

Saguinus leucopus Conservation Program
2006-2010
Report Activities 2007



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Ex-situ Projects

1. Captive breeding program of *Saguinus leucopus*, including studbook (Second year)

At this moment we have built 14 enclosures and we have 32 breeding pairs as follows:

Institution	Animals on breeding cages	n exhibition	Total
Piscilago	8 (-3 dead)	0	5
Santacruz	8	2	10
Santa Fe	8	2	10
Cafam	8	2	10
Total	29	6	35

We have had mortality of 2 parents at Piscilago zoo but the babies survived, so we have one enclosure with two babies and an adult male (that is not the father). We have a pregnant female on one of the islands but the father disappeared from it. So far we have had offspring as follows:

<i>Institution</i>	<i>Number of offspring</i>
Piscilago	2
Santacruz	2
Santa Fe	2
Cafam	2 (-1 dead)
Total alive	7

We need more time to establish a stable captive population as we still have problems with survival of adults and offspring. We discussed the possibility of exporting individuals (on a workshop with the Ministry of Environment) to European institutions once we reduce mortality, have a stable captive population and there is F2 on the captive institutions. This

will guaranty the animals born on this program to help raise their siblings. As we now for experiences in Jersey Zoo this is really important for the survival of their own offspring.

ACOPAZOA wants to update the studbook for this species during 2008.



Figure 1. Newborns at Piscilago Zoo

2. Mortality causes in captive *Saguinus leucopus* (Second year)

This project is being lead by Piscilago Zoo and has the participation of 7 other Zoos (Santa Fe, Santacruz, Cafam, Cali, Barranquilla, Jaime Duque, Caimanes). Carolina Falla has analyzed all the information about mortality on this species at Pisilago Zoo since 1999. She is going to replicate this study with other zoos that are involved in the Conservation Program. She found that at Piscilago Zoo the mortality was around 58% (Figure 2) and the maximum time an individual lasted on the collection was 3 years.

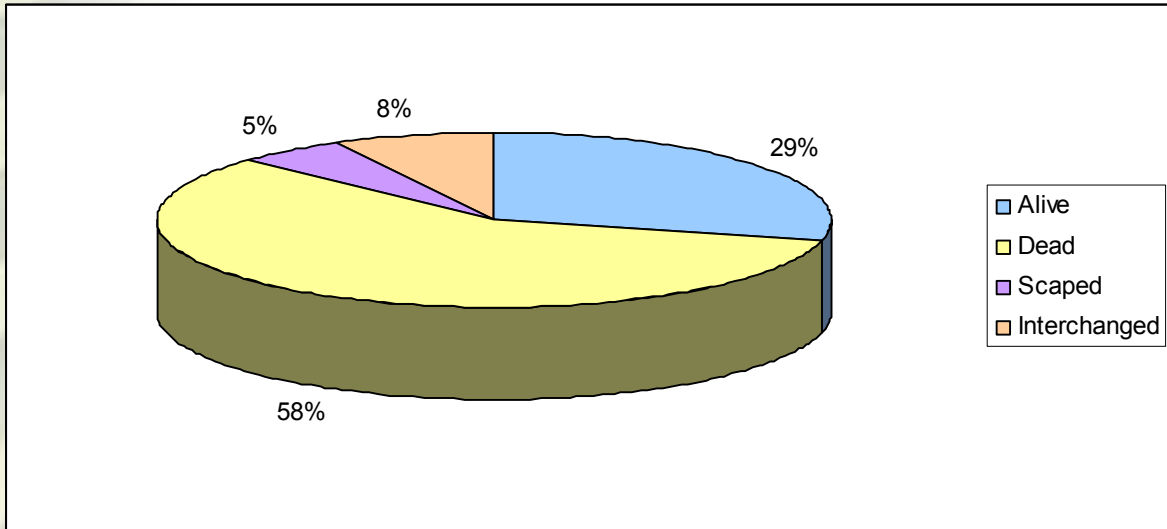


Figure 2. Analysis of the population at Piscilago Zoo between 1999 and 2007

3. Second Workshop on Captive Management of the Silvery Brown Tamarin (*Saguinus leucopus*) in Colombia

The workshop this year was in Piscilago Zoo, from June 26 – 29. We began the organization of this workshop in December of 2006 with the preparation of the program, the conferences, and establishing contacts with the speakers and participants. Dominic Wormell, Thierry Petit and Carles Juan Salles participated as international speakers. We also had twelve national speakers that presented their experiences and work with the species this last year. The workshop counted with the participation of 29 people from 23 institutions (Figure 3).



Figure 3. Practical activity at the second workshop

4. Support to rescue center in Caldas

The program has signed an agreement with CORPOCALDAS to build two rehabilitation cages at their rescue center as well as to start the estimations on densities of wild populations in La Victoria, Caldas. CORPOCALDAS has established this new rescue center that has around a forest area with wild populations of *S. leucopus*.

Education Project

1. Campaign to reduce pet trade

Coordinators: Sandra Gomez¹ and Maria Teresa Gamez²

We have supported the month of the Silvery Brown Tamarin and Santa Fe Zoo. They dedicated March as the month for this species and make activities around the importance of this species conservation. We designed t-shirts for kids and also buttons and stickers (Figure 4).



Figure 4. The Month of the Silvery Brown Tamarin.

We had a meeting with the Ministry of environment, and the 6 government agencies to set guidelines for a national campaign against pet trade, using *S. leucopus* as one of the flagship species for this campaign. We had another meeting the 16th of August to define ways to collaborate and interchange educational material between the different institutions. A total of 30 people from different institutions participated on this meeting.

We are also supporting a campaign against the pet trade that CARDER and Pereira Zoo have started. They are targeting people on bus terminals to explain the importance of this issue. We are using the silvery brown tamarin as one of the flagship species for this campaign (Figure 5).

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Figure 5. Campaign against the pet trade at the Pereira terminal

We also produced a booklet with a story to encourage kids not to buy wild animals and we used the Silvery Brown Tamarin as the flagship species. This booklet was possible also to CORPOCALDAS who also provided funds to reproduce this booklet (Figure 6).

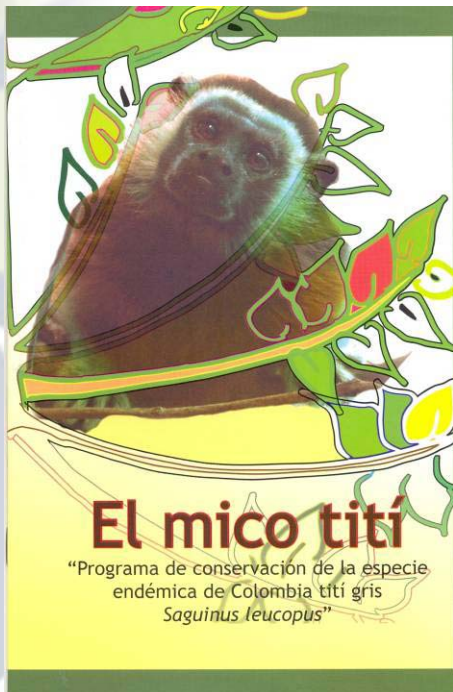


Figure 6. Booklet for children to create awareness about the pet trade problem

In-Situ Projects

1. Densities of *S. leucopus* in Colombia (several localities).

Coordinator: Alba Lucia Morales Jiménez. Fundación BioDiversa Colombia

The objective of this research is to identify forest areas where this species still occurs and to estimate the density of *S. leucopus* in those forests. Population status of *S. leucopus* is not known, and this is a priority research topic for conservation purposes. We signed an agreement with CORPOCALDAS to start the density estimations at La Victoria, Caldas. This forest belongs to this government agency and is next to the rescue center (Figure 7).



Figure 7. Location of La Victoria Caldas

The La Victoria forest has 128 ha of which 34 ha were sampled (Figure 8) using the transect method. A total of four transects were sampled and the sampling effort was 43 km. The estimated density was of 39.5 to 44.7 indv/km². This means that for this forest area we have between 46.8 and 58.6 individuals of *S. leucopus* in this forest.



Figure 8. La Victoria Forest

This forest area is connected to other areas by gallery forests. However, there is not many adjacent forests and this can jeopardize the long term viability of this population of silvery brown tamarins (Figure 9). On the other hand as the figure 6 shows the area is being threatened by human actions such as deforestation and fires.

We started density estimations on other two localities in Antioquia (Maceo and Barbacoas).



Figure 9. *S. leucopus* in La Victoria, Caldas

Events, divulgation and International Meetings

1. National Action Plan Workshop

This workshop was organized by the Ministry of Environment, CORPOCALDAS, Fundacion BioDiversa Colombia and the Association of Colombian Primatologists. This event took place on Manizales, Caldas the 15th and 16th of July (Figure 10). We had 28 participants from government agencies, NPOs and enterprises. We have created a plan to try to guaranty the survival of this species in Colombia. We made some agreements between institutions to combine efforts to preserve this species and its habitat. The results of this workshop will published at the end of this year.



Figure 10. Participating on the creation of a National Action Plan for *Saguinus leucopus*

2. Participation in the course: Interdisciplinary tools and principles for the conservation of endangered species

Silvia Vejarano participated in this course organized by the Conservation Land Trust in Corrientes Argentina from 20th to 27th 2007. The course goals were to understand conservation and the role that NGOs and Government Agencies play for the success of endangered species conservation plans. There were participants from 8 countries from Iberoamerica such as Brazil, Spain, Argentina, Chile, Ecuador, Paraguay, Mexico, Venezuela and Colombia. All the participants chosen for this course were young leaders of conservation projects on endangered species. Silvia was selected among hundreds of participants and was awarded with a scholarship that included the inscription, the food and the accommodation fees. The silvery brown conservation program provided the airfare to Buenos Aires. Silvia presented the conservation program and received feedback form the professors and the participants that is going to be crucial for the future of this program (Figure 11).



Figure 11. Pictures of the course in Argentina.

3. Neotropical Primates Red List Workshop, in Orlando, Florida.

This workshop was held in Disney Animal Kingdom from November 28th to December 1st of this year. Alba Lucia Morales Jimenez was invited by Conservation International and the IUCN primate specialist group to participate in this workshop. We assess the status of *S. leucopus* considering this species Endangered due to habitat loss and high pressure caused by pet trade (Figure 12), before this assessment this species was considered Vulnerable.



Figure 12. Neotropical Primates Red List Workshop

4. Participation on the International Primatological Society Conference and pre-congress workshop in Edinburgh, Scotland.

Alba Lucia Morales Jimenez is going to present the Silvery Brown Tamarin Conservation Program in the conference. At the same time she is going to participate on a pre-congress workshop on techniques to estimate primate densities. This is going to be very important for the conservation program as we have started this phase of the program. This conference is going to be held in Edinburgh from July 28th to August 8th 2008.