

Mickus Algimantas

1959–86 junior research fellow at the Institute of Zoology and Parasitology of the Lithuanian Academy of Sciences, 1986–89 research fellow at the Laboratory of Theriology, 1990–91 research fellow at the Institute of Ecology. Since 1992, Head of the Personnel Department until 2004. Worked as a non-tenure-track employee at the Laboratory of Mammalian Ecology until 2006.

The main focus of the work was on semi-aquatic mammals. He studied the peculiarities of muskrat acclimatization and population formation in Lithuania, their biology and ecology in Lithuanian waters, beaver ecology, distribution, dynamics of abundance and density, and population productivity in different types of biotopes. He has developed a methodology for beaver habitat rating and scientific basis for the use of their resources in Lithuania. After studying the ecology of muskrats, beavers and other mammals in polder systems of the lower Nemunas River, developed a plan of measures for the protection of polder embankments from burrowing animals.

He also studied mustelids, determined the taxonomic affiliation of the Lithuanian weasels, developed a methodology for the accounting and stocking of American mink, and studied the abundance and distribution of otters in Lithuanian waters.

Co-authored books *Lietuvos TSR nacionalinis parkas* (1981), *Čepkelių rezervatas* (1984), *Lietuvos fauna. Žinduoliai* (1988), *Žuvinto rezervatas* (1993).

Author of 12 scientific articles, 20 theses, 3 methodologies and 29 popular science articles, 18 of them in popular journals. The material of A. Mickus's research was used in the preparation of the monographs "The Beaver" and "The Muskrat" (1993) (published under the Man and Biosphere programme). He has made scientific presentations in Belarus, Estonia, Latvia, Finland, Russia and at an international symposium in Vilnius.

He was a member of the Republican Interdepartmental Expert Group for the Scientific Investigation of Natural Focal Point Infections, in 1995–97 participated in the international programme "Ecological Sustainability of Regional Development in a Historical Context: the Case of Lithuania (ECOSLIT)".

Scientific articles

Mickus A. 1997. Modelinės žinduolių rūšies – bebro (*Castor fiber* L.) gausumo dinamika Nemuno baseine 1931–1996 metais // Rūšių tyrimai areale – 2 (78). Parametru kitimas biotopuose. Vilnius, 1997: p. 76–83.

Mickus A. ir kt. 1997. Historical change of conditional sustainability of several model species and populations in Lithuania // Ecological sustainability of Lithuania (ECOSLIT) IV. – Vilnius, 1997: p. 53–58.

Volskis R., Balevičienė J., Bitvinskas T., Žiliukas V., Burba A., Lazauskienė L., Mickus A., Sinkevičienė Z., Vaitonis G. 1998. Modelinių rūšių populiacijų tvarumo bei produktyvumo eiga ir galimos prognozės. // Regiono ekologinis tvarumas istoriniame kontekste. Vilnius, 1998: p. 83–92.

Volskis R., Balevičienė J., Bitvinskas T., Žiliukas V., Burba A., Lazauskienė I., Mickus A., Sinkevičienė Z. 1999. Modelinių rūšių populiacijų tvarumas ir produktyvumo kitimo eiga [The change of sustainability and productivity of selected species and populations]. Lietuvos Valstybinės mokslo programos „Regiono

vystymosi ekologinis tvarumas istoriniame kontekste: Lietuvos pavyzdžiu (ECOSLIT)“. Vilnius, Lithuanian Academy of Sciences, p. 379–433.