Wenanty Burdziński – director of the Warsaw ZOO between 1927 and 1928, oversaw construction works at the ZOO with full dedication, yet his service was cut short by an unexpected illness. He died from severe pneumonia, which he suffered while working in the ZOO during an unusually harsh winter. He personally participated in works aimed at preparing animals for the frosty weather without any regard for his own health.

Jan Żabiński - director of the Warsaw Zoological Garden between 1929 and 1951. During the first 10 years of director Żabiński's tenure, the Warsaw Zoological Garden had been on the rise year by year and got an international recognition. As director, he managed to engage many prominent artists in cooperating with Zoological Garden, i.e. photographer Adolf Rząśnicki, sculptress Magdalena Gross and painter Kazimierz Lasocki. Director's Żabiński's efforts in popularizing zoology were supported by his wife Antonina. On September 21, 1965, Yad Vashem recognized Jan Żabiński and his wife, Antonina Żabińska, as Righteous Among the Nations. In 1968 Jan Żabiński planted a tree on the Mount of Remembrance in Jerusalem.

Jan Landowski – director of the Warsaw Zoological Garden between 1951 and 1971, an internationally recognized specialist in the field of breeding and acclimatization of wild animals. After the war he was involved in renovation of the ZOO, helping to prepare it for the reopening that took place in the spring of 1948. He took the director's post over Jan Żabiński, who resigned in 1951. One of his main accomplishments was creating the plan of geographical zones in the ZOO.

He died on October 6th 1972, and, as was his last will, his funeral procession drove along the Main Avenue of his beloved ZOO.

Zbigniew Woliński - director of the Warsaw Zoological Garden between 1972 and 1981, who paid special attention to the educational role of the ZOO, organizing very popular events such as youth special interest groups and scientific symposiums.

Unfortunately, financial situation of the Garden was growing more and more difficult. Investments and renovations stalled due to a lack of funds and support from the City Hall. Nevertheless, director Woliński continued with renovations and meliorated the ungulates enclosures. In 1981 he went on an early retirement. He passed on June 23rd 2016.

Jan Maciej Rembiszewski – director of the Warsaw Zoological Garden between 1981 and 2008

After obtaining a doctorate in natural sciences at the University of Warsaw, he worked at the Polish Academy of Sciences, was a member of several Antarctic expeditions, the leader of two of them and the author of many scientific and popular science publications. He carried out general modernizations of all old facilities, and was a founder of a winter quarter, technical facilities, and six brand new facilities: aviary with the Bird Asylum, the elephant house, herpetarium, insectarium, the great apes pavilion and the hippopotamus house, as well as many new enclosures (cheetahs, pandas, anteaters, arui and others). He reactivated the education department, popularized the ZOO in many radio and television broadcasts. He served for several terms as the chairman of the Board of Directors of Polish

ZOOs, a member of the State Council for Nature Conservation; for 10 years he was a member of the EAZA Management Board and WAZA. He was awarded the Knight's Cross of the Order of Polonia Restituta, Gold Cross of Merit and many other decorations.

Andrzej Grzegorz Kruszewicz – director of the Warsaw Zoological Garden since 2009, a passionate ornithologist, veterinarian and traveler. He is one of the founders of the Bird Asylum and STOP Society, member of the Program Board of the Institute of Environmental Analysis. Hosted numerous television programs and radio broadcasts, author and translator of many publications in the field of ornithology. Decorated with many medals and distinctions.