

ABSTRAK

Skripsi ini berjudul “Morfoanatomi dan Aspek Reproduksi Ikan Sapu-Sapu (*Hyposarcus pardalis*) di Hulu dan Hilir Sungai Klawing, Kabupaten Purbalingga”. Penelitian mengenai Morfoanatomi dan aspek reproduksi Ikan Sapu-Sapu masih sangat jarang. Tujuannya untuk mengetahui morfoanatomi dan aspek reproduksi Ikan Sapu-Sapu di Hulu dan Hilir Sungai Klawing. Pengambilan sampel dilakukan pada Mei dan Juni 2023 di 2 bagian hulu, 3 stasiun yaitu Karangturi, Banjaran dan Lamongan. Hilir 3 stasiun yaitu Jetis, Bokol, dan Kedungbenda. Data dianalisis secara deskriptif dan kuantitatif. Pengolahan data dengan menggunakan *Microsoft excel*. Morfologi Ikan Sapu-Sapu mempunyai tubuh pipih (*depressed*), berwarna hitam kecoklatan, posisi mulut dibawah hidung, (*inferior*), sisik gerigi kecil (*ctenoid*), bentuk sirip ekor sirip yang lurus atas ke bawah (*truncate*). Nilai rata-rata IGS hulu jantan 13,87%; betina 13,31% dan hilir jantan 9,39%; betina 9,5%. Nilai rata-rata IHS hulu jantan 4,38%; betina 4,24% dan hilir jantan 2,11%; betina 2,06%. Nilai rata-rata IVS hulu jantan 7,66%; betina 8,04% dan hilir jantan 4,07%; betina 4,34%. Kualitas air di hulu dan hilir Sungai Klawing, Kabupaten Purbalingga dalam kisaran yang layak untuk pertumbuhan Ikan Sapu-Sapu.

Kata Kunci : Ikan Sapu-Sapu; Morfoanatomi; Aspek reproduksi; Sungai Klawing.



ABSTRACT

This thesis is entitled "Morphoanatomy and Reproductive Aspects of Plecofish (*Hyposarcus pardalis*) in the Upstream and Downstream of the Klawing River, Purbalingga Regency". Research on morphoanatomy and reproductive aspects of plecofish very few. The goal is determine morphoanatomy and reproductive aspects of Plecofish the Upstream and Downstream of the Klawing River. Sampling will be carried out in May and June 2023 in 2 section parts, upstream 3 stations, namely Karangturi, Banjara and Lamongan. Downstream of 3 stations, namely Jetis, Bokol, and Kedungbenda. The data were analyzed descriptively and quantitatively. Data processing by using Microsoft excel. Morphology of the plecofish has a flattened body (*depressed*), brownish-black in color, position of the mouth under nose, (*inferior*), small serrated scales (*ctenoid*), shape of the tail of fin is straight up to down (*truncate*). The average IGS value of upstream males was 13.87%; females 13.31% and downstream males 9.39%; females 9.5%. The average value of male upstream IHS is 4.38%; females 4.24% and downstream males 2.11%; females 2.06%. The average IVS value of male upstream IVS was 7.66%; females 8.04% and downstream males 4.07%; females 4.34%. Water quality the upstream and downstream of the Klawing River, Purbalingga Regency within decent range growth of Plecofish.

Kata Kunci : *Pleco fish; Anatomicalmorpho; Reproductive aspects; Klawing river.*

