

## 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*.