



MBZSCF Final Report – 2026 Proyect #252537240



صندوق محمد بن زايد
للمحافظة على
الكائنات الحية

The Mohamed bin Zayed
SPECIES CONSERVATION FUND



Juan Camilo Cepeda Duque

Threat mitigation actions: Canine welfare program
Vaccination and neutering of dogs living in rural areas



We collaborated with the Ciudad Bolivar mayor's office, which donated the supplies to neuter cats





85 dogs neutered

Neutering campaigns





326 dogs vaccinated



Vaccination campaigns



Sharing our experiences beyond papers, art to connect with people



Using the power of art to change the world

I.E.R. Farallones School
April 2026





'Tertulia Ambiental' – Farallón – June 2026



Environmental education



Taking the streets to talk about clouded tiger-cats

Spizaetus isidori

Cuniculus taczanowskii



Leopardus pardinoides





Puppet interpretation workshop – June 2026

We started the assays of the puppet show





Forum: Naturaleza, Vida y Futuro
May 24th – 150 participants





Vecinos invasores: Uso de hábitat y patrones de actividad del tigrillo nebuloso (*Leopardus pardinoides*) y el perro doméstico (*Canis lupus familiaris*) en un área protegida aislada de los Andes Centrales de Colombia



López-Barrera A. M., Cepeda-Duque J. C., Arango-Correa, E., López-Velasco, V., Fitzgerald-Hernández, J. F., Fox-Rosales, L. A., & de Oliveira, T. G.






Ciencia para la conservación, naturaleza para la vida.









AMENAZAS






• **ENCUENTRO NACIONAL** •

PARA LA CONSERVACIÓN DEL

TIGRILLO Lanudo

EN COLOMBIA



Alex Mauricio López

Investigador, Proyecto de investigación del tigrillo andino

Uso de hábitat y patrones de actividad del tigrillo nebuloso (*leopardus pardinoides*) y el perro doméstico (*canis lupus familiaris*), en un área protegida aislada de los Andes centrales de Colombia

INVITAN






Encuentro Nacional del Tigrillo Lanudo

 Enlaza GEB

57

Me gusta

213

Usuarios

16 abr

2026

Participation in the Small Cats Symposium – Panthera 2026

Usted está viendo la pantalla de africaMASSIVE Virtual Host   Ver opciones ▾



SMALL CATS SYMPOSIUM 2026

The native and the invader: shared use of space and temporal segregation of clouded tiger-cats (*Leopardus pardinoides*) and domestic dogs (*Canis familiaris*) in an isolated protected area of the Central Andes of Colombia.



Juan Camilo Cepeda-Duque
Tiger Cats Conservation Initiative
Organización Ambiental Chinampa

AM silvestre de los ecosistemas de los Andes tropicales. El gato Tigre Nublado.



Our conservation project with clouded tiger-cats and other wild cats are gaining attention in the news!



We invite you to see these reports in the Canal 4 APACIBOL and the Canal Caracol

Big cats get the press, but small wildcats are being poached and trafficked in silence



Sean Mowbray

25 Feb 2026 Africa

Comments

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- While black market sale of jaguars, tigers and other big cats has been carefully tracked for decades, trade in small and medium-sized felines has gone largely



Their findings are both unsurprising and worrisome, as the true scale of trade is likely to be higher, says Pauline Verheij, a wildlife crime specialist with the NGO [EcoJust](#), who wasn't involved in the research. "It's a given that law enforcement agencies only ever see very small fragment of the actual volumes of illegal trade in wildlife," she says.



Recent research uncovered illegal trafficking of small felines, including ocelots, jaguarundis, and margays, as well as clouded tiger cats — which are highly threatened in Colombia. Image courtesy of Camilo Botero.

Verheij conducted an extensive [media-based survey](#) quantifying wildlife trade in Latin



Juan Camilo Cepeda-Duque says he's also concerned, citing the dearth of research on small and medium-sized wildcats. Cepeda-Duque is a biologist with expertise in small cats who works with the [Andean Tiger Cat Conservation Project](#) and the Chinampa Environmental Organization.

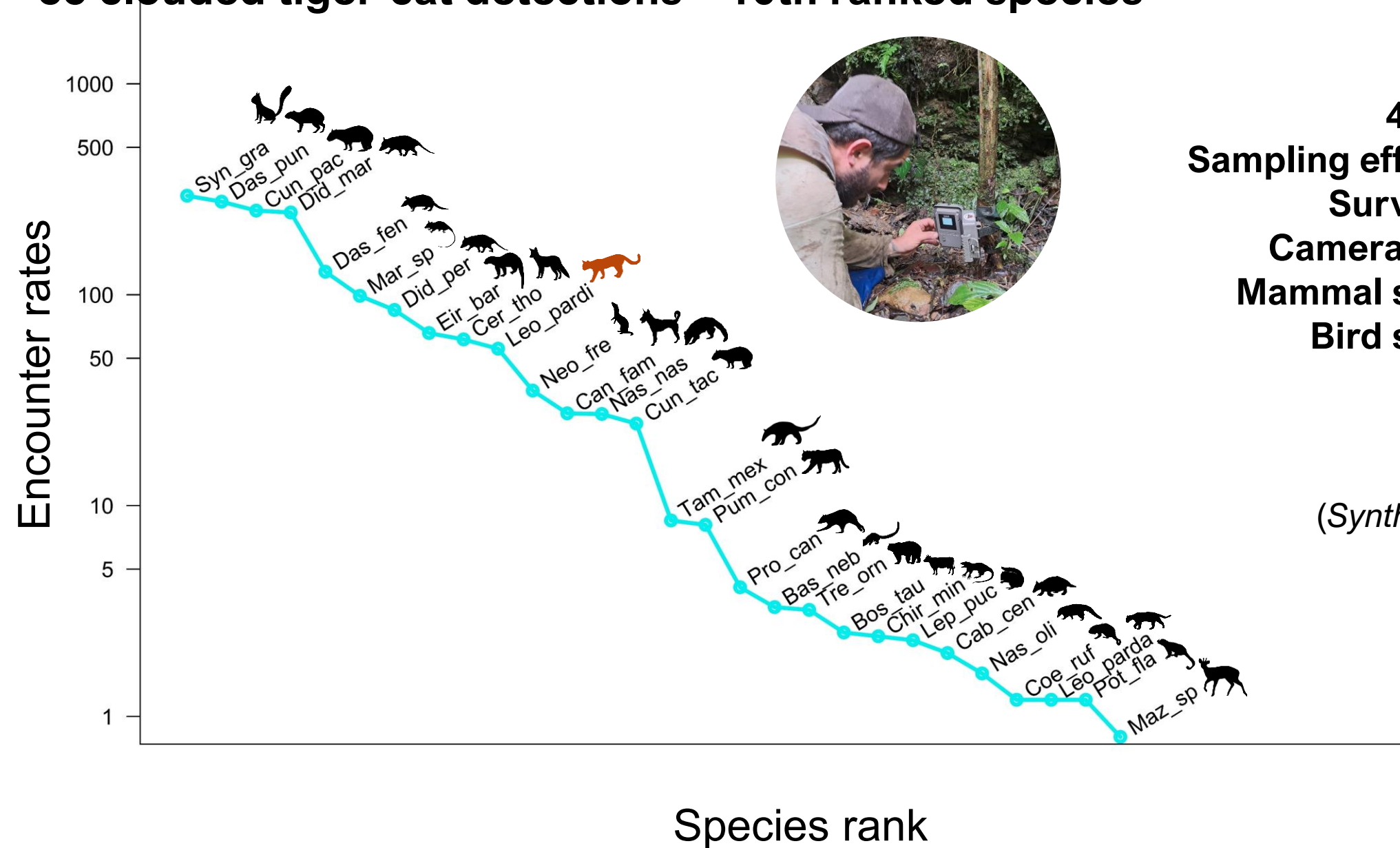
"We don't even know how many individuals of these species exist in Colombia, much less how many we are actually losing to illegal trafficking networks," he says.



Ocelots and other small cat species are trafficked alive but are also killed for their skins and other parts. Image by USFWS (Public Domain).



Camera trap monitoring: 85 clouded tiger-cat detections – 10th ranked species



40 sampling stations
Sampling effort: 6625 trap-nights
Surveyed area: 60.9 km²
Camera trap spacing: 500m
Mammal species richness: 28
Bird species richness: 74

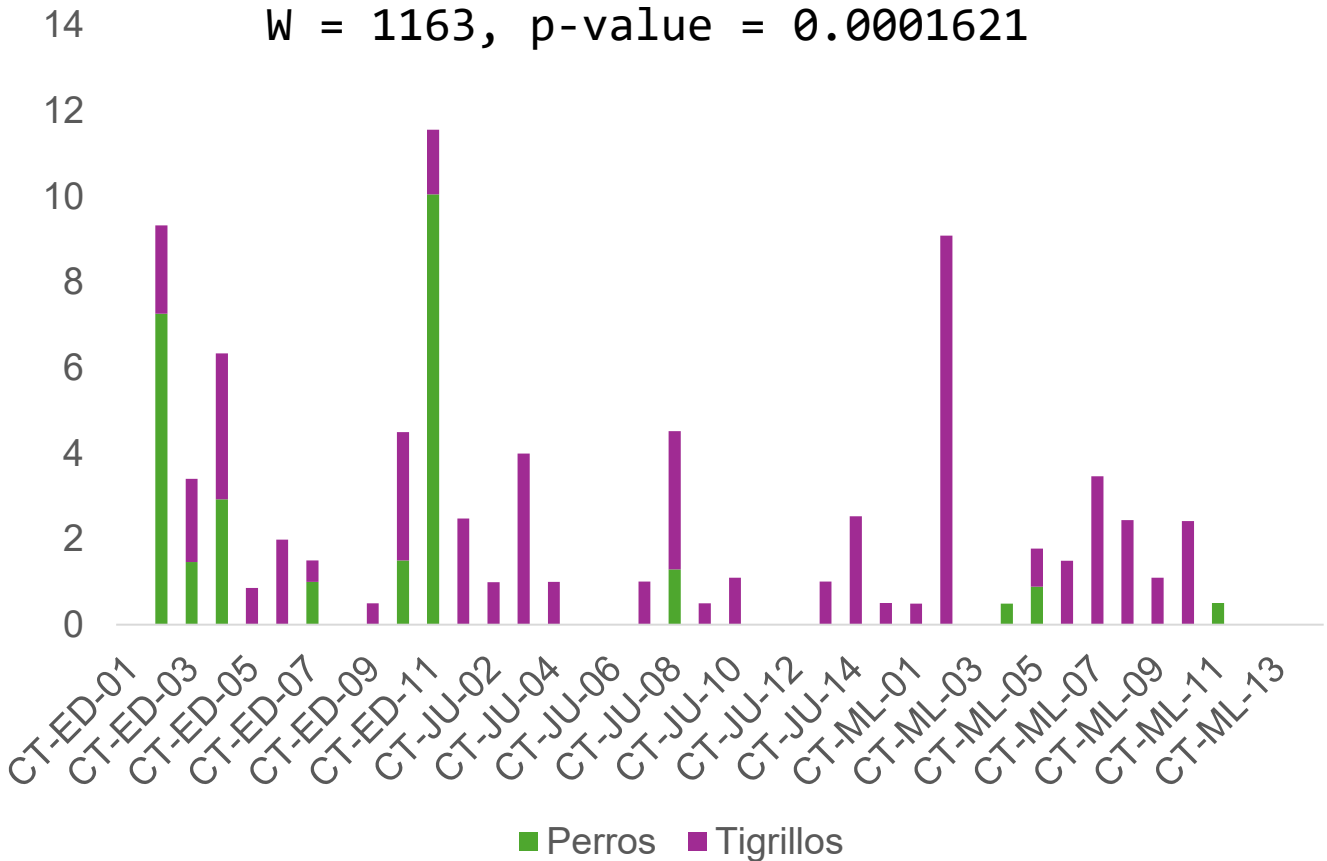
Commonest species:
 Red-tailed squirrel
 (*Syntheosciurus granatensis*)
Rarest species:
 Ocelot
 (*Leopardus pardalis*)
 Deer
 (*Mazama zetta*)

Clouded tiger-cats vs. dogs in Farallones del Citará



Significant differences in the encounter rates
between clouded tiger-cats and dogs

W = 1163, p-value = 0.0001621



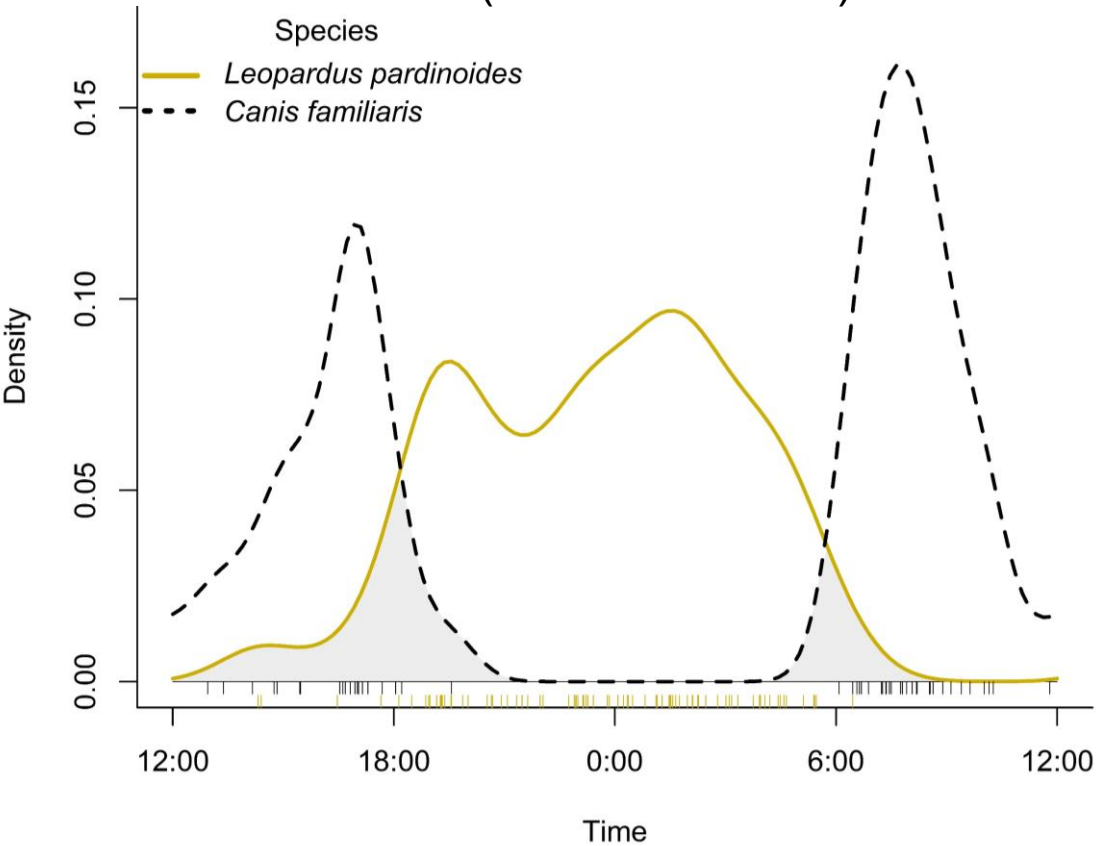
Dogs: 0.68 detections/100 trag-nights (25% of stations)

Mean hour of dog
activity:
11:06
(09:33 – 13:01)

Mean hour of clouded
tiger-cat activity:
23:40
(22:43 – 00:37)

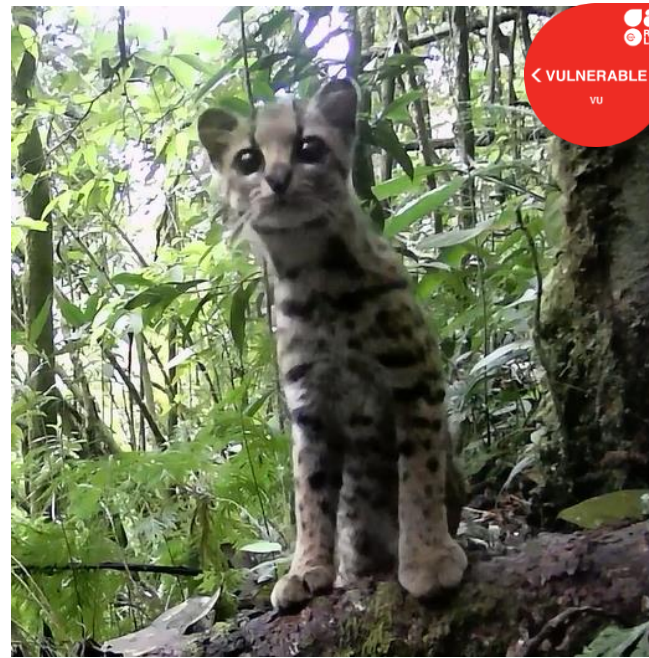
Temporal overlap

$\Delta = 0.23$ (IC = 0.09 – 0.25)

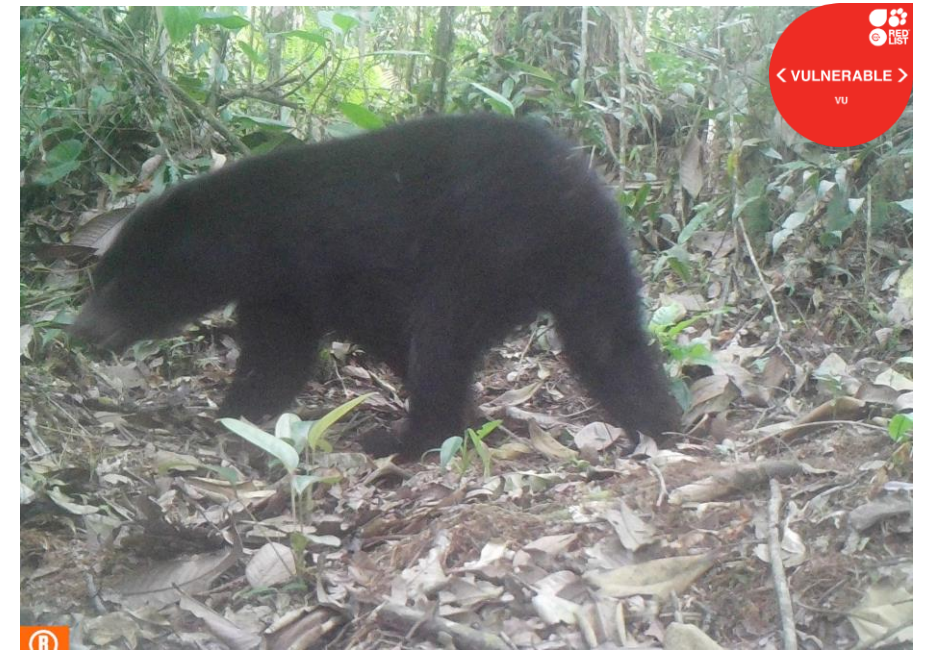


Clouded tiger-cats: 1.39 detections /100 trap nights (70%)

**Threatened mammal
species detected in our
camera trap survey at
Farallones del Citará
between September
2025 and April 2026**



Leopardus pardinoides



Tremarctos ornatus



Bassaricyon neblina



Nasua olivacea



Leptosciurus pucheranii



Odontophorus hyperythrus



Iridisornis porphyrocephalus



Diglossa gloriosissima

Threatened bird species detected in our camera trap survey at Farallones del Citará between September 2025 and April 2026



Workshop dictated in 24-25 April 2026 to early-career biologists from the “Universidad de Antioquia – sede Andes”, aimed at analyzing clouded tiger-cat data from camera traps and design conservation projects

Scientific research

Ecology and Evolution

WILEY

RESEARCH ARTICLE **OPEN ACCESS**

Ecological Insights From Camera Trapping

Natives Against Invaders: Shared Use of Space and Temporal Segregation of Clouded Tiger-Cats (*Leopardus pardinoides*) and Domestic Dogs (*Canis familiaris*) in an Isolated Protected Area

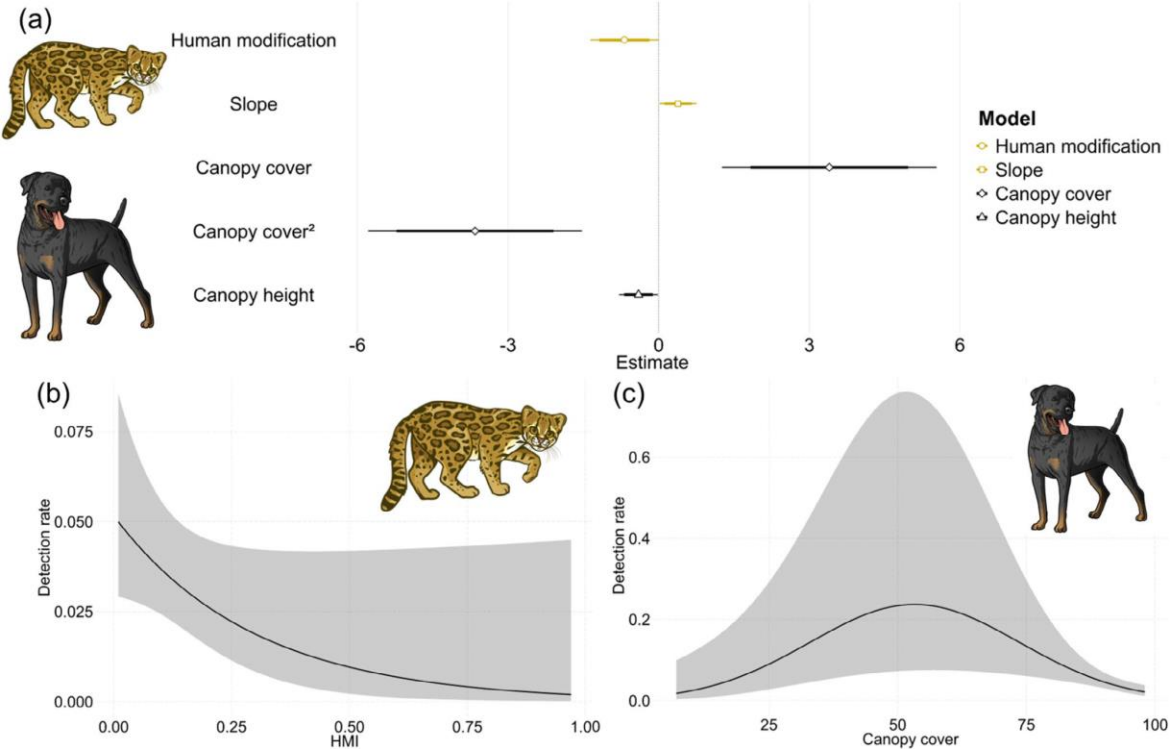
J. C. Cepeda-Duque^{1,2,3}  | A. M. López-Barrera¹  | E. Arango-Correa¹  | J. F. Hernández-Fitzgerald¹  |
V. López-Velasco⁴  | L. A. Fox-Rosales^{1,2,5}  | T. G. de Oliveira^{1,2,6,7} 

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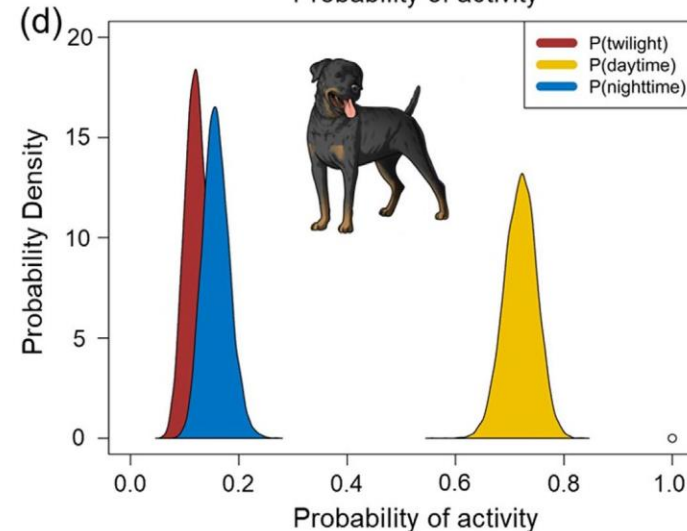
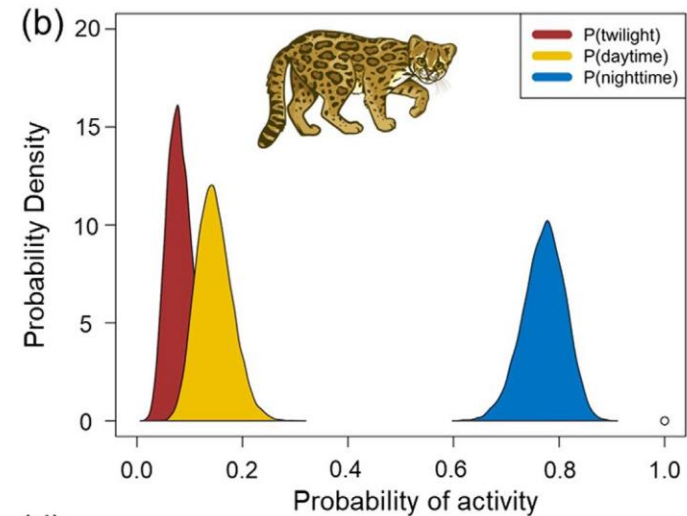
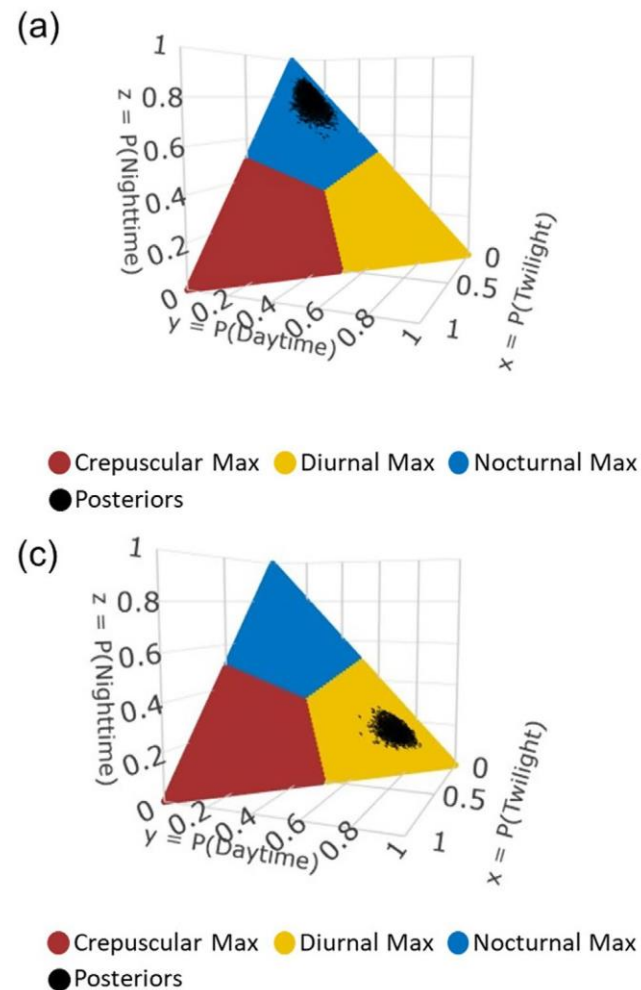
Received: 21 July 2025 | **Revised:** 8 May 2026 | **Accepted:** 21 May 2026

Keywords: activity | ecological modeling | invasive predator | threatened species



Temporal segregation between clouded tiger-cats and dogs: the dogs took advantage of the daytime, while clouded tiger-cats found refuge at night.

Clouded tiger-cats were associated with the best-preserved forests and relegated to the most rugged terrain, while dogs were concentrated in more disturbed areas, which catalyze their spread in the Serranía del Alto del Nudo.





Cues in the mist: intersexual patterns of scent-marking behavior in the Andean bear (*Tremarctos ornatus*) and temporal relationships with free-ranging dogs' activity in cloud forests of southern Huila, Colombia

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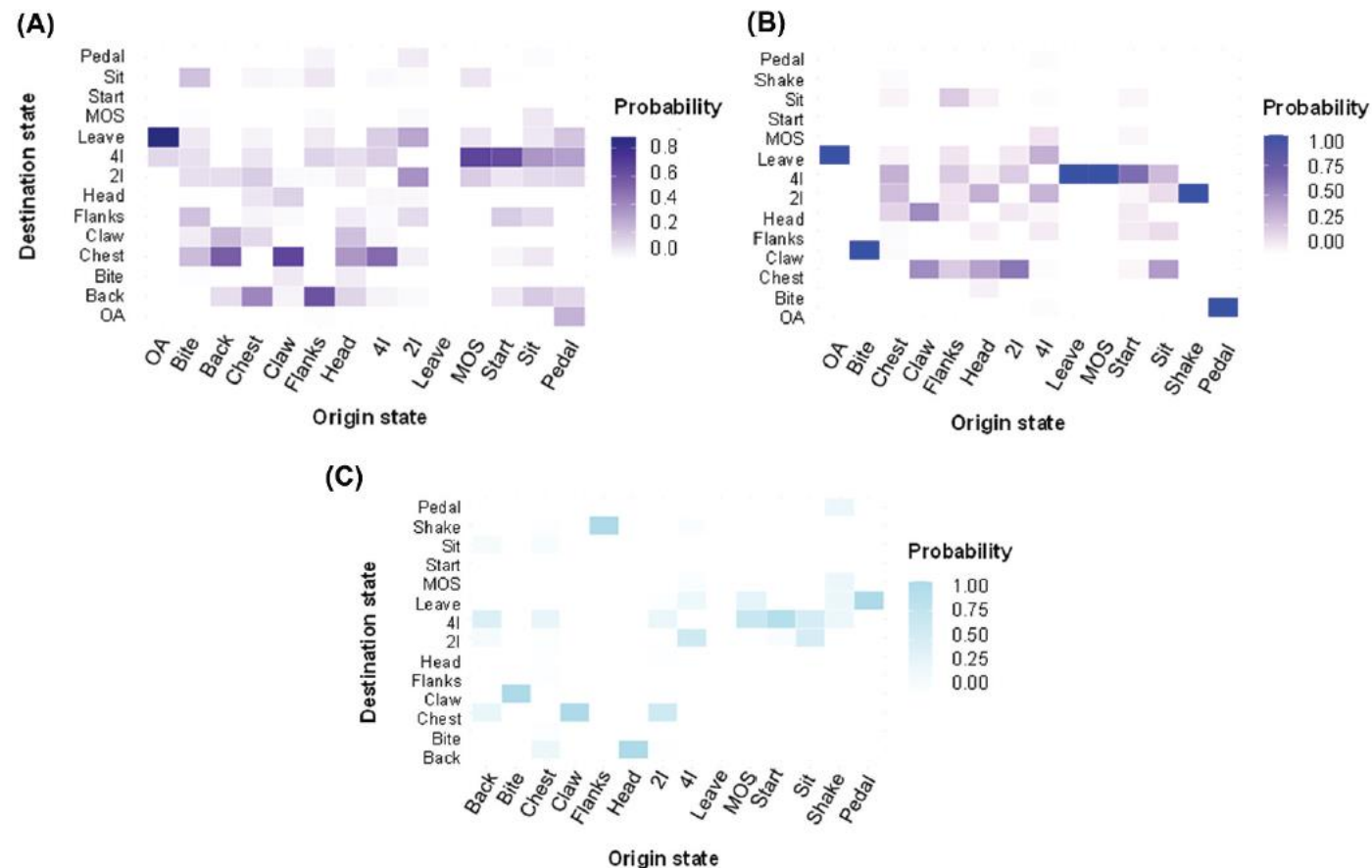
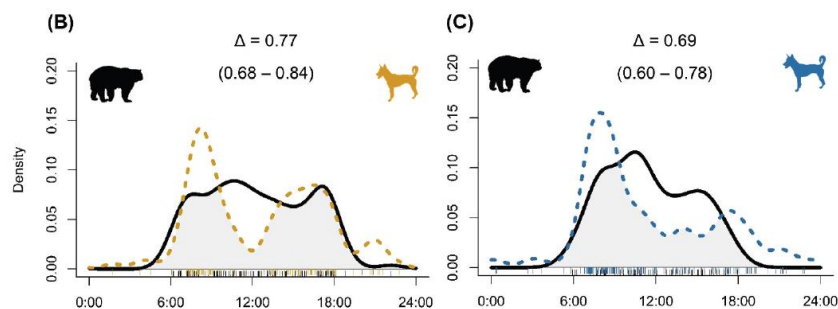
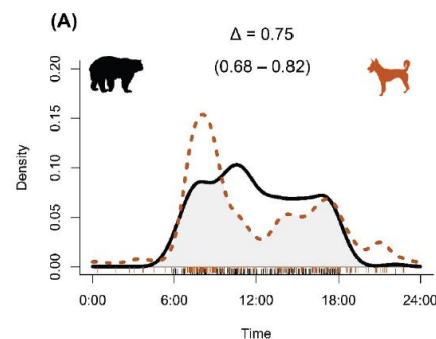
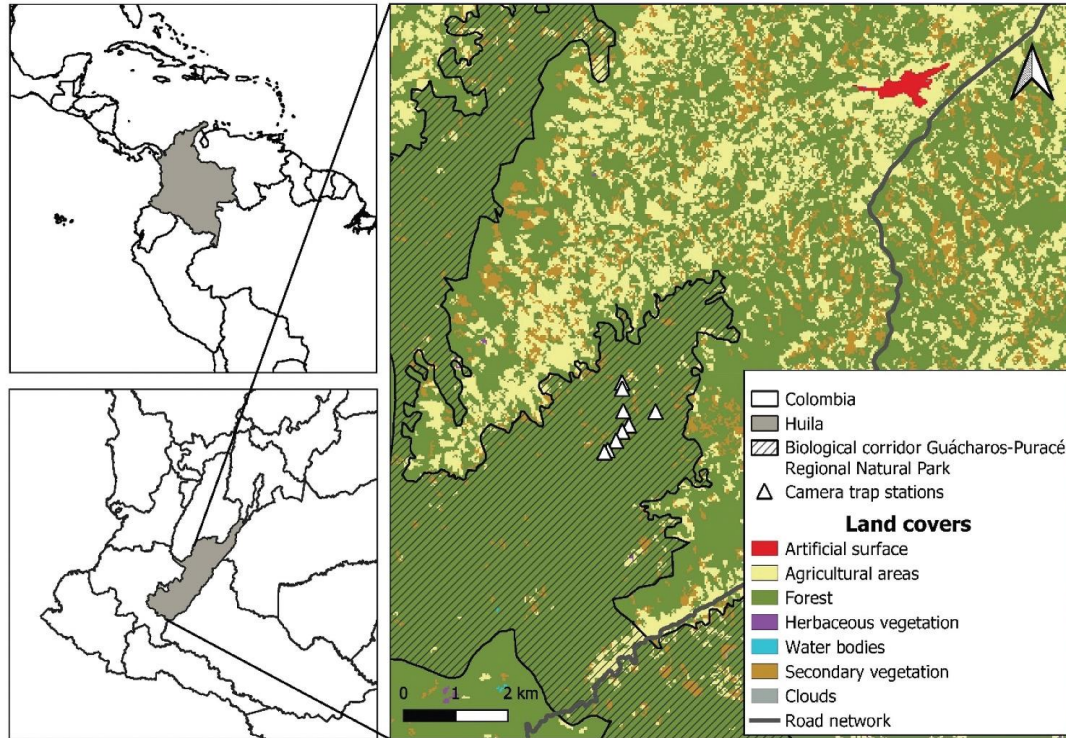
³*Organización Ambiental Chinampa, Pereira, Colombia*

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⁵*Corporación Mashiramo, Pitalito, Colombia*

⁶*Fundación Wii, Bogotá, Colombia*





Andean bears exhibited diverse marking behavior, especially noticeable in adult males. While females dedicated more time in investigation of scent signals emitted by males.

There was high potential for dogs to negatively affect scent marking behavior by Andean bears, showing 69% – 77% in the overlap of their activity patterns.



Jaguarundi

Herpailurus yagouaroundi

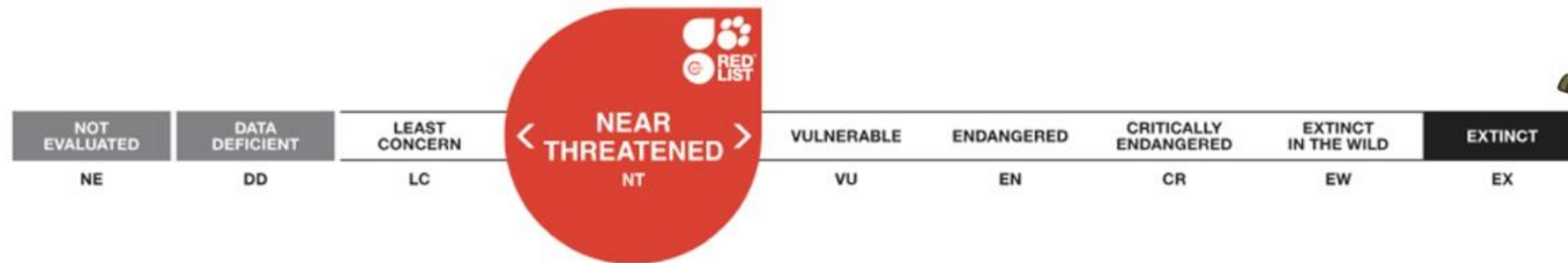
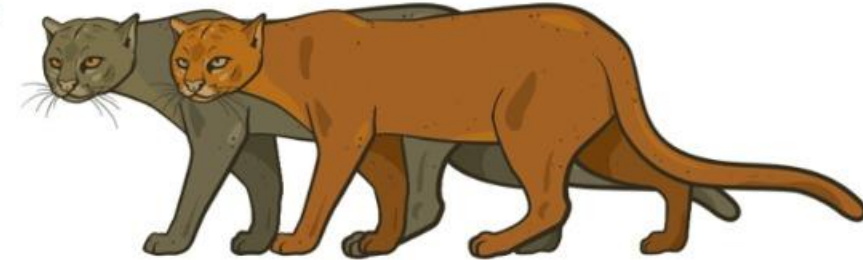


ABSTRACT

Jaguarundi *Herpailurus yagouaroundi* has most recently been assessed for *The IUCN Red List of Threatened Species* in 2024. *Herpailurus yagouaroundi* is listed as Near Threatened under criteria A4bce.

THE RED LIST ASSESSMENT

▼  de Oliveira, T., Caso, A., Weston-Flores, M., Cepeda-Duque, J. & Ramírez-Fernández, J. 2026. *Herpailurus yagouaroundi*. *The IUCN Red List of Threatened Species* 2026: e.T9948A284507933. Accessed on 15 July 2026.



We updated the IUCN Red List Status for the only felid without spots, the jaguarundi. Once considered Least Concern, it was ranked as Near Threatened, given concerning threrates to their populations and habitat loss.



Andean Tiger Cat Conservation Project

204 publicaciones 1,852 seguidores 295 seguidos

Educación
Realizamos acciones de conservación para el tigrillo andino y otras especies amenazadas 🐅

Don't forget to follow us on Instagram...

 ArcGIS StoryMaps  



Andean Tiger Cat Conservation Project

We make conservation actions on the threatened Andean tiger cat in the cloud forests of Northwestern Colombia.

And visit our Story Map!

What is next for this conservation journey?

Continue neutering and vaccination campaigns in other protected areas

Debut with our puppet show in rural schools of Farallones del Citará and other protected areas.

Retrieving camera trap data from Barbas-Bremen Soil Conservation District

Continue collecting more data about small wild cat populations and their threats in keystone areas.

Engaging local authorities to have a better baseline of small wild cat attacks to poultry.

Continue in the search for funding and engagement of organizations on both public and private sectors to expand the impact of our actions.

Writing our story to publish it in Cat News!



13°C



10/20/2025

05:39PM

CAMERA 1