

**FLORA AND PHYSICAL CHARACTERIZATION OF GRASSLAND
ECOSYSTEMS IN SELECTED TOWNS OF UPLAND CAVITE**

COLLEGE OF ARTS AND SCIENCES

Thesis of: **SHERYLL BURASCA AMBATA**

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Indang, Cavite**

APPROVED:

SALISON C. PENUS

Adviser

05/29/00

Date

ANGELINA S. ORDONEZ

Technical Critic

3-29-2000

Date

JOSEFINA R. RINT

Research Coordinator

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grassland ecosystems in selected towns of
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SHERYLL BURASCA AMBATA

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ABSTRACT

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The floral and physical characteristics of the grassland ecosystems in selected towns of upland Cavite were studied.

The study was conducted at six selected towns of upland Cavite, with three selected barangays of each town. The study sites in Silang were Maguyam, Balubad II, and Muntingilog. Sites in Amadeo were Poblacion, Dagatan, and Maitim. In Mendez the sites were Panungyan, Patutong Malaki, and Anuling. Indang sites were of Alulod, Bancod, and Mahabang Kahoy. Trece Martirez sites were San Agustin, De Ocampo, Hugo Perez. Magallanes sites were Caluangan, Ramirez and Pook.

The grassland ecosystems in Upland Cavite were found to be dominated by perennial species of grasses, sedges, and herbaceous plants. Twenty four species of plants were identified. The density and frequency of the plant species were found to be affected by the physical condition in the area.

The different towns had an atmospheric temperature ranging from 30-32 °C, soil temperature of 25 - 28 °C, a relative humidity of 61 - 80%, and light intensity ranging from 238 - 325 footcandles.

The previous crops planted in the grassland ecosystems were also found to affect the occurrence of species in the study sites.

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