

Data Base on Resources of Mushrooms in Korea

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Abstract

Today information is important for man and total fields. Science field is not exception. Currently information age things of information is only useful for man and total industry. So bioinformation is necessary of biodiversity in broadly wide and detailed information. Among information, bioinformation of biodiversity is important and utilization of living things.

Among them, the mushroom(higher fungi) are an important part in ecosystem as a decomposer responsible for recycling materials. Many living things today, however, have endangered by environmental pollution and ecological destruction. The higher fungi also are not exception. Mushroom has been used for food sources, pharmacy and forests resources from ancient times. Among biodiversity, database of mushroom is very necessary for university, institute and industry.

This DB contains four items of native mushroom(higher fungi) from Korea. first item contain species, genus, family, order class, and division according to the classification. Second item contain pharmaceutical purpose, food source, culture, toxic, anti-cancer of the application. Third item contain symbiosis, rotten trees of the ecological resources. Fourth item contain geographical distribution and illustrated literature. Information system is also available using KRISTAL II for searches on the WEB in URL <http://ruby.kisti.re.kr/~mushroom>