

## ANTROPICKY PODMIENENÁ PRIMÁRNA SUKCESIA NA LOKALITE SKLÁDKY GUDRÓNOV V LOPEJSKEJ KOTLINE (PREDAJNÁ II)

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### ABSTRACT

Ollerová H. **Primary succession influenced by anthropogenic activities at the gudrons landfill (Predajná II) in Lopejská kotlina**

Spontaneous vegetation succession was analyzed on ten permanent plots each (40 x 40 cm established on bare ground of the man-made depression – at the gudrons landfill Predajná II in Central Slovakia). The fact that the landfill of gudrons (the waste after refining treatment of crude oil) had built and then it was keeping, vegetation did not develop. After gradually exhausting of waste and meteoric water from the landfill, inside slopes were uncovered and there were created conditions for vegetations colonization of those sites in successive steps. The soil is considerably skeletal and desiccated. These special site and also climatic conditions underlie very slow vegetation colonization on those sites.

**Key words:** spontaneous vegetation succession, waste from crude oil treatment, gudrons landfill, movement of colonization