

Project S-99/07-P

## CITES PROJECT PROPOSAL

**1. Project title**

Genetic identification of species of the genus *Crocodylus* in Colombia

**2. Date of submission**

October 1998

**3. Presented by**

Area de Genética, Departamento de Biología de la Universidad Nacional de Colombia –  
Ministerio del Medio Ambiente

**4. Project duration**

Phase I: 18 months

**5. Funds requested**

USD 12 000

**6. Objectives**

**GENERAL OBJECTIVES:**

1. Genetic identification ex situ of populations of the species *Crocodylus intermedius*
2. Genetic identification ex situ of populations of the species *Crocodylus acutus*

**SPECIFIC OBJECTIVES:**

1. To analyse the genetic variability of the species and Colombian populations of *Crocodylus* subject to conservation programmes using microsatellite DNA
2. To analyse the genetic variability of each of the species and populations of *Crocodylus*, subject to conservation programmes using AFLP markers
3. To propose strategies based on genetic variability for reproduction of *Crocodylus* spp.
4. To identify molecular markers for each of the species and populations of *Crocodylus*

- subject to conservation programmes
5. To build a database of information on the genus *Crocodylus* for the programme "Genetic diversity and sustainable management of wildlife"

**9. Budget**

<b>40</b>	<b>Equipment</b>	<b>USD</b>
4100	Expendable equipment	10 000
<b>50</b>	<b>Miscellaneous</b>	
5200	Preparation of final report	2 000
	<b>TOTAL</b>	<b>12 000</b>