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Abstract: Based on floristic and phytosociological field research carried out in the Proszowice Plateau, a list has been compiled of 176 threatened vascular plant species (19.9% of the flora in the area). It comprises extinct (EX), critically endangered (CR), endangered (EN), vulnerable (VU), and lower risk taxa (LR). A phytosociological analysis has shown that species of the classes *Festuco-Brometea*, *Querco-Fagetea*, *Molinio-Arrhenathereta* and *Scheuchzerio-Caricetea fuscae* are the most endangered in the investigated area.

Key words: vascular plants, categories of threat, Małopolska Upland, southern Poland.