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IDENTIFIKASI GULMA PADA DUA TIPE PERKERASAN TAMAN (KONBLOK DAN GRASBLOK)[1)]

Weed Inventory in Two Ground Types of Urban Park

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ABSTRACT

Weeds constitute one the main problems encountered in urban parks, including those growing on paved park grounds, because in addition to impairing the beauty of the parks they also reduce their fuction and durability. By weed inventory on park grounds management actions can be planned and conducted.

Field observations were carried out for two months at the "Monumen Nasional" grounds in Jakarta. Two widely used types of pavement were selected, i.e. conblock and grassblock. The Dominance Value and Summed Dominance Ratio were calculated using Tjitro Soedirdjo's (1984) method.

Three groups of weed grew in this area, i.e. broad leaved weeds, grasses, and sedges. The species growing on both types of pavement and in both ecological conditions are Cyperus rotundus, Eleusine indica, *and* Euphorbia thymifolia.

Eleven species were identified on shaded and on open conblock respectively. Of theese species, nine species grew on both condition, but at varying level of dominance. These are Euphorbia thymifolia, Eleusine indica, Cyperus rotundus, Hedyotis corymbosa, Portulaca oleracea, Axonopus compressus, Richardia brasiliensis, Bacopa procumbens *and* Synedrella nodiflora.

Eight species were found on shaded grassblock and nine species on open grassblock. Species were found in both condition, i.e. Cyperus rotundus, Eleusine indica, Euphorbia thymyfolia, Chrysopogon aciculatus, *and* Borreria repens.

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1) Penelitian merupakan salah satu dari hasil kerjasama Jurusan BDP Faperta IPB, Bogor, dengan Dinas Pertamanan DKI Jakarta, 1992-1993

2) Berturut-turut adalah staf pengajar Studio Arsitektur Pertamanan, staf pengajar Lab. Ekofisiologi Gulma Tanaman, dan mahasiswa semester 8 Studio Arsitektur Pertamanan Jurusan BDP Faperta IPB, Bogor.