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Cambioxylophagous fauna of young spruce stands damaged by snow in the Beskids

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In 25 to 40-years-old stands damaged by snow in the Beskids, the fauna of cambioxylophages was analyzed both on standing breaks and lying break-off stems. Breaks are characterized by the gradually drying phloem, watered phloem and secondary fauna (*Hylurgops palliatus*, *Hylocoetes dermestoides*, *Dryocoetes* sp., *Monochamus* sp.), which does not represent any danger to spruce stands. The phloem on lying breaks withered and died till the end of the growing season. The competing species *Pityogenes chalcographus* (L.) (46–52% cover) and species of the genus *Dryocoetes* (20% cover) colonized the breaks in particular. The upper and the lower side of the lying breaks-off differ in the intensity of attack and the degree of cover of these species. In young broken and open stands with the unprocessed wood of lying breaks-off there occurs a risk of the creation of bark beetle circles in the subsequent year after the damage.

Keywords:

Norway spruce; the Beskids; cambioxylophages; snowbreaks; young stands

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