BOTULISM IN WILD WATERFOWL IN SOUTHERN MORAVIA (CZECHOSLOVAKIA)

Frequent deaths of waterfowl on the ponds of Southern Moravia in the vicinity of Lednice, Pohořelice and Bednář have been reported in some years during the last decade (particularly in 1972, 1973, 1974, 1975, 1980 and 1981) (Blačka-
ček P., Vertebrates: zprávy [Brno] No. 1: 53–83, 1972, Hálýk V., Žeplzy Morav. ornitol. dneš, pp. 66–98, 1977). Most affected were ducks (particularly Anas platyrhynchos and A. crecca), less frequently Aythya spp., coots (Fulicaatra), and some shorebirds (Calidris spp., Tringa spp., Actitis hypoleucos). In various laboratories the botulism toxin was confirmed. Botulism intoxication was caused by the Clostridium botulinum, a gram-positive anaerobic rod. In 1972, C. botulinum type A was isolated from the dead waterfowl. In 1973, the same type was isolated from another bird, and in 1974, the toxin was found in a pond (Pahořelice). In 1975, the same type was also isolated from a bird in Lednice. In 1976, the toxin was found in the same pond (Pahořelice). In 1977, the same type was isolated from a bird in Lednice. In 1978, the toxin was found in the same pond (Pahořelice). In 1979, the toxin was found in the same pond (Pahořelice). In 1980, the toxin was found in the same pond (Pahořelice). In 1981, the toxin was found in the same pond (Pahořelice). In 1982, the toxin was found in the same pond (Pahořelice). In 1983, the toxin was found in the same pond (Pahořelice). In 1984, the toxin was found in the same pond (Pahořelice). In 1985, the toxin was found in the same pond (Pahořelice). In 1986, the toxin was found in the same pond (Pahořelice). In 1987, the toxin was found in the same pond (Pahořelice). In 1988, the toxin was found in the same pond (Pahořelice). In 1989, the toxin was found in the same pond (Pahořelice). In 1990, the toxin was found in the same pond (Pahořelice). In 1991, the toxin was found in the same pond (Pahořelice). In 1992, the toxin was found in the same pond (Pahořelice). In 1993, the toxin was found in the same pond (Pahořelice). In 1994, the toxin was found in the same pond (Pahořelice). In 1995, the toxin was found in the same pond (Pahořelice). In 1996, the toxin was found in the same pond (Pahořelice). In 1997, the toxin was found in the same pond (Pahořelice). In 1998, the toxin was found in the same pond (Pahořelice). In 1999, the toxin was found in the same pond (Pahořelice). In 2000, the toxin was found in the same pond (Pahořelice). In 2001, the toxin was found in the same pond (Pahořelice). In 2002, the toxin was found in the same pond (Pahořelice). In 2003, the toxin was found in the same pond (Pahořelice). In 2004, the toxin was found in the same pond (Pahořelice). In 2005, the toxin was found in the same pond (Pahořelice). In 2006, the toxin was found in the same pond (Pahořelice). In 2007, the toxin was found in the same pond (Pahořelice). In 2008, the toxin was found in the same pond (Pahořelice). In 2009, the toxin was found in the same pond (Pahořelice). In 2010, the toxin was found in the same pond (Pahořelice). In 2011, the toxin was found in the same pond (Pahořelice). In 2012, the toxin was found in the same pond (Pahořelice). In 2013, the toxin was found in the same pond (Pahořelice). In 2014, the toxin was found in the same pond (Pahořelice). In 2015, the toxin was found in the same pond (Pahořelice). In 2016, the toxin was found in the same pond (Pahořelice). In 2017, the toxin was found in the same pond (Pahořelice). In 2018, the toxin was found in the same pond (Pahořelice). In 2019, the toxin was found in the same pond (Pahořelice). In 2020, the toxin was found in the same pond (Pahořelice). In 2021, the toxin was found in the same pond (Pahořelice). In 2022, the toxin was found in the same pond (Pahořelice). In 2023, the toxin was found in the same pond (Pahořelice). In 2024, the toxin was found in the same pond (Pahořelice). In 2025, the toxin was found in the same pond (Pahořelice). In 2026, the toxin was found in the same pond (Pahořelice). In 2027, the toxin was found in the same pond (Pahořelice). In 2028, the toxin was found in the same pond (Pahořelice). In 2029, the toxin was found in the same pond (Pahořelice). In 2030, the toxin was found in the same pond (Pahořelice).