

ASSESSMENT OF LEAD IN HERPETOFAUNA SPECIES

IN ABEOKUTA METROPOLIS

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ABSTRACT

The project was conducted to assess the herpetofauna species diversity in three mechanic villages in Abeokuta metropolis, Ogun state. The project was also conducted to study the compare the relative abundance of dormant species of herpetofauna in the study area. The project was also conducted to assess the level of lead in the content in dormant herpetofauna specie in the study area. Questionnaires were administered to people working in the study areas to know the location, period of the day and season of the year the herpetofauna species are seen. The result of the Lead test and content in blood varied from 0.09 to 0.15 mg/L at Camp mechanic village while at Idiaba mechanic village varied from 0.10 to 0.19 mg/L and at Lafenwa mechanic village varied from 0.15 to 0.25 mg /L. The result of the Lead test and content in blood conducted on samples collected on neutral site which varied from 0.05 to -- 0.09 mg/L.