

Project Update: May 2011

I've finished the fieldwork season in April 2011 and now I have started the analysis. So far, I found 104 bird species (Table 1), and I'm preparing bird density estimates for each production system in order to produce the density/yield functions.

I have recorded four threatened bird species: *Xanthopsar flavus* (saffron-cowled blackbird), *Rhea americana* (greater rhea), *Xolmis dominicanus* (black-and-white monjita), and *Sporophila cinnamomea* (chestnut seedeater), besides one regionally threatened species: *Cistothorus platensis* (sedge wren).

Table 1: Preliminary biological results for birds in each study site of each productive system.

System	Number of species	System	Number of species
Soya 1	16	Eucalyptus 1	11
Soya 2	28	Eucalyptus 2	10
Soya 3	11	Eucalyptus 3	7
Soya 4	12	Eucalyptus 4	15
Total Soya	44	Total Eucalyptus	22
Extensive 1	25	Intensive 1	27
Extensive 2	31	Intensive 2	39
Extensive 3	32	Intensive 3	20
Extensive 4	22	Intensive 4	22
Extensive 5	24	Intensive 5	15
Extensive 6	24	Intensive 6	19
Total Extensive	59	Total Intensive	62
Natural 1	25		
Natural 2	25		
Natural 3	26		
Natural 4	27		
Total Natural	65		

Dung beetles samples are still being processed and until now I have 18 morphospecies in the whole region. I've added a plant group (Asteraceae) to verify the effects of production intensification, and the species identification is being carried out.

