J. Indian Inst. Sci., Jan.–Feb. 2006, **86**, 75–79 © Indian Institute of Science.

## **Short Communication**

## Herbaceous species composition of an age series of naturally revegetated coal mine spoils on Singrauli Coalfields, India

## **ARVIND SINGH\***

Department of Botany, Banaras Hindu University, Varanasi 221 005, India. email: arvindsingh\_bhu@yahoo.com; Phone: +91-542-2316310; Fax: +91-542-2366708.

Received on December 13, 2004; Revised on February 15, 2006.

## Abstract

The herbaceous species composition of 2-, 5- and 10-year-old age series of coal mine spoils was studied at Singrauli coalfields, India. The number of species increased with increasing age of the spoil. Two- and five-year old spoils were dominated by species belonging to the families Poaceae and Fabaceae, while the 10-year-old spoil was dominated by species belonging to the families Poaceae and Asteraceae.

Keywords: Coal mine spoils, herbaceous species, legumes, species composition.