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Endophytic fungi of the *Prosopis cineraria*

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Plants are the greatest sources of the metabolites, they have been used for the medicines from the long times, still in many parts of the world, they are the reliable and the easy kinds of the medications, WHO still promote these medicines in the developing country. The endophytic fungi are the very diverse kinds of the world of the fungi, they create and they develop the very vast kinds of the world of the fungi, many of the fungi are pathogenic and they create the problem with the normal functioning of the tree, they produces the many kinds of the disorders which causes the severs plants pathogenic diseases in the plants and sometimes they are responsible for the destructing catastrophic effects. Endophytic fungi are the symbiotic kinds of the microbiota which are found in the living host's tissues, they are found in the leaves, as well as the other parts of the plants also, generally, they are the members of the deutetromycetes and the basidiomycetes. They colonize the tissues beneath the epidermis and they collect in this places. However still today the complex metabolism of these fungi is the matter of the great speculations. They not only sometimes beneficial to the trees but also they are the reservoirs of the complex metabolites of the various significances, their isolation of the metabolites is still the matter of the great concerns, hers in our research work we have tried to work on the endophytes fungi compels of the tree entitled ad the *Prosopis cineraria* of the mimosidae group. The tree is very valuable medicinally and the endophytes we isolated are taxonomically very diverse and unique kinds. We found some of the genera's which are not present occasionally in the trees. We identified the genera's from the IARI culture collection of India. However detailed physiological work is required for the correct identification of the metabolites and their pharmacological values.

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