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**PANICUM DICHOTOMIFLORUM MICHAUX IN
THE SURROUNDINGS OF ZAGREB**

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The adventitious plant species *Panicum dichotomiflorum* Michaux has been found in the area of Turopolje in the surroundings of Zagreb (Croatia, Yugoslavia). This has been the first find so far of this American plant in Yugoslavia.

The neophytic plant species *Panicum dichotomiflorum* was found on 4 October, 1985 in the area of Turopolje in the vicinity of the locality of Selce between the villages of Stružec and Peščenica in the surroundings of Zagreb (Figs. 1 and 2). It was spread there as a weed in a maize field and, even more abundantly, on the path passing across this field. It was accompanied by the following species: *Agropyron repens*, *Amaranthus retroflexus*, *Ambrosia artemisiifolia*, *Bidens tripartita*, *Che-nopodium album*, *Cirsium arvense*, *Convolvulus arvensis*, *Cynodon dactylon*, *Echinochloa crus-galli*, *Hibiscus trionum*, *Panicum capillare*, *Polygonum aviculare*, *Setaria glauca*, *Xanthium italicum*.

The species *Panicum dichotomiflorum* Michaux originates from North America (Clayton 1980:261, Jehlik 1981:90). However, its recent range includes many parts of the Earth, from North to South America, across Europe and Asia to New Zeland and the Pacific Islands, but it is not found in Africa or Australia (comp. Häfliger and Scholz 1980).

In Europe, it has been noted for Italy, France, Swiss, Austria, Germany, Czechoslovakia, Romania (Hegi 1935:265, Conert 1979:40, Clayton 1980:261, Pignatti 1982:601, Jehlik 1984:90, Negrean and Karácsnyi 1984). Häfliger and Scholz (1980:XVI and 80) noted it in Europe, in addition to France and Italy, in general in Central and Southeastern Europe, with no details of the country. So, it is not clear which countries are in question

within Southeastern Europe. Nevertheless, the common names of this species are noted at the end of the book, in the chapter »Aquarelles« with colour pictures of some species. Common names for the species *Panicum dichotomiflorum* Michaux are noted from the following European countries: Austria, France, Germany, Italy, Poland, Switzerland, Turkey, USSR. It can be concluded that the data on the distribution in Southeastern Europe refer to the European part of Turkey (see also the data for *Paspalum dilatatum*, comp. Ilijanić and Topić 1986).

The species *Panicum dichotomiflorum* was not noted, to the best of our knowledge, in Yugoslavia so far, and we consider it useful to publish this find as a contribution to the knowledge on its distribution in this part of Europe.

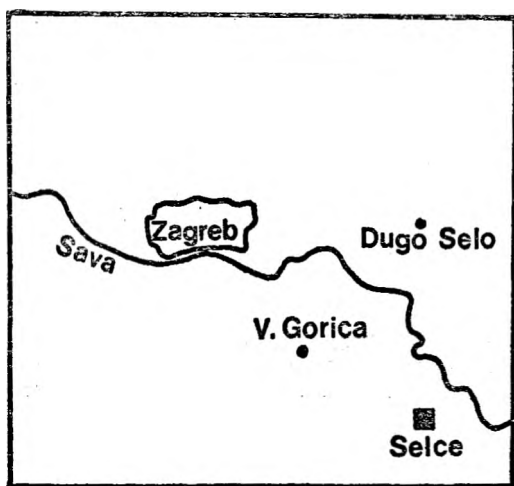


Fig. 1. Locality (■) of *Panicum dichotomiflorum* in the surroundings of Zagreb

How and when it came here is difficult to say. Judging from the abundance of specimens growing on the locality described, one can suppose that this plant is spread widely in this country. It seems possible that it was not noticed earlier because of its habitus similar to the previously known and frequent species *Panicum capillare*. It is necessary, therefore, to pay attention to this neophytic plant within floristic and vegetational surveys of weed and ruderal vegetation, in particular. Its finds in other places on similar habitats can be expected with certainty.

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Fig. 2. *Panicum dichotomiflorum* Michaux from Selce (Turopolje) in the surroundings of Zagreb

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SAŽETAK

PANICUM DICHOTOMIFLORUM MICHAUX U OKOLICI ZAGREBA

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U široj okolici Zagreba, u Turopolju nedaleko Selca kraj rijeke Odre (sl. 1) nađena je 4. listopada 1985. adventivna američka vrsta *Panicum dichotomiflorum* Michaux (sl. 2). Kao korov u polju kukuruza, te osobito na puteljku kraj istoga polja rasla je u velikom broju primjeraka.

To je, koliko nam je poznato, prvi nalaz te neofitske biljke u Jugoslaviji. S obzirom na velik broj primjeraka na navedenom lokalitetu može se pretpostaviti da je i drugdje u nas već rasprostranjena na analognim staništima, pa joj valja posvetiti veću pažnju osobito prilikom istraživanja korovne i ruderalne vegetacije.

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During the printing of these paper we found the species *Panicum dichotomiflorum* also in Ozalj (in the surroundings of Karlovac) in a maiz field.

Za vrijeme tiskanja ovoga priloga našli smo vrstu *Panicum dichotomiflorum* također u Ozlju (okolica Karlovca) u polju kukuruza.