

ABSTRAK

Penelitian ini berjudul “Morfologi dan Aspek Reproduksi Ikan Tawes (*Barbonymus gonionotus*) di Hulu dan Hilir Sungai Klawing, Kabupaten Purbalingga”. Ikan tawes merupakan spesies asli Indonesia yang banyak ditemukan di perairan tawar *lotic*. Tujuan penelitian untuk mengetahui morfologi dan aspek reproduksi ikan tawes di hulu dan hilir Sungai Klawing. Data dianalisis secara deskriptif kuantitatif menggunakan *microsoft excel*. Pengambilan sampel dilakukan pada Bulan Mei dan Juni 2023. Terdapat 3 stasiun hulu yaitu Desa Karangturi, Desa Banjaran, dan Desa Lamongan. Terdapat 3 stasiun hilir yaitu Desa Jetis, Desa Bokol, dan Desa Kedungbenda. Morfologi Ikan Tawes yaitu bentuk tubuh pipih dan memanjang; letak mulut *terminal*; sisik *ctenoid*; sirip ekor bercagak; dan warna tubuh keperakan. IGS tertinggi hulu yaitu ikan jantan 14,5% stasiun 2 Banjaran, hilir yaitu ikan betina 20,1% stasiun Jetis. IHS tertinggi hulu yaitu ikan jantan 5,4% stasiun 2 Banjaran, hilir yaitu ikan jantan 3,8% stasiun Jetis dan ikan betina 3,8% stasiun Bokol. IVS tertinggi hulu yaitu ikan jantan 8,6% stasiun 2 Banjaran, hilir yaitu ikan betina 7,6% stasiun Jetis. Ikan tawes dalam kondisi matang gonad namun belum siap memijah.

Kata kunci: Ikan Tawes; Morfologi; Aspek Reproduksi; Sungai Klawing



ABSTRACT

This research is entitled “Morphology and Reproductive Aspects of Tawes (*Barbonymus gonionotus*) in the Upper and Lower Klawing River, Purbalingga Regency”. Tawes is a native Indonesian species that is found in lotic freshwater. The purpose of the study was to determine the morphology and reproductive aspects of tawes in the upper and lower reaches of the Klawing River. Data were analyzed descriptively quantitatively using Microsoft Excel. Sampling was conducted in May and June 2023. There are 3 upstream stations namely Karangturi Village, Banjaran Village, and Lamongan Village. There are 3 downstream stations namely Jetis Village, Bokol Village, and Kedungbenda Village. Morphology of Tawes Fish is flat and elongated body shape; terminal mouth location; ctenoid scales; spotted caudal fin; and silvery body color. The highest IGS upstream was male fish 14,5% station 2 Banjaran, downstream was female fish 20,1% station Jetis. The highest IHS upstream was male fish 5,4% station 2 Banjaran, downstream was male fish 3,8% station Jetis and female fish 3,8% station Bokol. The highest IVS upstream was male fish 8,6% station 2 Banjaran, downstream was female fish 7,6% station Jetis. Tawes are in gonadal maturity but not yet ready to spawn.

Keywords: *Tawes Fish; Morphology; Reproductive Aspects; Klawing River*

