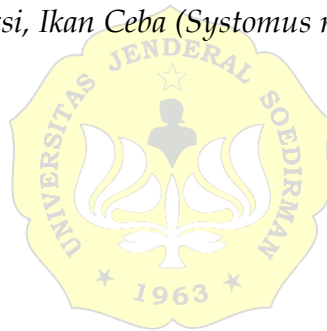


ABSTRAK

Penelitian ini berjudul “Aspek Reproduksi Ikan Ceba (*Systomus rubripinnis*) di Sungai Teba, Kabupaten Kebumen, Jawa Tengah”. Ikan Ceba merupakan spesies ikan air tawar dari keluarga *Cyprinidae*. Tujuan penelitian ini untuk mengetahui aspek reproduksi Ikan Ceba (*Systomus rubripinnis*) di Sungai Teba, Kabupaten Kebumen, Jawa Tengah. Penelitian menggunakan teknik *purposive random sampling* dan data dianalisis secara deskriptif dan kuantitatif. Pengambilan sampel dilakukan pada bulan Mei dan Juni 2023 di 10 titik, sepanjang Sungai Teba. Hasil penelitian menunjukkan perbandingan rasio kelamin ikan ceba jantan dan betina adalah 1 : 1,3, tergolong seimbang, dengan TKG yang didominasi pada TKG I dan II. Nilai IGS ikan jantan 0,05-0,17%, dan betina 0,05-14,32%. Fekunditas telur ikan ceba berada pada angka 678-17824, dengan rerata diameter telur TKG III sebesar 0,5 mm dan TKG IV sebesar 0,6 mm. Ukuran pertama kali matang gonad ikan jantan dan betina ditemukan pada panjang 12 cm. Dapat disimpulkan bahwa Ikan Ceba yang tertangkap selama penelitian belum siap memijah.

Kata Kunci: *Aspek Reproduksi, Ikan Ceba (Systomus rubripinnis), Sungai Teba*



ABSTRACT

This research is entitled "Reproduction Aspects of Javaen Barb (*Systemus rubripinnis*) in the Teba River, Kebumen Regency, Central Java". Ceba fish is a species of freshwater fish from the *Cyprinidae* family. The aim of this research was to determine the reproductive aspects of the Ceba Fish (*Systemus rubripinnis*) in the Teba River, Kebumen Regency, Central Java. The research used a purposive random sampling technique and the data was analyzed descriptively and quantitatively. Sampling was carried out in May and June 2023 at 10 points along the Teba River. The research results showed that the sex ratio of male and female ceba fish was 1: 1.3, classified as balanced, with TKG dominated by TKG I and II. The IGS value of male fish is 0.05-0.17%, and female fish is 0.05-14.32%. The fecundity of ceba fish eggs is 678-17824, with an average diameter of TKG III eggs of 0.5 and TKG IV of 0.6 mm. The size of the first mature gonads of male and female fish was found to be 12 cm long. It can be concluded that the Ceba fish caught during the research were not ready to spawn.

Keywords: Reproduction Aspects, Javaen Barb (Systemus rubripinnis), Teba River

