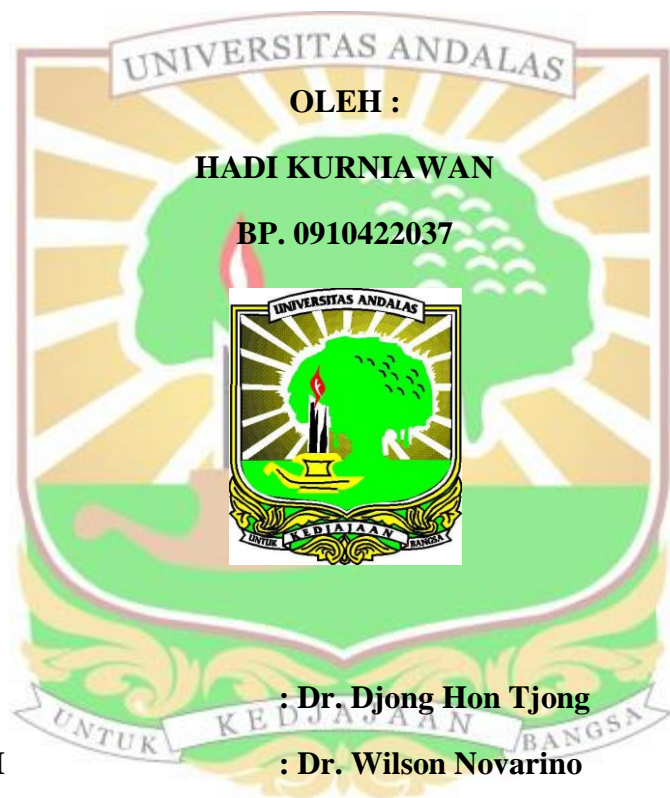


VARIASI MORFOLOGI
**ULAR CANTIK MANIS (*Tropidolaemus wagleri* Wagler, 1830) (Serpentes :
Viperidae)**
DI SUMATERA BARAT

Skripsi Sarjana Biologi



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ABSTRAK

Penelitian tentang variasi morfologi ular *T.wagleri* telah dilakukan pada empat lokasi di Sumatera Barat dengan metode survei dan koleksi langsung. Pengambilan sampel dilakukan di Padang dan Padang Panjang pada bagian barat Bukit barisan serta Payakumbuh dan Dharmasraya di bagian timur Bukit Barisan. Analisis morfologi dilakukan pada 20 karakter mensural (morfometri) dan 19 karakter multistate (meristik) pada 21 sampel *T.wagleri*. Hasil penelitian memperlihatkan variasi yang terjadi antara populasi betina di bagian barat dan timur bukit barisan, namun tidak ditemukan variasi antar populasi *T. wagleri* jantan. Karakter morfologi yang memperlihatkan perbedaan signifikan adalah panjang kepala (HL) dan jumlah sisik lingkaran leher (NSR). Populasi bagian barat Bukit Barisan memiliki panjang kepala (HL) dan panjang moncong (SnL) yang lebih pendek dibandingkan dengan bagian timur Bukit Barisan. Jumlah sisik lingkaran leher populasi bagian barat Bukit Barisan memiliki jumlah yang lebih besar dibandingkan bagian timur Bukit Barisan. Berdasarkan dendrogram UPGMA, populasi *T. wagleri* betina di Padang Panjang cenderung lebih dekat dengan populasi di Padang dibandingkan ke Dharmasraya.

Key word : *Tropidolaemus wagleri*, Bukit Barisan, Variasi, karakter,



Abstract

Research on the morphological variations *T.wagleri* has been done at four locations in West Sumatra. This study was conducted using the direct survey and sampling in the fieldwork. The study sites were divided into two categories based on Bukit Barisan range which stretching from North to South Sumatra island consist of Padang, Padang Panjang in western part of Bukit Barisan, and Payakumbuh, Dharmasraya in eastern part of Bukit Barisan. In total 21 individual *T.wagleri* were analysed based on 20 mensural characters (morphometric) and 19 multistate characters (meristic). The result showed their significant variation between female *T. wagleri* between western and eastern part of Bukit Barisan range. In contrast, the variation has not detected among the population of *T. wagleri* male. The morphological character which showed the significant value are Head Length (HL) and Neck Scales Row (NSR). The west population of *T. wagleri* has more shorter Head Length (HL) and Snouth Length (SnL) than east population. However, the west *T. wagleri* population has more number in Neck Scales Row (NSR) character than east population. The population of female *T. wagleri* in Padang Panjang has more close relationship to Padang than to female population *T. wagleri* in Dharmasraya based UPGMA tree.

Key words : *Tropidolaemus wagleri*, Bukit Barisan, Variation, Character

