

HUBUNGAN PANJANG-BERAT DAN FAKTOR KONDISI WADER PARI (*Rasbora lateristriata* Bleeker, 1854) DI RAWA JOMBOR KABUPATEN KLATEN

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Intisari

Penelitian ini bertujuan untuk mengetahui hubungan panjang-berat dan faktor kondisi ikan wader pari (*Rasbora lateristriata*) di Rawa Jombor, Kabupaten Klaten. Pengambilan sampel ikan dilakukan setiap dua minggu sekali selama bulan Desember 2014 s/d November 2015. Ikan ditangkap menggunakan jaring insang ukuran 0,5 inc dan jala. Sampel ikan wader pari berjumlah 1.291 ekor terdiri dari betina 977 ekor (76%) dan jantan 314 ekor (24%). Hasil penelitian menunjukkan ikan wader pari betina di Rawa Jombor memiliki panjang total 4,5-9,5 cm dengan berat total 1,08-8,25 g dan ikan wader pari jantan memiliki panjang total 4,5-8,7 cm dengan berat total 0,77-4,66 g. Ikan wader pari betina paling banyak ditemukan pada ukuran 5,76-7,25 cm (72,36%) dan berat total 1,26-3,25 g (78,50%). Ikan wader pari jantan paling banyak ditemukan pada ukuran 5,26-6,25 cm (83,43%) dan berat total 1,26-1,75 g (60,82%). Pola pertumbuhan ikan wader pari betina di Rawa Jombor bersifat isometrik ($W=0,0086L^{3,0126}$) sedangkan ikan wader pari jantan bersifat allometrik negatif ($W=0,0125L^{2,7238}$). Faktor kondisi relatif ikan wader pari betina berkisar antara 0,55-2,44 dan ikan wader pari jantan berkisar antara 0,78-1,43. Rata-rata faktor kondisi ikan wader pari di Rawa Jombor pada keadaan baik dan proporsi faktor kondisi sangat baik tertinggi terjadi di bulan Desember dan Februari.

Kata kunci: faktor kondisi, hubungan panjang-berat, Rawa Jombor, wader pari

LENGTH-WEIGHT RELATIONSHIP AND CONDITION FACTOR OF
YELLOW RASBORA (*Rasbora lateristriata* Bleeker, 1854)
IN RAWA JOMBOR KLATEN REGENCY

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Abstract

The study has purposed to know the length-weight relationship and condition factor of Yellow Rasbora (*Rasbora lateristriata*) in Rawa Jombor, Klaten Regency. Field data collection was conducted every two weeks from December 2014 to November 2015. The Yellow Rasbora was captured by gill net with mesh size of 0.5 inch and fish net. There were 1,291 samples of Yellow Rasbora consisted of 977 female (76%) and 314 male (24%). The results showed that female Yellow Rasbora has a total length from 4.5 to 9.5 cm with a total weight from 1.08 to 8.25 g, while male Yellow Rasbora has a total length from 4.5 to 8.7 cm with a total weight from 0.77 to 4.66 g. Most of female Yellow Rasbora found on size from 5.76 to 7.25 cm (72.36%) and a total weight from 1.26 to 3.25 g (78.50%). While male Yellow Rasbora found on size from 5.26 to 6.25 cm (83.43%) and a total weight from 1.26 to 1.75 g (60.82%). The growth pattern of female Yellow Rasbora was isometric ($W = 0,0086L^{3,0126}$) while the male one was negative allometric ($W = 0,0125L^{2,7238}$). The range of condition factor of female Yellow Rasbora from 0.55 to 2.44 and the male one from 0.78 to 1.43. The average of condition factor of Yellow Rasbora in Rawa Jombor was in a good condition and the best proportion occurred on December 2014 and February 2015.

Keywords: condition factor, length-weight relationship, Rawa Jombor, Yellow Rasbora