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Noteworthy Additions of Polypores to India

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Polypores (Agaricomycetes, Polyporales), are characterized by perennial to rarely annual, effused-reflexed to pileate, woody basidiocarps; smooth to scrupeous abhymenial surface; poroid hymenial surface with smaller, angular to round pores; 2-4 spored basidia and smooth, inamyloid to amyloid basidiospores. In the present paper an account of ten taxa *Dichomitus affixus* (Corner) T. Hatt., *D. compestris* (Quél.) Domanski & Orlicz, *Donkiopora expansa* (Desm.) Kotl. & Pouzar, *Ganoderma unguatum* J.D. Zhao & X.Q. Zhang, *Perenniporia adnata* Corner, *Pilatoporus bondartsevae* (Spirin) Spirin, *Polyporus efbulatus* (A.M. Ainsw. & Ryvarden) Melo & Ryvarden, *Sistotrema alboluteum* (Bourdot & Galzin), *Tyromyces amazonicus* and *Trichaptum perrottetii* (Lév.) Ryvarden) comprising 9 genera, 5 families and 3 orders, of Polyporales based on the collections made from different localities of Union Territory of Jammu and Kashmir during the monsoon months of the years 2016-19 has been given. All the ten species are being reported for the first time from the India. It is worth to mention that genus *Pilatoporus* has been recorded first time from India.

Biography

Dr. Brij Bala, M.Sc Botany and Ph.D. in mycology and plant pathology from Department of Botany, Punjabi University, Patiala. She is currently working as assistant professor of Botany, in School of Bio-Sciences, RIMT University, Gobindgarh Punjab. She is a fungal taxonomist, her area of specialization includes molecular biology, plant pathology, forest ecology and plant bio-diversity. Her expertise is in Polyporales i.e Wood Rotting Fungi. She has reported 65 new records of Polyporales to Union Territory of Jammu and Kashmir, 20 new records of Polyporales to India and one species as a new to Science i.e *Gloeophyllum longisporum*.