. *Reintroduction News* 10:11-12

[Top](#)

## Published books on the Przewalski horses

### Introduction

The pre-eminent compendium on the species was written by Dr Erna Mohr in 1959 and translated into English in 1971. Although Mohr's book can never be surpassed for its firsthand accounts of the early history of the species and its extensive illustrations, much has happened since her book was written. In 1994 Lee Boyd and Katherine Houpt edited the second standard book on the species in which all up to date information on the Przewalski horse is gathered in one place.

### The following books were published on the Przewalski horse

Boer, de L.E.M., J.G. Bouman and I. Bouman (eds.). 1979. *Genetics and Hereditary Diseases of the Przewalski Horse*. Foundation for the Preservation and Protection of the Przewalski Horse, Rotterdam, The Netherlands. 177 pp.

Bökönyi, S. 1974. *The Przewalski Horse*. Souvenir Press, London, 140 pp.

Bouman, J.G., I. Bouman and A. Groeneveld (eds.). 1982. *Breeding Przewalski Horses in Captivity for Release into the Wild*. Foundation for the Preservation and Protection of the Przewalski Horse, Rotterdam, The Netherlands. 240 pp.

Boyd, L. and K.A. Houpt (eds.). 1994. *Przewalski's horse, the History and Biology of an Endangered Species*. SUNNY SERIES, State University of New York Press. 313 pp.

Mohr, E. 1959. *Das Urwildpferd*. A. Ziemsen Verlag, Wittenberg Lutherstadt. 144 pp.

Mohr, E. 1971. *The Asiatic Wild Horse*. J.A. Allen and Co Ltd., London. 124 pp.

Volf, J. 1996. *Das Urwildpferd*. Die Neue Brehm – Bücherei, Bd 249 Spektrum Akademischer Verlag - Heidelberg. 147 pp.

*(This book is a revised edition of Mohr's book)*

Weeks, M. 1977. *The last wild horse*. Houghton Mifflin Company Boston. 144 pp.

[Top](#)

### The following books for children were published on the Przewalski horse

Aldridge, J. 1974. *The Marvellous Mongolian*. Piccolo Book. Macmillan London Limited. 139 pp. *(This Book also was published in the German language by Paul Zsolnay Verlag, Wien, Hamburg. 1975. ISBN 3-552-02718-1)*.

Babos, A. 1998. *De laatste wilde paarden*. Uitgeverij C. de Vries-Brouwers/Rotterdam en Antwerpen. 24 pp.

Cottrell Free, A. 1963. *Forever the Wild Mare*. Dodd, Mead and Company, New York. 178 pp.

Gruber, W. 1994. *Lauf, Tachi! Ein Urwildpferd hat keinen Namen*. Aare Verlag. Frankfurt am Main. 135 pp.

Slaughter Doty, J. 1985. Yesterday's Horses. Macmillan Publishing Company, New York. 114 Przewalski-paard. (This book was also translated in Danish language with in the title ZIPPER. 1987. ISBN 91-32-12859-2).

Streblow, L. 1992. Wirru, das Wildpferd. Loewes Verlag. Bindlach. 133 pp.

[Top](#)

## **Publications of the Foundation or activities initiated by the Foundation on the Przewalski horse projects**

Ashton, D.G., and D.M. Jones. 1979. Some diseases of the Przewalski horse. Pages 149-156 in de Boer, L.E.M., J.G. Bouman and I. Bouman (eds.). Genetics and Hereditary Diseases of the Przewalski Horse. Foundation for the Preservation and Protection of the Przewalski Horse, Rotterdam, The Netherlands.

Bandi, N. 1994-1996. Takhis in Hustain Nuruu. Unpublished internal report for DGIS/FRPH, Rotterdam, The Netherlands.

Bandi, N. 2000. Adaptation of takhi (*Equus przewalskii Poljakoff, 1881*) in Hustai National Park, Mongolia. News Biosphere Reserve "ASKANIA NOVA": protection and preservation of rare species. Pp 22-26.

Berg, van den A. 1989. Het laatste wilde paard. R.H.L. te Dronten, (unpublished report) 1-26.

Blaak, H. 1992. Putting up electric fences in Mongolia. Przewalski Horse 29:5-9.

Boer, de L.E.M., J.G. Bouman, and I. Bouman. 1979. Genetics and Hereditary Diseases of the Przewalski Horse. Foundation for the Preservation and Protection of the Przewalski Horse, Rotterdam, The Netherlands. 176 pp.

Boerema, J. 1983. Het eetgedrag van paarden onder semi - natuurlijke omstandigheden. R.H.L. te Groningen (unpublished report). 51 pp.

Boerema, J. 1984. Onderzoek naar Przewalski paarden op de "Noorderheide", R.H.L. te Groningen, 1-50.

Bos, H. 1999. Body condition scoring in free living Przewalski horses. Vestnik zoologii. The Schmalhausen Institute of Zoology National Academy of Sciences of Ukraine. 11:25-31

Bouman, J.G. 1977. The future of Przewalski horses in captivity. International Yearbook. 17:62-68.

Bouman, J.G., and H. Bos. 1979. Two symptoms of inbreeding depression in Przewalski horses living in captivity. Pages 111-117 in de Boer, L.E.M., J.G. Bouman, and I. Bouman (eds.). Genetics and Hereditary Diseases of the Przewalski Horse. Foundation for the Preservation and Protection of the Przewalski Horse, Rotterdam, The Netherlands.

Bouman, J.G., and I. Bouman-Heinsdijk. 1979. The introduction of the Przewalski horse in the wild. Pages 165-168 in de Boer, L.E.M., J.G. Bouman, and I. Bouman (eds.). Genetics and Hereditary Diseases of the Przewalski Horse. Foundation for the Preservation and Protection of the Przewalski Horse, Rotterdam, The Netherlands.

Bouman, J.G. 1980. Eine Analyse der Stammbuch-Daten und einige Konklusionen hinsichtlich der zukünftigen Züchtung der Przewalskipferde in Gefangenschaft. Equus (Berlin) 2(1): 21-42.

Bouman, J.G. 1982. The history of breeding the Przewalski horse in captivity. Pages 17-64 in Bouman, J.G., I. Bouman, and A. Groeneveld (eds.). Breeding Przewalski Horse in Captivity for Release into the Wild. Foundation for the Preservation and Protection of the Przewalski Horse, Rotterdam, The Netherlands.

Bouman, J.G., I. Bouman, and A. Groeneveld. 1982. Breeding Przewalski Horses in Captivity for Release into the Wild. Foundation for the Preservation and Protection of the Przewalski Horse, Rotterdam, The Netherlands. 240 pp.

Bouman-Heinsdijk, I. 1982. Is re-introduction of Przewalski horses into the wild a realistic idea? Pages 177-220 in Bouman, J.G., I. Bouman, and A. Groeneveld (eds.). Breeding Przewalski Horses in Captivity

for Release into the Wild. Foundation for the Preservation and Protection of the Przewalski Horse, Rotterdam, The Netherlands.

Bouman, I. 1982. Semi-reserves for the Przewalski horse as an intermediary step between captivity and reintroduction into the wild and an international stallion exchange strategy to reduce inbreeding in captivity. Pages 221-229 in Bouman, J.G., I. Bouman, and A. Groeneveld (eds.). *Breeding Przewalski Horses in Captivity for Release into the Wild*. Foundation for the Preservation and Protection of the Przewalski Horse, Rotterdam, The Netherlands.

Bouman, I., and J.G. Bouman. 1989. Gefangenschaftszucht des Przewalski-Pferdes: Überleben der Przewalski-ähnlichen Abkömmlinge oder die Rettung des Pferdes? Pages 269-305 in Schneider, E., H. Oelke, and H. Grob (eds). *Die Illusion der Arche Noah. Gefahren für die Arterhaltung durch Gefangenschaftszucht*. Echo Verlag, Göttingen.

Bouman, I., and J. Bouman. 1990. Report on the semi-reserves project IUCN/WWF no. 3077. Proceedings of the 5th International Symposium on the Preservation of the Przewalski Horse. Zoologischer Garten Leipzig:184-190.

Bouman, I. and J.G. Bouman. 1994. The History of Przewalski's Horse. In Boyd, L. and K.A. Houpt (eds.) *Przewalski's Horse, the History and Biology of an Endangered Species*. SUNYSERIES. State University of N.Y. Press: 5-38.

Bouman, I. 1998. The reintroduction of Przewalski-horses in the Hustain Nuruu Mountain Forest Steppe Reserve in Mongolia, an integrated conservation development project. Mededelingen No. 32. Ned. Comm. Int. Natuurbescherming: 1-50.

Bouman, I. 1999. The reintroduction of Przewalski horses in the Hustain Nuruu National Park in Mongolia. *Vestnik zoologii*. The Schmalhausen Institute of Zoology National Academy of Sciences of Ukraine. 11:32-46

Bouman, I. 2000. The reintroduction of Przewalski Horse in the Hustain Nuruu mountain forest steppe reserve in Mongolia: an integrated conservation development project. *Gazella*. 27:27-52.

Boyd, L. and N. Bandi. 2002. Reintroduction of takhi, *Equus ferus przewalskii*, to Hustai National Park, Mongolia: time budget and synchrony of activity pre- and post-release. *Applied Animal Behaviour Science*. 78:87-102

Buisman, A.K., and R. van Weeren. 1982. Breeding and management of Przewalski horses in captivity. Pages 77-160 in Bouman, J.G., I. Bouman, and A. Groeneveld (eds.). *Breeding Przewalski Horses in Captivity for Release into the Wild*. Foundation for the Preservation and Protection of the Przewalski Horse, Rotterdam, The Netherlands.

Dierendonck, M.C. and N. Bandi, D. Batdorj, S. Dügerlham, B. Munkhtsog. 1996. Behavioural observations of reintroduced Takhi or Przewalski horses (*Equus ferus przewalskii*) in Mongolia. *Applied Animal Behaviour Science* 50:pp 95 - 114.

Dijkstra, S. 1984. Chromosomen onderzoek aan 15 Przewalski paarden, Vakgroep Funktionele Morfologie van de fakulteit Diergeneeskunde, Utrecht, 1-22.

Enkhee, D. and N. Bandi. 1999. Takh food preferences in Khustai National Park, Mongolia. In press. 9 pp.

Feh, C. 1988. Social behaviour and relationships of Przewalski horses in Dutch semi-reserves. *Applied Animal Behaviour Science* 21:71-87.

Hovens, J.P.M. 1994-1997. Wildlife and livestock research in Hustain Nuruu. Unpublished internal report for DGIS/FRPH. Rotterdam, The Netherlands.

Hovens-Lenstra, G. 1995-1997. Behaviour and ecology of re-introduced Przewalski-horses in the steppe reserve Hustain Nuruu (Mongolia). Unpublished internal report for DGIS/FRPH. Rotterdam, The Netherlands.

Hovens J.P.M.; Tungalaktuja , K.H.; Todgeril , T.I Batdorj D. 2000. The impact of wolves *canis lupus*(L., 1758) on wild ungulates and nomadic livestock in and around the Hustain Nuruu steppe reserve

(Mongolia). *Lutra* 43:39-50

Keiper, R.R. 1990. Social interactions of free-ranging Przewalski horses in semi-reserves. Proceedings of the 5th International Symposium on the Preservation of the Przewalski Horse. Zoologischer Garten Leipzig: 176-183.

Keiper, R.R., and H. Receveur. 1992. Social interactions of free-ranging Przewalski horses in semi-reserves in The Netherlands. *Applied Animal Behaviour Science* 33: 303-318.

Keverling-Buisman, A. and R. van Weeren. 1978. Een gedragsstudie van *Equus przewalskii*, Burgers Dierenpark, Arnhem (Unpublished report). 37 pp.

Keverling Buisman, A., and R. van Weeren. 1982. Breeding and management of Przewalski horses in captivity. Pages 77-160 in Bouman, J.G., I. Bouman, and A. Groeneveld (eds.). *Breeding Przewalski Horses in Captivity for Release into the Wild*. Foundation for the Preservation and Protection of the Przewalski Horse, Rotterdam, The Netherlands.

King, S.R.B. 2002. Home range and habitat use of free-ranging Przewalski horses at Hustai National Park, Mongolia. *Applied Animal Behaviour Science* 78:101-113

Leboucher, A. 1992. Behavioural study of the Przewalski stallions living in the semi-reserve of the Goudplaat, The Netherlands. Towards reintroduction: which stallion is behaviourally fitted for survival in Mongolia? Unpublished report. 163 pp.

Lenstra, G. 1993. Gedrag van Przewalski paarden in semi - reservaat " De Ooij". Vakgroep Veehouderij, Sectie Ethologie Landbouwniversiteit Wageningen (unpublished report). 88 pp.

Liefbroer, P. 1982. Een onderzoek naar de groepstructuur van 3 groepen Przewalski-paarden. R.H.L. te Leeuwarden (unpublished report). 64 pp.

MACNE, 1996. Proceedings of the National Mongolian Takhi Conference. Tserendeleg, J. (ed.) Ulaanbaatar. (summaries papers in English). 1-104

Matthews, J.G., and J.D.A. Delhanty. 1979. Chromosome studies in Przewalski's horses, (*Equus przewalskii*). Pages 71-83 in de Boer, L.E.M., J.G. Bouman, and I. Bouman, (eds.). *Genetics and Hereditary Diseases of the Przewalski Horse*. Foundation for the Preservation and Protection of the Przewalski Horse. Rotterdam, The Netherlands.

Mey de, J. 1995-1996. Free ranging Przewalski-horses and vegetation development in the Hustain Nuruu Reserve Project, Mongolia. Unpublished internal report for DGIS/FRPH. Rotterdam, The Netherlands.

Mey de-van Geest, J.J. 1996 & 1997. Medical and Hygiene Project for the Hustain Nuruu steppe reserve and environment, Mongolia. Unpublished internal report for DGIS/FRPH. Rotterdam, The Netherlands.

Paklina, N., M.K. Pozdnyakova. 1989. Why the Przewalski horses of Mongolia died out. *Przewalski Horse* 24:30-34.

Putt, W., and R.A. Fisher. 1979. An investigation of some 36 genetically determined enzyme and protein markers in Przewalski and domestic horses. Pages 21-32 in de Boer, L.E.M., J.G. Bouman, and I. Bouman (eds.). *Genetics and Hereditary Diseases of the Przewalski horse*. Foundation for the Preservation and Protection of the Przewalski Horse, Rotterdam, The Netherlands.

Romeijn, P., Nezry, E., Trahan, P., and Supit, I. 2003. Optical DEM generation: satellites help preserve Przewalski's horse. Privateers NV, Netherlands Antilles. Treemail Publishers, Heelsum, The Netherlands.

Ryder, O.A., A. Trommershausen-Smith, S.K. Hansen, Y. Suzuki, M.C. Sparkes, R.S. Sparkes, J.B. Clegg, J.E. Oosterhuis, L.S. Nelson, P.T. Robinson, J.E. Meier, and K. Benirschke. 1979. Genetic variation in Przewalski's horses, *Equus przewalskii*, of the Munich line in the United States. Pages 41-60 in de Boer, L.E.M., J.G. Bouman, and I. Bouman (eds.). *Genetics and Hereditary Diseases of the Przewalski Horse*. Foundation for the Preservation and Protection of the Przewalski Horse. Rotterdam, The Netherlands.

Sauerland, M. 1991. Przewalski Pferde im Semi-Reservat: Ethologische Studien unter besonderer Berücksichtigung der Einbindung des Hengstes in die soziale Organisation des Familienverbandes.

Diplomarbeit für das Fachbereich Biologie Westfälische Wilhelms-Universität Münster. 122 pp.

Schepper, de G.G. and de France, H.F. 1979. Chromosome Analysis of the Mongolian domestic horse. A preliminary report, Rotterdam. The Foundation for the Preservation and Protection of the Przewalski Horse, 85-86

Todgerel, T. 2002. A preliminary list of the mammals in the Hustai National Park in Mongolia. *Mammalia*, t.66,n° 4:610-612

Tserendeleg, J. 1999. Takhi reintroduction in Hustai National Park, Mongolia: -integration into national and local context. *Vestnik zoologii. The Schmalhausen Institute of Zoology National Academy of Sciences of Ukraine*. 11:213

Tserendeleg, Ja. 2000. Coherence of takhi reintroduction with the internal and external factors (Example of Mongolian Hustai National Park). *News Biosphere Reserve "ASKANIA NOVA": protection and preservation of rare species*. Pp 27-39.

Vegter, J.K. 1995-1997. Biodiversity in Hustain Nuruu. Unpublished internal report for DGIS/FRPH. Rotterdam, The Netherlands.

Wallis de Vries, M.F. and N. Manibazar, Dügerlham, S. 1996. The vegetation of the forest-steppe region of Hustain Nuruu, Mongolia *Vegetatio* 122:111-127

Wit, P. and Vegter, J.K. 1998. Landscape - Human interactions in the Hustain Nuruu, Mountain Steppe Reserve, Mongolia. In: *Cultural Landscapes and Nature Conservation in Northern Eurasia* (ed. Dömpke, S.; Succow, M.). *Proceedings of the Wörlitz Symposium, March 20-23, 1998*. Pp 248-257.

Wit, P. 2000. The ecosystem Approach in Hustai National Park, Mongolia. A case study presented at the workshop organised by the IUCN Commission on Ecosystem Management, on 4 October 2000, Ammon, Kingdom of Jordan.

[Top](#)