



ST. Croix Hazard Tree Assessment Progress Report - August 2010

Completed Assessment Areas : St. Croix, U.S. Virgin Islands



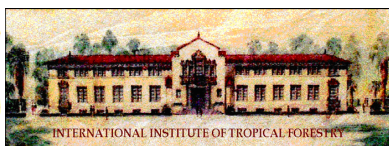
Roadsides Assessed (Km)	# Trees Assessed	Poles Mapped
128 km	1000	453

August was a busy month for the roadside tree assessment. We assessed 128 km (80 miles) of roadsides and assessed more than one-thousand trees. Forty-seven unique tree species have been identified thus far. Five tree species have dominated the rights of way accounting for 77% of all individual trees. The following table provides some basic metrics for the most common species and the overall population.

Table : Five most abundant species and attributes

Species	Local Name	Tree Count	% Total	Avg # Stems	Avg Ht (m)	Avg DBH (cm)
<i>Melicoccus bijugatus</i>	Genip	307	37%	2.3	9.2	37.1
<i>Tamarindus indica</i>	Tamarind	141	17%	1.3	10.6	53.2
<i>Swietenia mahogani</i>	Mahogany	97	12%	1.7	10.3	45
<i>Albizia lebeck</i>	Tibit	66	8%	1.7	8.5	26.1
<i>Trema micranthum</i>	White Manjack	24	3%	2.3	5.4	20.6

Approximately one-third of trees were determined to be 'in conflict' with utility lines and poles. The average health rating for all trees ranged from low to medium on a 1-5 scale (very low to very high). The majority of trees have some potential as a hazard and have a hazard average rating of 3 (medium). The most common potential targets are power lines and roads.



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