

V.CONCLUSIONS AND SUGGESTION

A. Conclusions

The conclusions of this research are as follows:

1. Based on research conducted in Somagede District, Banyumas Regency, 1,006 *Piper* individuals from 6 species were found, including 476 *P. nigrum* individuals, 390 *P. cubeba* individuals, 67 *P. retrofractum* individuals, 52 *P. betle* individuals, 18 *P. sarmentosum* individuals, and 3 *P. aduncum* individuals.
2. The phenetic relationship analyzed using the UPGMA method shows that the closest phenetic relationship is between *P. nigrum* and *P. cubeba* with a dissimilarity index value of 0.355. The furthest phenetic relationship is between *P. sarmentosum* and *P. aduncum* with a dissimilarity index value of 0.871.

B. Suggestion

Further research is suggested to examine the influence of environmental factors such as altitude, light intensity, and humidity on morphological variation in the genus *Piper*.