

2021 Report

IUCN SSC Deer Specialist Group



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NUMBER OF MEMBERS

89

SOCIAL MEDIA AND WEBSITE

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

Mission statement

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 to enable rare and threatened species to survive.

Projected impact 2021–2025

The DSG has a qualified membership specialised 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.

Targets 2021–2025

ASSESS

T-001 Collect data on the existing effects and estimate possible effects of global warming on cold-climate DSG species.

T-006 Complete taxonomic studies, using molecular methods, of priority species (Indochinese Hog Deer, *Axis porcinus*; Annamite Muntjac, *Muntiacus truongsonensis*; *Mazama* spp.).

PLAN

T-004 Create protocols to mitigate human-deer conflict in various South American habitats and regions, such as the Pampas, Cerrado, open grasslands, as well as in several forested regions.

T-007 Develop and publish deer conservation translocation guidelines by the end of 2022.

NETWORK

T-002 Establish a Climate Change Working Group.

T-009 Establish DSG's visibility in social media platforms by mid-2021.

COMMUNICATE

T-003 Develop a new Deer Specialist Group website by the end of 2021.

T-008 Establish DSG's visibility in social media platforms by mid-2021.

Activities and results 2021

ASSESS

Research activities

T-006 (KSR 5)

Number of research projects completed or supported by SSC members per taxonomic group and region: 1

Result description: We continue researching, applying molecular genetics to resolve uncertain Neotropical deer taxonomy.



Pampas deer male in Uruguayan countryside
Photo: Susana González



Pampas deer in Uruguayan countryside
Photo: Susana González

At the end of 2020 and in 2021 we published several new articles: (1) Bonfim Mantellatto, A.M., González, S. and Duarte, J.M.B. 2020. Molecular identification of *Mazama* species (Cervidae: Artiodactyla) from natural history collections. *Genetics and Molecular Biology* 43(2): e20190008. <https://doi.org/10.1590/1678-4685-GMB-2019-0008>; (2) González, S. and Duarte, J.M.B. 2020. Speciation, evolutionary history and conservation trends of Neotropical deer. *Mastozoología Neotropical* 27(SI): 37–47. https://doi.org/10.31687/saremMN_SI.20.27.1.05; (3) Bonfim Mantellatto, A.M., González, S. and Duarte, J.M.B. 2021. Cytochrome b sequence of the *Mazama americana jucunda* Thomas, 1913 holotype reveals *Mazama bororo* Duarte, 1996 as its junior synonym. *Genetics and Molecular Biology* 45(1):e20210093. <https://doi.org/10.1590/1678-4685-GMB-2021-0093>.

COMMUNICATE

Communication

T-003 (KSR 12)

Number of digital communication outputs developed in relation to specific taxonomic groups: 1

Result description: The hosting is new and the web page is almost done: <https://www.deerspecialistgroup.org>. We need to provide further photos and detail to complete it. We have obtained a small grant from SSC to support this activity and to create social media to promote and increase visibility.

T-003 (KSR 13)

Number of Species e-bulletin, Save Our Species newsletter, SSC Groups' newsletter editions produced: 1

Result description: We published Newsletter 32 in the first semester of the year.

T-008 (KSR 13)

Number of digital communication outputs developed in relation to specific taxonomic groups: 1

Result description: We opened an Instagram account (@deerspecialistgroup) to disseminate our activities, training and funding opportunities.

Acknowledgements

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Summary of achievements

Total number of targets 2021–2025: 8

Geographic regions: 7 Global, 1 America

Actions during 2021:

Assess: 1 (KSR 5)

Communicate: 3 (KSR 12, 13)

Overall achievement 2021–2025:

