Morphometrics and genetic diversity of Tegal, Magelang and their crossbred ducks based on Cytochrome b gene

Author Order 3 of 3 Accreditation 1 This experimen Magelang, and Tegal, Magelar The body weigh were recorded characteristics.	It was conducted to study the morphometric and genetic diversity of Tegal, their crossbred ducks. Each ten female about twenty weeks old ducks from ng, Gallang, and Maggal ducks, respectively, were used as the group materialss. Int, chest circumference, body length, shank length, neck length, and pubis width and tested by analysis of variance of one way classification as the morphometric Polymorphism of cytochrome b (cyt b) gene on mitochondrial DNA (mtDNA) was
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RFLP). Genetic tree was reconsidifference (P<0 population, while between Gallar It is concluded	olymerase Chain Reaction-Restriction Fragment Length Polymorphism (PCR-c distance was analyzed based on value of heterozygosity, whereas the phylogeny structed using MEGA6 software. The results showed there were highly significant 0.01) on body weight, chest circumference, body length, and neck length between le shank and pubis width were not significant different. The genetic distance and Maggal ducks (0.206) was higher than Tegal and Magelang ducks (0.169). that the reciprocal crosses increased the morphometric and genetic diversity of all duck population.
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