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Journal of Forest Science

**Quantitative and qualitative damage caused by mammals and birds to
the planting and natural seeding**

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In the years 1999– 2000, I studied damage to transplants in the planting and wildlings in the natural seeding at the locality Zamrlô in the Starohorské vrchy Mts. (750– 1,000 m a.s.l., NE exposure, forest type *Abieto-Fagetum*). Damage to the woody plants by the mammals and birds in the planting was much higher (14%) than in the natural seeding (7%). All woody plant species were also more damaged in the planting (spruce 16%, larch 9%, fir 24%, beech 10%, and sycamore 10%) than in the natural seeding (spruce 7%, larch 6%, fir 10%, beech 7%, and sycamore 9%). There were found 8 mammals that damaged woody plants both in the planting and natural seeding (*Apodemus* sp., *Capreolus capreolus* L., *Cervus elaphus* L., *Clethrionomys glareolus* SCHREB., *Lepus europaeus* L., *Microtus agrestis* L., *Microtus arvalis* PALL., *Sciurus vulgaris* L.). Only one bird species was found to damage woody plants in the planting and natural seeding (*Tetrao urogallus* L.).

Keywords:

woody plants; damage; mammals; birds

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