

# THE FISH AND PRAWN DIVERSITY OF SUNGAI PASU, MIRI, SARAWAK

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## ABSTRACT

Sungai Pasu is one of the adjoining rivers to Kuala Baram and plays a significant economic role in terms of fisheries. This study was carried out to investigate the fish and prawn species diversity in Sungai Pasu using local fishing boats and cast net in wet season and dry season. The wet season in this study was in March 2019, November 2019, and March 2020, while the dry season was in April to August 2019. Fish and prawn diversity indices were calculated using Shannon-Weiner and Pielou Evenness. A total of 37 species from 24 families were recorded. The dominant fish species recorded was *Kurtus indicus*

**Keywords:** (31.19%), whereas dominant prawn species was *Fenneropenaeus merguensis* (10.64%).

Sungai Pasu, The highest number of species was recorded in March 2020 (20) while August 2019 diversity, cast net, recorded the lowest species (8). For Shannon-Weiner ( $H'$ ) and Pielou Evenness ( $J$ ) index, wet season, dry in March 2019 showed the highest index with 2.54 and 0.86 and August 2019 showed the season lowest index with 1.28, 0.62 respectively.