

**SPECIES LISTING OF BRACKET MACROFUNGI COLLECTED
IN BARANGAY POBLACION, PARACELIS,
MOUNTAIN PROVINCE**

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ABSTRACT

PAGADUAN, MARIANE ANN YARTE, Department of Biological Sciences, College of Arts and Sciences, Central Luzon State University, Science City of Munoz, Nueva Ecija, Philippines, **JUNE 2019, SPECIES LISTING OF BRACKET MACROFUNGI COLLECTED IN BARANGAY POBLACION, PARACELIS, MOUNTAIN PROVINCE.**

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Polypores, also known as bracket fungi are macrofungi forming woody fruiting bodies with pores or tubes on the bottom. Bracket macrofungi possess varying degree of edibility and plenty of them are incorporated into the pharmacopeia and medicine of indigenous people worldwide. This study aims to contribute in the growing knowledge about bracket fungi and reveal their importance in the community. A total of nineteen bracket macrofungi were identified belonging to five families, twelve genera and seventeen species. Seventeen of collected macrofungi were identified up to its species level and two macrofungi were only identified at its genus level. The collected samples were subjected to morphological identification based on its macroscopic and microscopic characteristics. The morphologically identified macrofungi were *Irpex lacteus*, *Ganoderma applanatum*, *Ganoderma fornicatum*, *Ganoderma lucidum*, *Earliella scabrosa*, *Favolus acervatus*, *Fomes fomentarium*, *Lenzites elegans*, *Microporeus xanthopus*, *Trametes elegans*, *Trametes gibbosa*, *Trametes hirsuta*, *Trametes versicolor*, *Trametes* sp. 1, *Trametes* sp. 2, *Daldinia concentrica* and *Xylaria papulis*.

Two of the collected macrofungi were molecularly identified using ITS gene primer and BLAST analysis. The *Pycnoporus sanguineus* which has 99.66 percent identity and

the *Fomitopsis feei* which has 98.65 percent identity to similar samples deposited at GenBank.

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