구두발표 4

Earthworm abundance and Species Composition in the Heap of Compost, Wild-grass and Sewer

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This study was carried out to investigate earthworm abundance and species composition in the heaps of compost, wild-grass and sewer. 1,740 individuals were collected from March to October in 2000 at 126 sites. Earthworms were consist of 3 families, 4 genera and 6 species. Species and its comparative abundance in the heap of compost were as follows; *Eisenia fetida* 87.8 %, *Aporectodea trapezoides* 1.5%, *Amynthas hilgendorfi* 0.9%, *Amyntha agrestis* 2.2%, *A. koreanus* group 4.9%, *Drawida* sp 1.7%, Others 1.0%. In the heap of wild-grass, *Eisenia fetida* 9.8%, *Aporectodea trapezoides* 9.1%, *Amynthas hilgendorfi* 12.1%, *Amyntha agrestis* 25.1%, *A. koreanus* group 27.8%, *Drawida* sp 2.8%, Others 13.2%. In the heap of sewer, *Eisenia fetida* 24.2%, *Aporectodea trapezoides* 5.4%, *Amynthas hilgendorfi* 10.2%, *Amyntha agrestis* 9.7%, *A. koreanus* group 26.3%, *Drawida* sp 1.6%, Others 22.6%.