

V. CONCLUSION AND SUGGESTION

A. Conclusion

Based on the results of the study and discussion, it can be concluded that

1. The IGS *trnL*(UAA)-*trnF*(GAA) sequences of approximately 500 bp were obtained in the two cultivars of *Rhynchosyilis gigantea* (Lindl.) Ridl.
2. The *R. gigantea* cultivars of peach flowers and white flowers could not be distinguished by using the IGS *trnL*(UAA)-*trnF*(GAA) sequence despite some genetic difference with respect to the sequence among the six samples.

B. Suggestion

Further studies on the genetic differences between two cultivars of *R. gigantea* employing more molecular markers, particularly those related to the expression of flower phenotypes are needed. These are specifically involved in the expression of anthocyanin, such as genes encoding for anthocyanidin synthase (ANS), chalcone synthase (CHS), flavonoid 3-hydroxylase (F3H) and dihydroflavonol 4-reductase (DFR).

