

DISTRIBUTION OF USEFUL PLANTS WITH CONSERVATION NEEDS AT SAN MARTÍN DE AMACAYACU COLOMBIAN AMAZON

**Maria Catalina Lopera, Jose Gregorio, Mamerto Gregorio,
Reinaldo DaSilva**

Society for Conservation GIS
Big Bear Lake, USA
2011

Fundación
TECHIWA

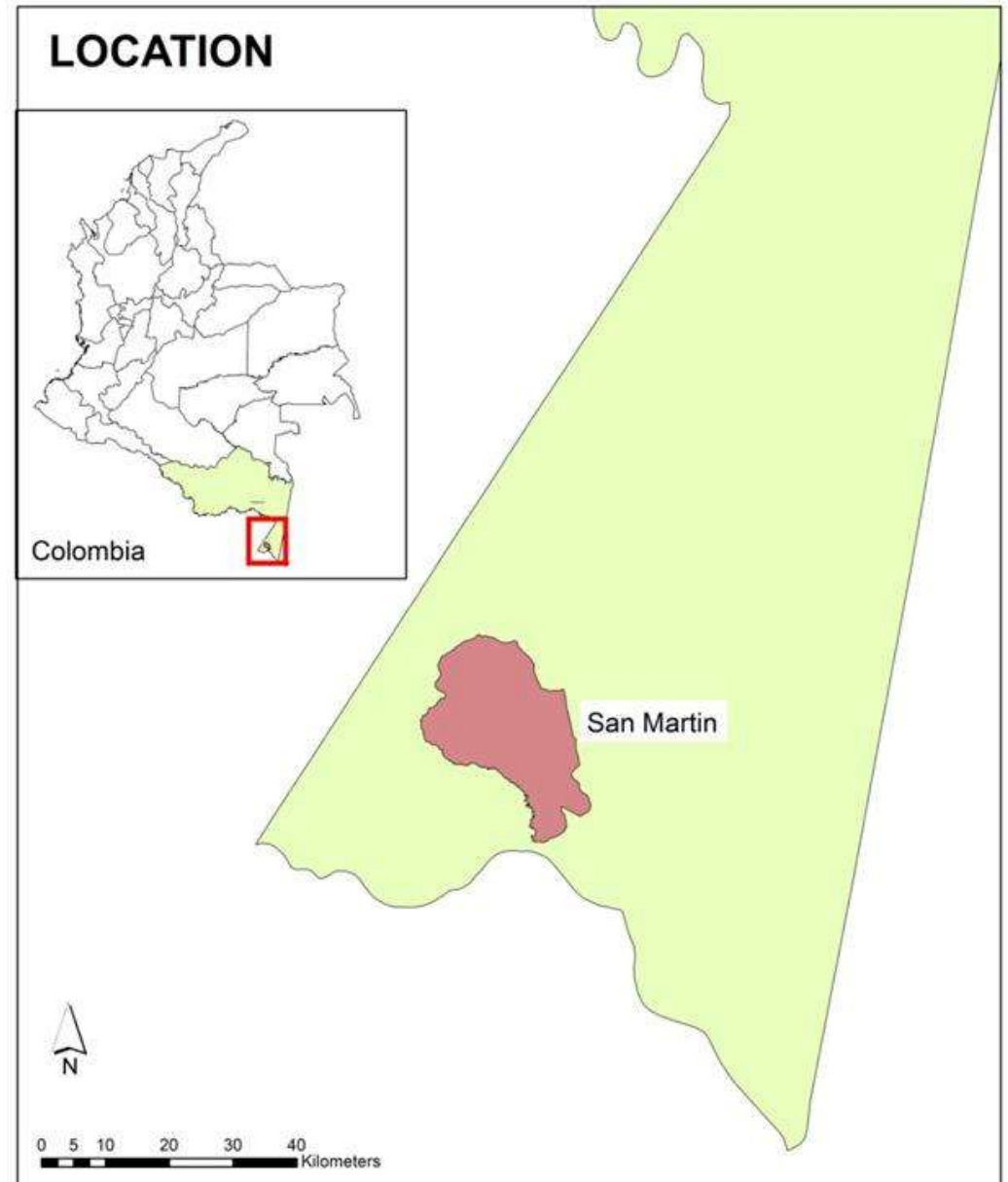

the small world foundation



LOCATION

San Martin de Amacayacu is a Tikuna indigenous community of about 500 inhabitants

Located in the jungle of the so-called Amazon Trapezium, in the most southern tip of Colombia, near the shore of the Amazon River



PRESENTATION PLAN

- The Amazon
- Useful plants
- Objectives of study
- Methods
- Results so far
- What is next



THE AMAZON

- High biodiversity
- Availability of many important useful resources has decreased drastically because of the overexploitation
- A large part of this loss pertains to timber trees and palms used for construction, thatching, furniture, and hand crafts.

AT THE AMAZON

Some useful plants



Palo Sangre (*Brosimum rubescens*)



Cedro (*Cedrela odorata*)



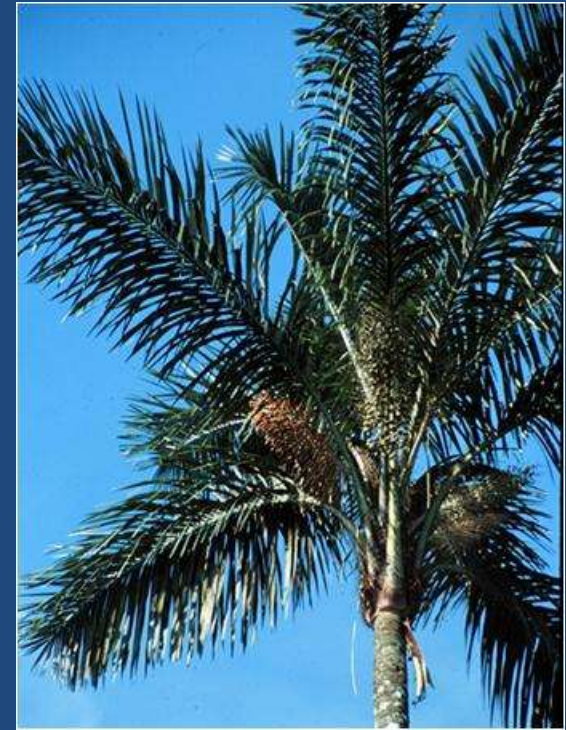
Castaño
(*Scleronema micranthum*)



AT THE AMAZON

Chambira (*Astrocaryum chambira*)

Carana (*Lepidocarium tenue*)



AT THE AMAZON

There is a need of resources conservation

First step: Knowing what we have and where.

Inventorying natural resources help to plan sustainable management and plan their future availability.

SAN MARTIN DE AMACAYACU



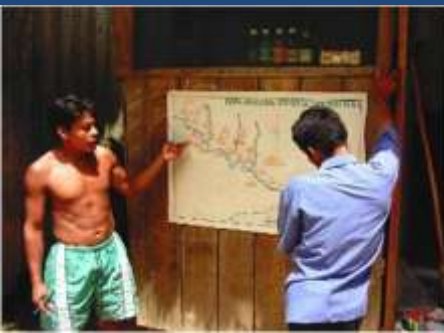
AIM OF STUDY

Principal objective

Look for useful plants with conservation needs and get an understanding of their dynamics so we can plan their conservation

How do we achieve this?

- Create a map of the most important useful plant populations.
- Analyze plant population distributions and their environmental conditions
- Propose conservation plans for these species.



METHODS

Community mapping

Talking with the elders and placing some important sites on paper:

- Ancestral territory boundaries.
- Cultural sites: Malokas, cemeteries, old paths, sacred sites.
- Fishing sites: Lakes and Amacayacu river affluents.
- Hunting sites: Salt licks and hunting trails.
- Agricultural sites.
- Plant and animal sites

