

V. CONCLUSION AND SUGGESTION

5.1 Conclusion

Based on analysis using mitochondrial COI gene fragments of *Aonyx cinereus* from Kayu Tanam along 590 bp, two specific bases of *Aonyx cinereus* markers from Kayu Tanam were known to be in the 281st (T bases) and 581st (A bases) can be used as a distinguishing character of *Aonyx cinereus* species from Kayu Tanam with *Aonyx cinereus* from other populations with designing specific primer. Also, they obtained A and T specific bases of *Aonyx cinereus* Sundaland species designators at 32nd (A bases).

5.2 Suggestion

Based on the research that has been done, it is recommended to add other gene markers such as D-Loop for genetic variation analysis of *Aonyx cinereus* from Kayu Tanam.

