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ISSUE 63

## 2022 Report of the IUCN Species Survival Commission and Secretariat



The IUCN Species Survival Commission (SSC) is a science-based network of thousands of volunteer experts from almost every country of the world, all working together toward achieving the vision of “a just world that values and conserves nature through positive action to both prevent the loss and aid recovery of the diversity of life on earth.”

Members of SSC belong to one or more of near 200 Specialist Groups, Red List Authorities, Action Partnerships, Task Forces, and Conservation Committees

To accomplish those targets, the Species Conservation Cycle was established, which is the conceptual framework for the Network activities. The Species Conservation Cycle’s main purpose is to guide efforts for valuing and conserving biodiversity through three essential components that are linked to each other:

**A E** : Understand and inform the world about the status and trends of biodiversity.

**LAN**: Develop collaborative, inclusive and science-based conservation strategies, plans and policies.

**AC** : Convene and mobilise conservation actions to improve the status of biodiversity.

Their implementation requires two transversal components:

**NE K**: Enhance and support our immediate network and alliances to achieve our biodiversity targets.

**C MM NICA E**: Drive strategic and targeted communications to enhance our conservation impact.

Stand-alone reports summarize the activities conducted and results generated by each group member of the SSC. Following, is the structure of the stand-alone report and the contents under each session.

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# 2022

# ICN CG



### SOCIAL MEDIA AND WEBSITE

Instagram: @deerspecialistgroup  
 Websites: <https://icneotropical.org>  
<https://www.deerspecialistgroup.org>

### CO-CHAIR

**Susana González**

Departamento de Biodiversidad y Genética, Instituto de Investigaciones Biológicas Clemente Estable, Ministerio de Educación y Cultura, Montevideo, Uruguay

### CO-CHAIR

**Noam Werner**

Haifa Educational Zoo, 124 HaTishbi Street, Haifa 3445519, Israel

### RED LIST AUTHORITY COORDINATOR

**Mariano Gimenez Dixon (New World species)**

Departamento de Biodiversidad y Genética, Instituto de Investigaciones Biológicas Clemente Estable, Ministerio de Educación y Cultura, Montevideo, Uruguay

### NUMBER OF MEMBERS

93

## M

The mission of the Deer Specialist Group (DSG) is to contribute to biodiversity conservation through improvement of the welfare and sustainability of deer populations around the world. Our challenge is to find conservation alternatives to mitigate conflict, thus enabling rare and threatened species to survive.

### 2021 2025

The DSG has a qualified membership specialising in and researching several of these target species. To achieve our targets, it will be crucial to establish collaboration and partnerships with funding agencies to support research studies and data collection.

### 2021 2025

#### A E

**-001** Collect data on the existing effects and estimate possible effects of global warming on cold-climate DSG species.  
 Status: Not initiated

**-006** Complete taxonomic studies, using molecular methods, of priority species (Indochinese Hog Deer, *A. porcinus*; Annamite Muntjac, *M. truongsonensis*; *M. spp.*).  
 Status: On track

#### LAN

**-004** Create protocols to mitigate human-deer conflict in various South American habitats and regions, such as the Pampas, the Cerrado, open grasslands, as well as several forested regions.  
 Status: Not initiated

**-007** Develop and publish deer conservation translocation guidelines by the end of 2022.  
 Status: On track

#### AC

**-010** Capture Pampas Deer males to inseminate females of the captive centre.  
 Status: Achieved

#### NE K

**-002** Establish a Climate Change Working Group.  
 Status: Not initiated

**-009** Continue to grow the membership of the group.  
 Status: On track

#### C MM NICA E

**-003** Develop a new Deer Specialist Group website by the end of 2021.  
 Status: Achieved

**-008** Establish DSG's visibility in social media platforms by mid-2021.  
 Status: Achieved

### A 2022

#### A E

**-006** Complete taxonomic studies, using molecular methods, of priority species (Indochinese Hog Deer, *A. porcinus*; Annamite Muntjac, *M. truongsonensis*; *Mazama spp.*). (KSR 5)

Number of research projects completed or supported by SSC members per taxonomic group and region: 2

Result description: Since a decade ago we have been involved in research on morphological and molecular genetic results. The first phylogeny obtained with molecular

markers (Duarte, 2008) was the initial step to guide our research to compile information from museum collections and form the current geographic range in South America and the Neotropical region.

**AC**

**C**

**-010 Capture Pampas Deer males to inseminate females of the captive centre.**  
(KSR 10)

Number of threatened species benefiting from conservation action: 1

Result description: The Pampas Deer is categorized as Least Concern on the IUCN Red List. However, in the southern ranges (Argentina and Uruguay), the populations on wildlife are small and isolated due to habitat loss by agricultural activities and poaching. In Uruguay, in 2020 we obtained support from the Uruguayan Ministry of Environment Environmental DINABISE, with the aim of updating populations' numbers and recovering gene

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