

V. CONCLUSIONS DAN SUGGESTION

A. Conclusions

Based on the research and the results obtained, it can be concluded that:

1. The leaves of *Pararuellia napifera* are characterized by a unique color pattern, dark green on the dorsal and purple on the ventral. The leaves are relatively same in size, and the species produces white flowers during its generative phase.
2. Several drying methods in this study did not significantly affect quantitative research methods. In the descriptive qualitative research, sun-drying led to a less optimal color outcome compared to both oven-drying and air-drying.
3. The highest polyphenol and flavonoid content are found in the sun-drying method, and the maximum alkaloid content is found in the oven-drying method.

B. Suggestion

To improve the results of future research, it is necessary to evaluate the treatment, including increasing the concentration in the quantitative method to meet the standard curve. Further tests should also be conducted to identify the types of polyphenol compounds, flavonoids, and alkaloids using Thin Layer Chromatography (TLC) and High-Performance Liquid Chromatography (HPLC-UV/MS) with UV-Vis or Mass detectors.