

V. CONCLUSION AND SUGGESTION

5.1 Conclusion

This research collected 240 stingless bees individuals belonging to six species and four genera from three vegetated habitats located at anthropogenic area, forest edge, and forested area; each represented by three sites in Lubuk Minturun, Koto Tengah, Padang, West Sumatra were recorded. *Lepidotrigona* and *Tetragonula* were represented by two species collected, while *Geniotrigona* and *Heterotrigona* were only represented by a single species.

The diversity of stingless bees was assessed as low ($H' = 1.07$), while the studied habitats were moderately similar in terms of species diversity ($E = 0.66$) which also indicated the instability of stingless bee communities among habitats.

5.2 Suggestion

This research is expected to provide further baseline and reference data for specific assumptions or studies on diversity of Apidae: Meliponini from three vegetated habitats located at anthropogenic area, forest edge, and forested area, especially in Padang, West Sumatra, Indonesia.