

July 19, 1927.

The Director,  
Bureau of Forestry,  
Manila, P. I.

Sir:

A study is being made of the frequency of lightning in the Philippines. One feature of the problem is the frequency certain kinds of trees are struck by lightning. No men are more qualified to give accurate information than your foresters. May I ask your assistance in obtaining an answer to the following questions.

- 1.- In the areas examined or surveyed by your foresters, what kind or species of trees are found to have been preferentially struck by lightning?
- 2.- Is it always experimentally true that the higher the tree the greater the probability of being struck? Has any tree been found struck by lightning and surrounded by other higher trees, yet undamaged?
- 3.- What is the effect of lightning on the tree? burning? splintering? stripping? secreting a liquid?
- 4.- Does one stroke of lightning affect one tree only, or several surrounding trees are affected by the same lightning?

Thanking in anticipation for the information, I remain

Yours very respectfully,

MIGUEL SELGA  
Director, Weather Bureau.

Ms/cue