

QUANTIFICATION DES TRACES DES LOMBRICS....

SUMMARY .-

A new method to measure the activity of soil fauna is described. The quantitative television microscope allows distinction and quantification of the castings of two earth-worms species. The relative quantity of materials returning to deep soil layers, can be determined, as well as the degree of porosity which determines the ability of the soil microfauna to colonize the different layers.

REMERCIEMENTS

L'analyseur d'image est un appareil BRGM CNRS. A R. Verbeke, M. Hladik, Mmes Bouillyer et Muñoz du Muséum pour respectivement les lames minces, le résumé anglais, la mise au point du manuscrit et le dessin des graphiques. A J. Luu de L'ESIEE pour les notions d'intelligence artificielle. A C. Hyighens du Museum pour la photo 1.