

V. CONCLUSION AND SUGGESTION

A. Conclusion

Based on the result and discussion research can be concluded that:

- a. Sex ratio of snakehead fish in the Bodo River is balanced.
- b. GML data suggested that May and June are not prime spawning periods.
- c. GSI data indicate that May and June not prepared to spawn.
- d. The first mature gonads in female at a size between 20.2-21.3 cm.
- e. Snakehead fish Fecundity (1,280 to 14,022 eggs) is fairly good.
- f. Egg size (0.92 to 1.12 mm) is good.
- g. Water quality at 10 station of the Bodo river is good.

B. Suggestion

To maintain the presence of snakehead fish in the Bodo River, stricter regulations regarding fishing restrictions are needed, specifically that fish caught must be larger than the size at which they first gonad maturity. This is important to implement considering that snakehead fish have a relatively high economic value.