



TCCI ANNUAL REPORT

TIGER CATS/TROPICAL CATS
CONSERVATION INITIATIVE

2025

WHO WE ARE?

TCCI stands for the **Tiger Cats Conservation Initiative**, which is an assemblage of conservation oriented projects devoted to the tiger-cat species complex and other small cats' conservation action taking throughout the Americas (within the tiger-cats range). TCCI could also have a double meaning, as **"Tropical Cats Conservation Initiative"** – **TCCI**, as it also benefits all small cats present, which is pretty much the same.

WE ARE **TCCI!**





FOLLOW US:



@TIGERCATSCONSERVATION



@TIGERCATSGROUP4336



WWW.TIGERCATSCONSERVATION.COM

KEY ACTIVITIES

- Vaccination and neutering campaigns
- Environmental education
- Population and habitat monitoring
- Community involvement
- Conflict mitigation
- Roadkill mitigation
- Rehabilitation, release + monitoring
- Public policies, Red List Assessments, etc.

KEY RESOURCES

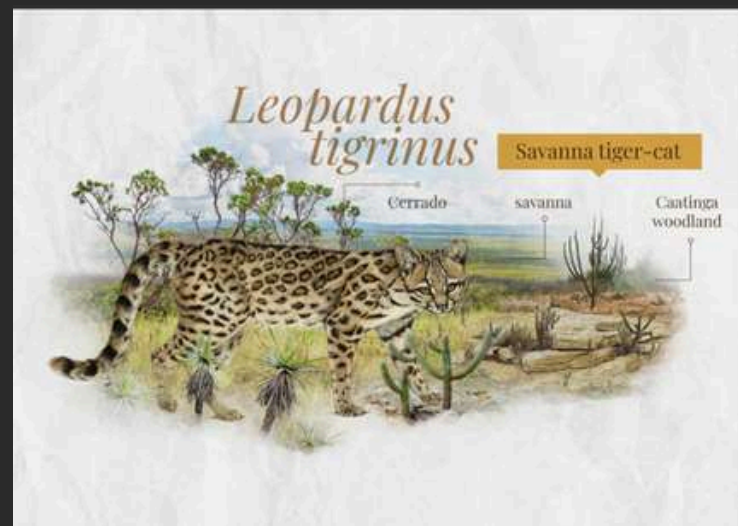
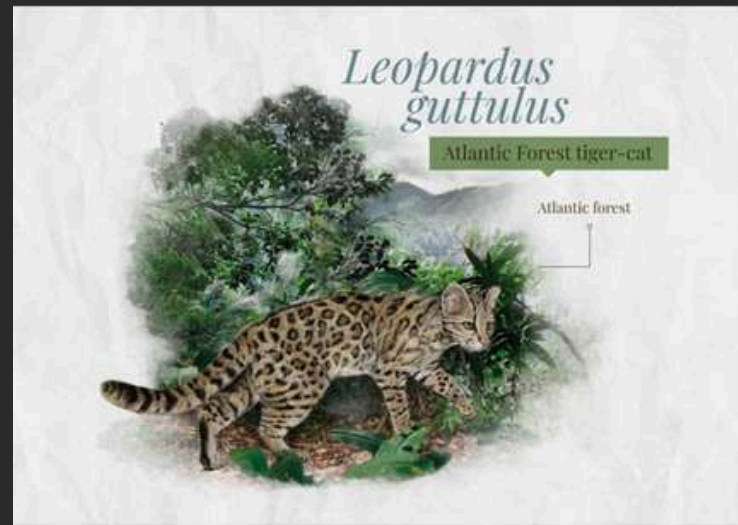
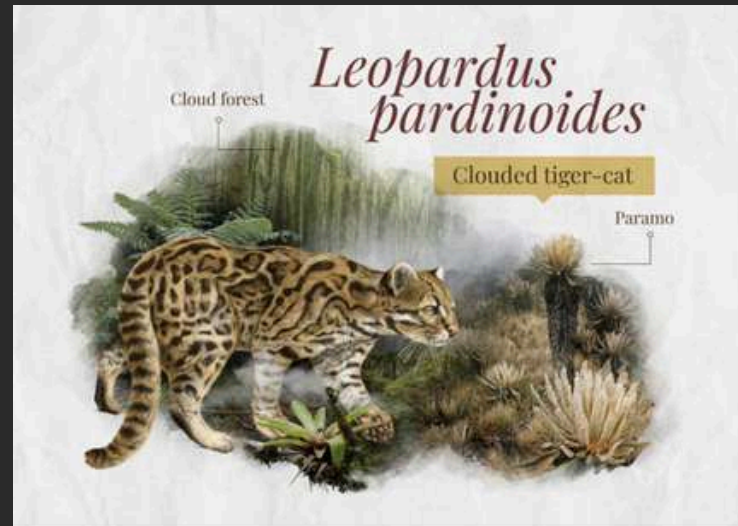
- Skilled team of biologists, veterinarians, and environmental educators;
- Veterinary and field equipment for animal health and monitoring;
- Educational materials and communication tools;
- Strategic partnerships with universities, NGOs, and government agencies;
- Data and protocols related to small wild cats and disease prevention;
- Transportation and logistics infrastructure for fieldwork;
- Financial support through grants, foundations, and individual donors.

MAIN THREATS TARGETED:

- Habitat loss and fragmentation
- Diseases from domestic dogs and cats
- Poaching/retaliatory killing
- Road-kills
- Pet trade



THE THREATENED ENVIRONMENT



OUR STRATEGY:

KEY LONG-TERM CONSERVATION AREAS

- La Amistad Complex - Costa Rica/ Panama
- 3 Cordilleras - Colombia
- Caparaó area – BR
- Aparados da Serra-Serra Gaúcha Mosaic - BR
- Mirador area (Tiger Cat Kingdom) – Brazil
- Capivara-Confusões Mosaic - BR

WHERE ACTION WILL TAKE PLACE

ArcGIS StoryMaps



Felinos do Vale



TCCI NETWORK ACROSS THE AMERICAS

The TCCI network currently operates in over 47 areas across Brazil, Colombia, Ecuador, Argentina, Panama, and Costa Rica – including national parks, rural areas, private reserves, and indigenous territories.

These sites are home to endangered small wild cats and represent key conservation front-lines.

By combining local knowledge, science, and education, we have built a strong presence across diverse ecosystems with measurable impact!

TCCI: 51 projects
 39 conservation action
 07 projects - data sharing
 05 in partnership with other WG

Countries:
 05 conservation action
 04 WG/data sharing



TARGETS



Ensure long-term population viability of tiger cats & small felids: threat reduction and mitigation.



Partnerships with landowners to protect habitat patches within their properties and to keep their animals indoors.



Environmental education and community involvement in conservation practices.



Monitoring population trends of tiger cats and other small felids.



Habitat monitoring.



Establish a permanent neutering and vaccination program.



One Health approach to conservation



Training of professionals and non professionals: creating a new generation of conservationists.

TCCI GOALS

The project's conservation strategy is fundamentally structured around two core components: **"Action,"** which involves implementing direct conservation measures to mitigate threats, and **"Vigilance,"** which focuses on the **continuous monitoring of population trends within critical conservation areas**. This dual approach aims to **reduce the risk of disease transmission** from domestic animals to wild populations while simultaneously tracking the status of threatened tiger cats and other small felid species across the continent. By addressing both immediate threats and long-term population health, the project ensures adaptive management driven by up-to-date data.

In addition to these overarching goals, **the project tailors its interventions to address localized threats unique to each site**, such as mitigating traffic-related mortality, resolving human-wildlife conflicts, and preventing road-kills. Rehabilitation and training programs for confiscated small cats are also integral, preparing them for eventual reintroduction into the wild to bolster population resilience. Complementing these conservation actions, the project emphasizes environmental education and community engagement to foster positive human perceptions and support for tiger-cat conservation. Ultimately, these combined efforts are designed to **establish** and **maintain** secure, sustainable habitats that can serve as population safe havens for all tiger-cat species over the long term, with an ambitious horizon of 1,000 years.

TCCI ALSO STANDS FOR: TROPICAL CATS CONSERVATION INITIATIVE



**ATLANTIC FOREST
TIGER-CAT**



CLOUDED TIGER-CAT



SAVANNA TIGER-CAT



MARGAY



OCELOT



JAGUARUNDI



**CERRADO
BLACK-FOOTED CAT**



PAMPA-CAT



GEOFFROY'S CAT

TCCI ALSO STANDS FOR: TROPICAL CATS CONSERVATION INITIATIVE



TCCI also have a double meaning, as **“Tropical Cats Conservation Initiative”**.

Although our flagship species are tiger-cats, our work and actions also include and benefit all other small cats present in the areas we work in, which is much the same (above).

FIGHTING AGAINST THE INVISIBLE THREAT: DISEASES

VACCINATION AND NEUTERING CAMPAIGNS



3,328

DOSES OF
VACCINES
APPLIED



2,284

ANIMALS
VACCINATED



105

ANIMALS
NEUTERED

FIGHTING AGAINST THE INVISIBLE THREAT: DISEASES VACCINATION AND NEUTERING CAMPAIGNS



FIGHTING AGAINST THE INVISIBLE THREAT: DISEASES

VACCINATION AND NEUTERING CAMPAIGNS



MIDDLE CAUCA

FIGHTING AGAINST THE INVISIBLE THREAT: DISEASES VACCINATION AND NEUTERING CAMPAIGNS



AGUAÍ

FIGHTING AGAINST THE INVISIBLE THREAT: DISEASES VACCINATION AND NEUTERING CAMPAIGNS



CAPARAÓ

FIGHTING AGAINST THE INVISIBLE THREAT: DISEASES VACCINATION AND NEUTERING CAMPAIGNS



FIGHTING AGAINST THE INVISIBLE THREAT: DISEASES VACCINATION AND NEUTERING CAMPAIGNS



TAQUARI

FIGHTING AGAINST THE INVISIBLE THREAT: DISEASES VACCINATION AND NEUTERING CAMPAIGNS



PANAMÁ

FIGHTING AGAINST THE INVISIBLE THREAT: DISEASES VACCINATION AND NEUTERING CAMPAIGNS



SERRA DOS MACACOS

FIGHTING AGAINST THE INVISIBLE THREAT: DISEASES VACCINATION AND NEUTERING CAMPAIGNS



FURNA FEIA

FIGHTING AGAINST THE INVISIBLE THREAT: DISEASES VACCINATION AND NEUTERING CAMPAIGNS



FIGHTING AGAINST THE INVISIBLE THREAT: DISEASES VACCINATION AND NEUTERING CAMPAIGNS

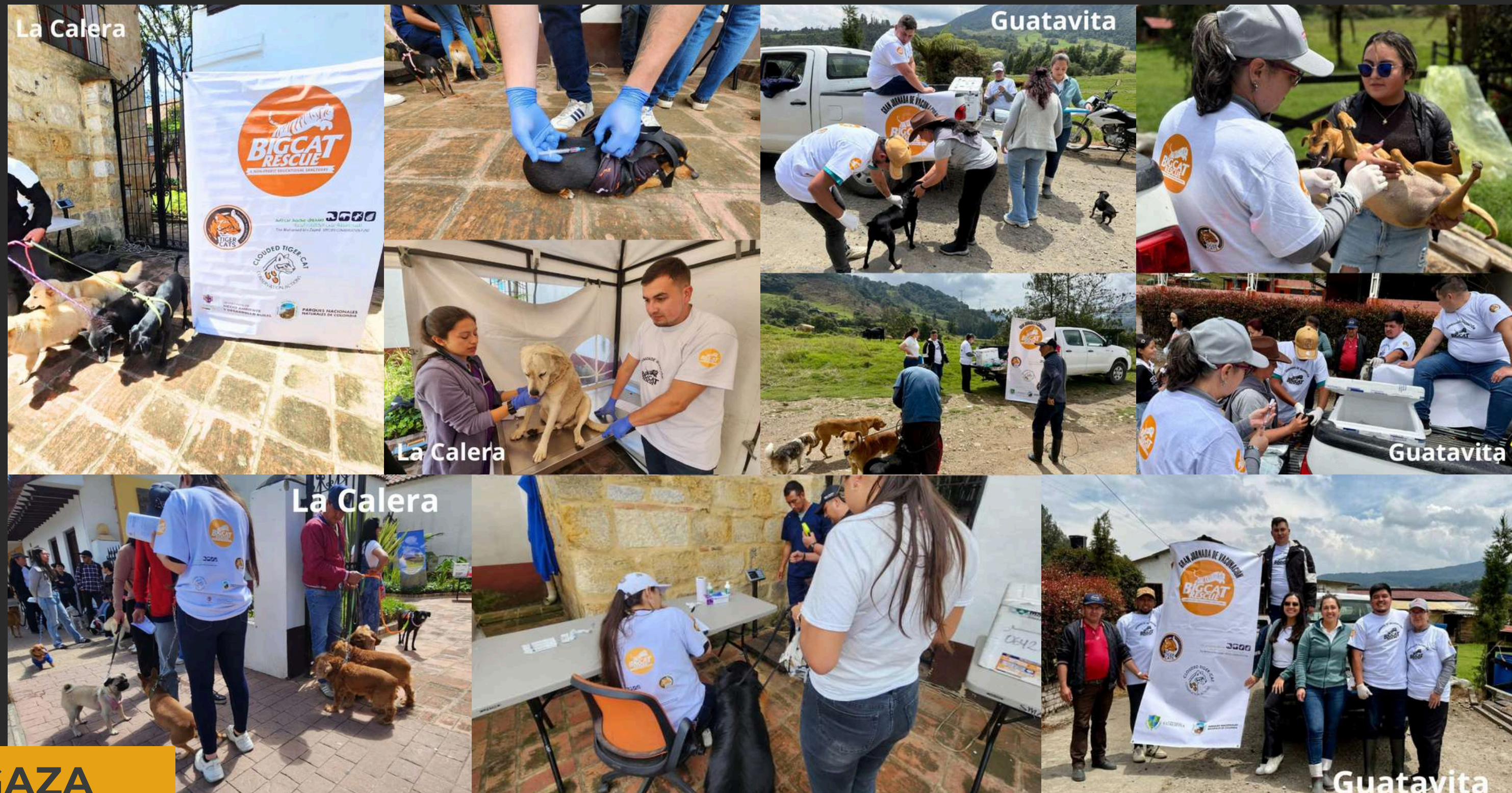


MISIONES

FIGHTING AGAINST THE INVISIBLE THREAT: DISEASES VACCINATION AND NEUTERING CAMPAIGNS



FIGHTING AGAINST THE INVISIBLE THREAT: DISEASES VACCINATION AND NEUTERING CAMPAIGNS

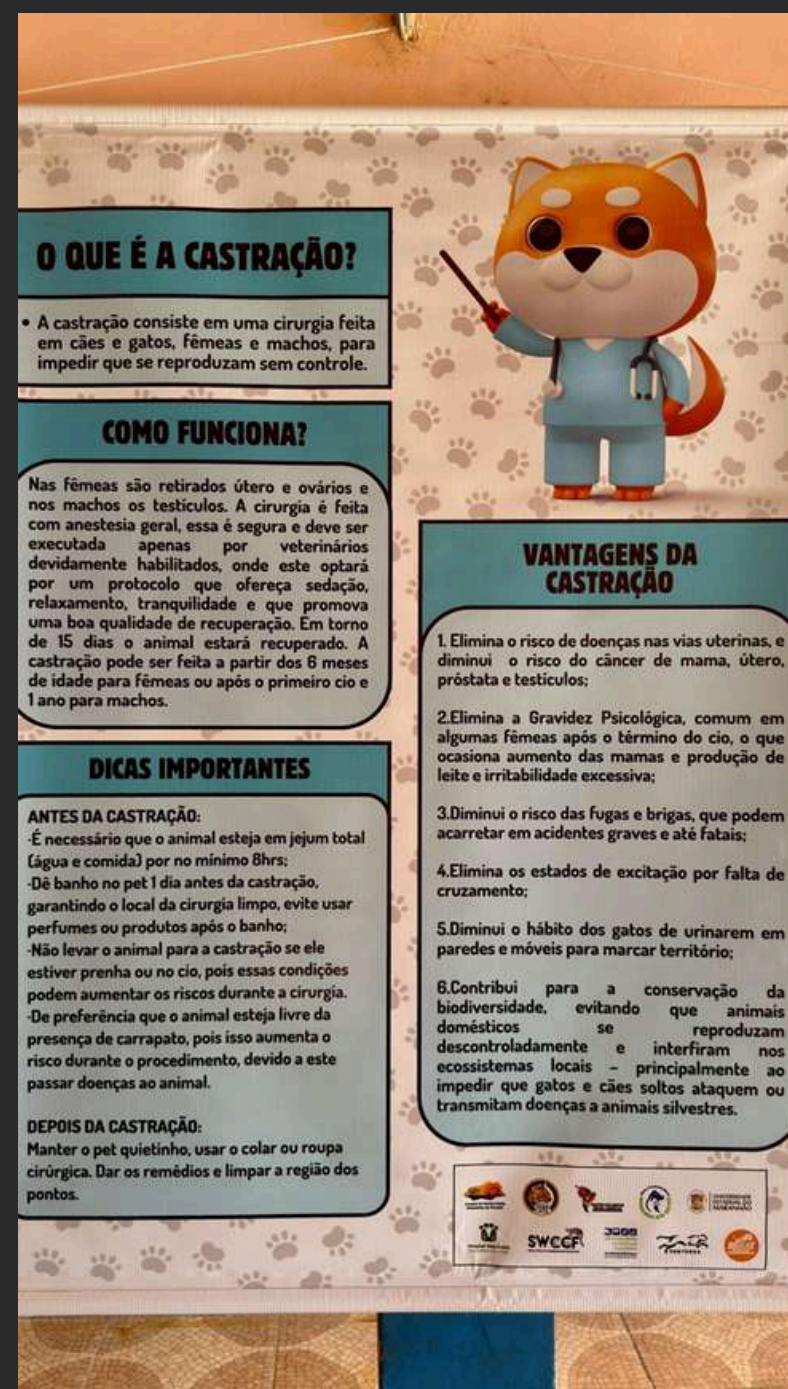


FIGHTING AGAINST THE INVISIBLE THREAT: DISEASES VACCINATION AND NEUTERING CAMPAIGNS



PURACÉ

FIGHTING AGAINST THE INVISIBLE THREAT: DISEASES VACCINATION AND NEUTERING CAMPAIGNS



O QUE É A CASTRAÇÃO?

- A castração consiste em uma cirurgia feita em cães e gatos, fêmeas e machos, para impedir que se reproduzam sem controle.

COMO FUNCIONA?

Nas fêmeas são retirados útero e ovários e nos machos os testículos. A cirurgia é feita com anestesia geral, essa é segura e deve ser executada apenas por veterinários devidamente habilitados, onde este optará por um protocolo que ofereça sedação, relaxamento, tranquilidade e que promova uma boa qualidade de recuperação. Em torno de 15 dias o animal estará recuperado. A castração pode ser feita a partir dos 6 meses de idade para fêmeas ou após o primeiro cio e 1 ano para machos.

VANTAGENS DA CASTRAÇÃO

1. Elimina o risco de doenças nas vias uterinas, e diminui o risco do câncer de mama, útero, próstata e testículos;
2. Elimina a Gravidez Psicológica, comum em algumas fêmeas após o término do cio, o que ocasiona aumento das mamas e produção de leite e irritabilidade excessiva;
3. Diminui o risco das fugas e brigas, que podem acarretar em acidentes graves e até fatais;
4. Elimina os estados de excitação por falta de cruzamento;
5. Diminui o hábito dos gatos de urinarem em paredes e móveis para marcar território;
6. Contribui para a conservação da biodiversidade, evitando que animais domésticos se reproduzam descontroladamente e interfiram nos ecossistemas locais - principalmente ao impedir que gatos e cães soltos ataquem ou transmitam doenças a animais silvestres.

DICAS IMPORTANTES

ANTES DA CASTRAÇÃO:

- É necessário que o animal esteja em jejum total (água e comida) por no mínimo 8hrs;
- Dê banho no pet 1 dia antes da castração, garantindo o local da cirurgia limpo, evite usar perfumes ou produtos após o banho;
- Não levar o animal para a castração se ele estiver prenha ou no cio, pois essas condições podem aumentar os riscos durante a cirurgia.
- De preferência que o animal esteja livre da presença de carrapato, pois isso aumenta o risco durante o procedimento, devido a este passar doenças ao animal.

DEPOIS DA CASTRAÇÃO:

Manter o pet quietinho, usar o colar ou roupa cirúrgica. Dar os remédios e limpar a região dos pontos.



FIGHTING AGAINST THE INVISIBLE THREAT: DISEASES VACCINATION AND NEUTERING CAMPAIGNS



GOVERNMENT PARTNERSHIPS STRENGTHENING CONSERVATION



+33

Partnerships with government agencies,
municipalities, and environmental institutions.



A GREAT INITIATIVE MADE POSSIBLE BY OUR VALUED PARTNER: THE BCR VACCINATION CAMPAIGN



2,269
DOSES OF
VACCINES
APPLIED



1,359
ANIMALS
VACCINATED



105
ANIMALS
NEUTERED

A GREAT INITIATIVE MADE POSSIBLE BY OUR VALUED PARTNER: BCR VACCINATION CAMPAIGN



Jornada de vacinação Big Cat Rescue
Lab-CEVS / Gatos-do-mato Brasil/Américas
(Maranhão - Brasil)



Jornada de Vacunación Big Cat Rescue
Lab-CEVS / Gatos-do-mato Brasil/Américas
(Farallones del Citará - Colombia)



Jornada de Vacunación Big Cat Rescue
Escuela Alto Riecito, cto. San José de Oriente, mpio La Paz Cesar- Colombia



Jornada de vacinação Big Cat Rescue
Vale do Taquari - RS
Brasil



Jornada de vacinação Big Cat Rescue
CHINGAZA, Colombia



Jornada de vacinação Big Cat Rescue
Misiones, Argentina



Jornada de vacinação Big Cat Rescue
Região do Abade -GO, Brazil



Jornada de vacinação Big Cat Rescue - 28/10
Siderópolis, Brazil

A GREAT INITIATIVE MADE POSSIBLE BY OUR VALUED PARTNER: BCR VACCINATION CAMPAIGN



ENVIROMENTAL EDUCATION: THE NEXT GENERATION OF CONSERVATIONIST



+8,000

PUBLIC REACHED THROUGH OUR
ENVIRONMENTAL EDUCATION INITIATIVES,
INCLUDING CHILDREN, YOUTH, AND ADULTS

Building a **conservation-minded society** continues to be one of the pillars of our conservation efforts. Through environmental education activities and community outreach initiatives, we engage children, young people, and adults, fostering a deeper understanding of biodiversity and the importance of protecting natural ecosystems.

By investing in **environmental education**, we help strengthen public awareness, inspire positive changes in attitudes toward wildlife conservation, and encourage shared responsibility for building a more sustainable future.

ENVIROMENTAL EDUCATION: THE NEXT GENERATION OF CONSERVATIONIST



MIDDLE CAUCA

ENVIROMENTAL EDUCATION: THE NEXT GENERATION OF CONSERVATIONIST



ENVIROMENTAL EDUCATION: THE NEXT GENERATION OF CONSERVATIONIST



AGUAÍ

ENVIROMENTAL EDUCATION: THE NEXT GENERATION OF CONSERVATIONIST



APARADOS DA SERRA

ENVIROMENTAL EDUCATION: THE NEXT GENERATION OF CONSERVATIONIST



FAUNA BRASIL

ENVIROMENTAL EDUCATION: THE NEXT GENERATION OF CONSERVATIONIST



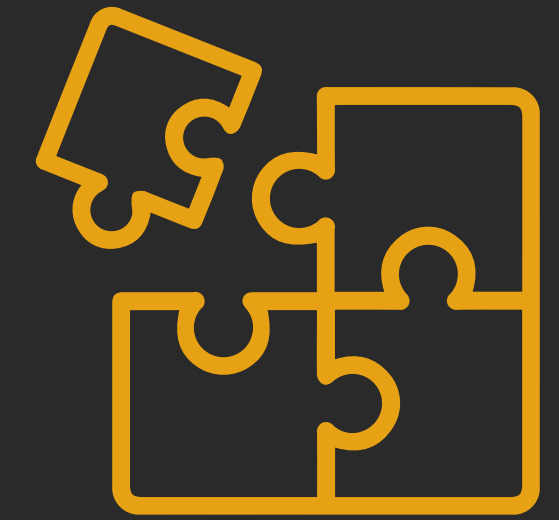
SERRA DOS MACACOS

ENVIROMENTAL EDUCATION: THE NEXT GENERATION OF CONSERVATIONIST



MIRADOR

ENVIROMENTAL EDUCATION: THE NEXT GENERATION OF CONSERVATIONIST



+ 6,000
EDUCATIVE
MATERIAL PRINTED
AND PRODUCED

Community engagement to promote a **conservation mindset**: We continued to develop and distribute **educational materials**—including games, books, booklets, leaflets, pamphlets, and stickers—to maximize the reach of our environmental education initiatives. These resources serve as **valuable educational tools**, promoting environmental awareness and biodiversity conservation among people of all ages, with a special focus on children and young people.

ENVIROMENTAL EDUCATION: THE NEXT GENERATION OF CONSERVATIONIST

TIGRILLO ANDINO

(*Leopardus pardinoides*)

RANGO ALTITUDINAL

3960 msnm

1500 msnm

ÁREA DE DISTRIBUCIÓN

Manchas grandes e irregulares semejantes a nubes

Forma melánica (tigrillos negros)

Pelaje lanudo y grueso

Cola larga y esponjosa

su cabeza es redonda, sus ojos grandes y sus bigotes alargados

Felino pequeño

77.5 cm

30 cm

HUELLA TRASERA

HUELLA DELANTERA

DIETA

Cazador nocturno y solitario

40% de la distribución global de la especie

AMENAZAS

Pérdida de hábitat por deforestación e incendios.

Cacería y tráfico ilegal de animales como mascotas o pieles.

Envenenamientos, electrocuciones y atropellamientos.

Invasión de perros domésticos y enfermedades infecciosas.

ESPECIE EN RIESGO DE EXTINCIÓN

Su uso, captura y comercio son ilegales bajo la resolución 0192 del 2024 expedida por el Ministerio de Ambiente y Desarrollo Sostenible.

PROYECTO DE CONSERVACIÓN DEL TIGRILLO ANDINO

Es un colectivo multidisciplinario integrado por biólogos, artistas, veterinarios, diseñadores y comunidad interesada, que tiene como objetivo proteger y conocer a las poblaciones del enigmático tigrillo andino (*Leopardus pardinoides*) en su hábitat, especie con un alto riesgo a la extinción. Este proyecto se encarga de mitigar las amenazas que enfrentan los tigrillos para prevenir su extinción y monitorear sus poblaciones con el uso de cámaras trampa.

LÍNEAS DE ACCIÓN

MONITOREO

Con ayuda de cámaras trampa y análisis estadísticos, recorremos las áreas protegidas de Colombia con presencia del tigrillo andino para obtener datos sobre su abundancia, distribución y los factores que determinan su supervivencia.

EDUCACIÓN AMBIENTAL

Usamos herramientas pedagógicas como charlas, foros, murales y juegos; visitamos las escuelas o instituciones para empoderar a las comunidades sobre el tesoro silencioso, manchado y pequeño que poseen en sus montañas.

TENENCIA RESPONSABLE DE PERROS

Desarrollamos jornadas gratuitas de vacunación y esterilización caninas para reducir el crecimiento poblacional de los perros, así como su potencial para la dispersión de enfermedades que afectan al tigrillo andino y otros animales del bosque. Concientizamos a las personas sobre sus responsabilidades al tener una mascota.

¡PROTEGER AL TIGRILLO ANDINO ES POSIBLE PARA TODOS NOSOTROS!

Acciones simples como limpiar ríos y quebradas, no desperdiciar agua, reducir el consumo de plásticos y ser responsable con tu mascota, pueden marcar una gran diferencia.

Encontrou um filhote na natureza?

Não o recolha.

Na maioria das vezes, a mãe está por perto e retornará quando o ambiente estiver seguro. Retirá-lo pode interromper o cuidado parental e diminuir suas chances de sobrevivência.

O que fazer?

- ✓ Afaste-se e observe de longe.
- ✓ Mantenha pessoas e animais domésticos afastados.
- ✓ Evite tocar ou alimentar o filhote.
- ✓ Se estiver ferido ou em risco, acione os órgãos ambientais.

O melhor lugar para um filhote saudável é ao lado de sua mãe.

Proteja a fauna silvestre. Não interfira sem necessidade.

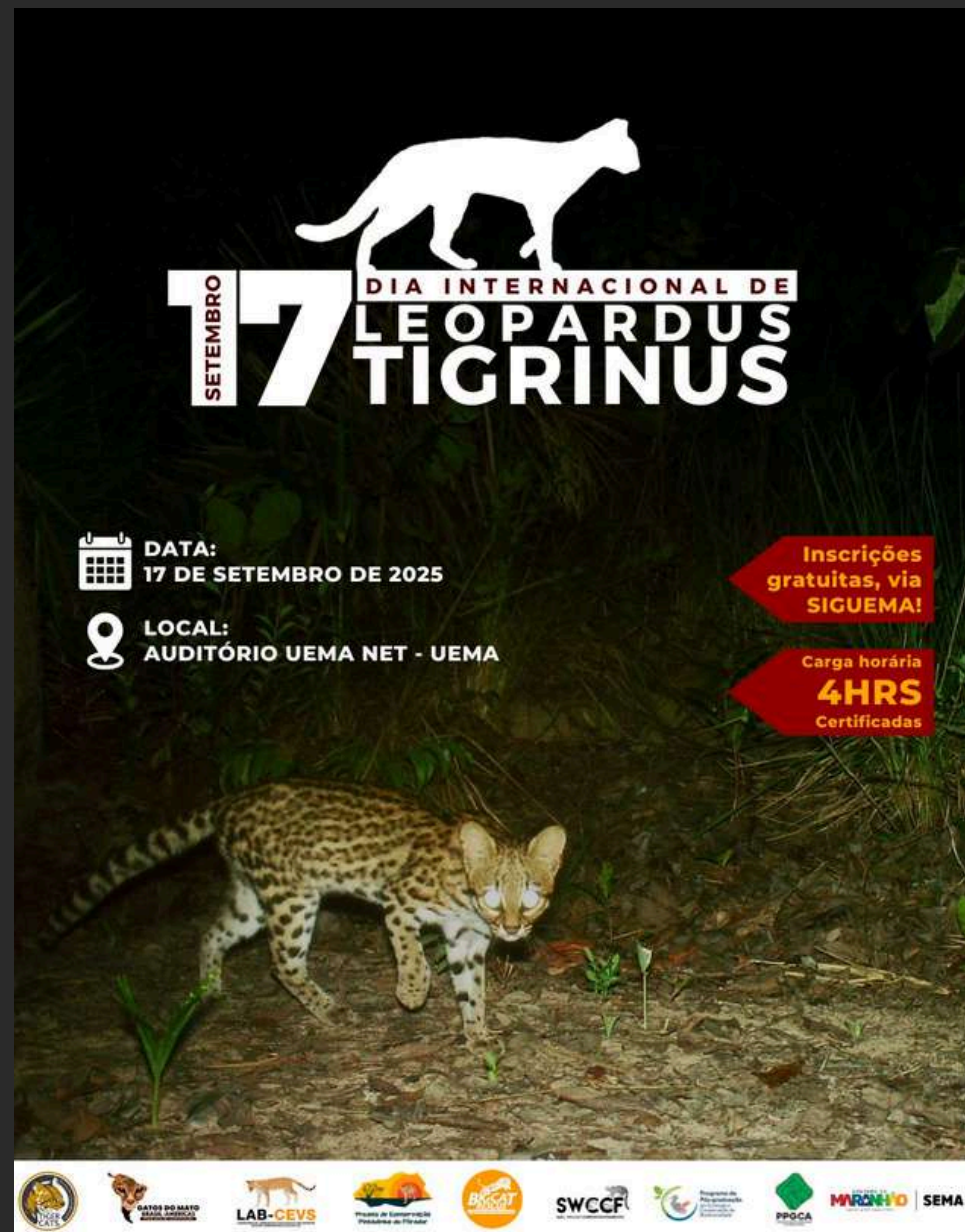

+ 6,000
EDUCATIVE MATERIAL PRINTED AND PRODUCED

MURALS IN LOCAL SCHOOL



MIDDLE CAUCA

SHARING KNOWLEDGE EVENTS AND ENGAGEMENT



Tiger Cats Conservation's participation in events is essential to **expanding the reach of conservation actions, strengthening partnerships,** and **promoting the protection of small wild cats.**

SHARING KNOWLEDGE EVENTS AND ENGAGEMENT

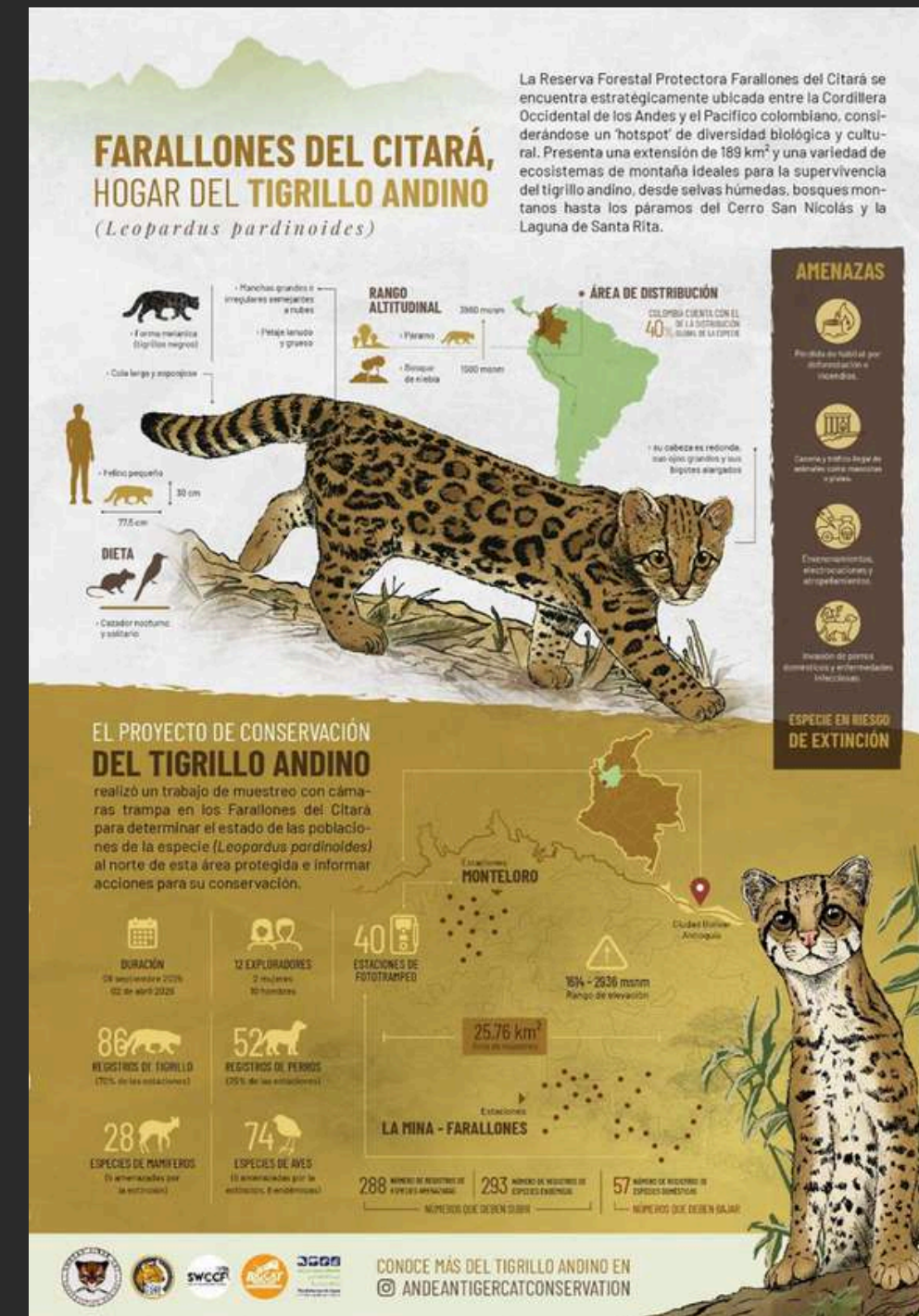


WORKSHOPS

ROAD SIGNS



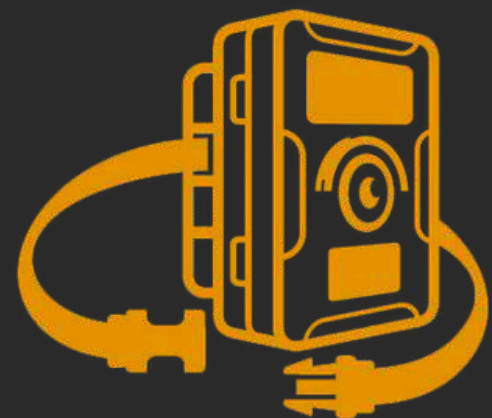
Road-signs design developed for installation in municipalities surrounding Caparaó National Park, as part of a conservation initiative to raise public awareness and reduce wildlife roadkills. Roadkilled animals are subsequently submitted to necropsy for disease surveillance and research.



STAYING VIGILANT: POPULATION MONITORING



Ocelot: 42
Margay: 38
Jaguarundi: 41
Clouded tiger-cat: 20
Savanna tiger-cat: 20
Atlantic forest tiger-cat: 20
Cerrado black-footed cat: 02
Pampa-cat: 01
Geoffroy's cat: 03



204+ partial estimates of relative abundance (estimate)
12 new areas in the Amazon Basin in Brazil
9 (12) species of small cats being monitored

+ jaguar, puma as by-catch



STAYING VIGILANT: POPULATION MONITORING - PANAMA

Table. Relative abundances (records / effort X 100) for six felid species for the year 2025 at seven study sites in Western Panama. NA indicates species is likely absent and unavailable for detection.

Site	Survey effort	Jaguar	Puma	Ocelot	Jaguarundi	Clouded Tiger Cat	Margay
Finca Cañas Verdes	2966	0.034	0.88	0.40	0.00	0.74	0.034
Finca Café de Eleta	1178	NA	0.00	0.42	0.084	0.00	0.00
Finca El Velo	4124	0.17	1.99	0.04	0.024	1.38	0.00
La Amistad International Park	1059	1.42	1.70	0.00	0.094	0.38	0.00
Finca Hartmann	3218	0.53	0.96	0.12	0.093	0.47	0.00
Finca Salmor	1253	NA	NA	0.08	0.08	NA	0.00
Cafetales Urriola	476	NA	2.1	0.00	0.00	0.00	0.00



STAYING VIGILANT: POPULATION MONITORING



STAYING VIGILANT: POPULATION MONITORING



STAYING VIGILANT: POPULATION MONITORING

MONITORING OF ARTIFICIAL DRINKING STATIONS MANAGED BY THE ADMINISTRATION OF THE JAMACAI REFUGE PRIVATE NATURAL HERITAGE RESERVE (RPPN)



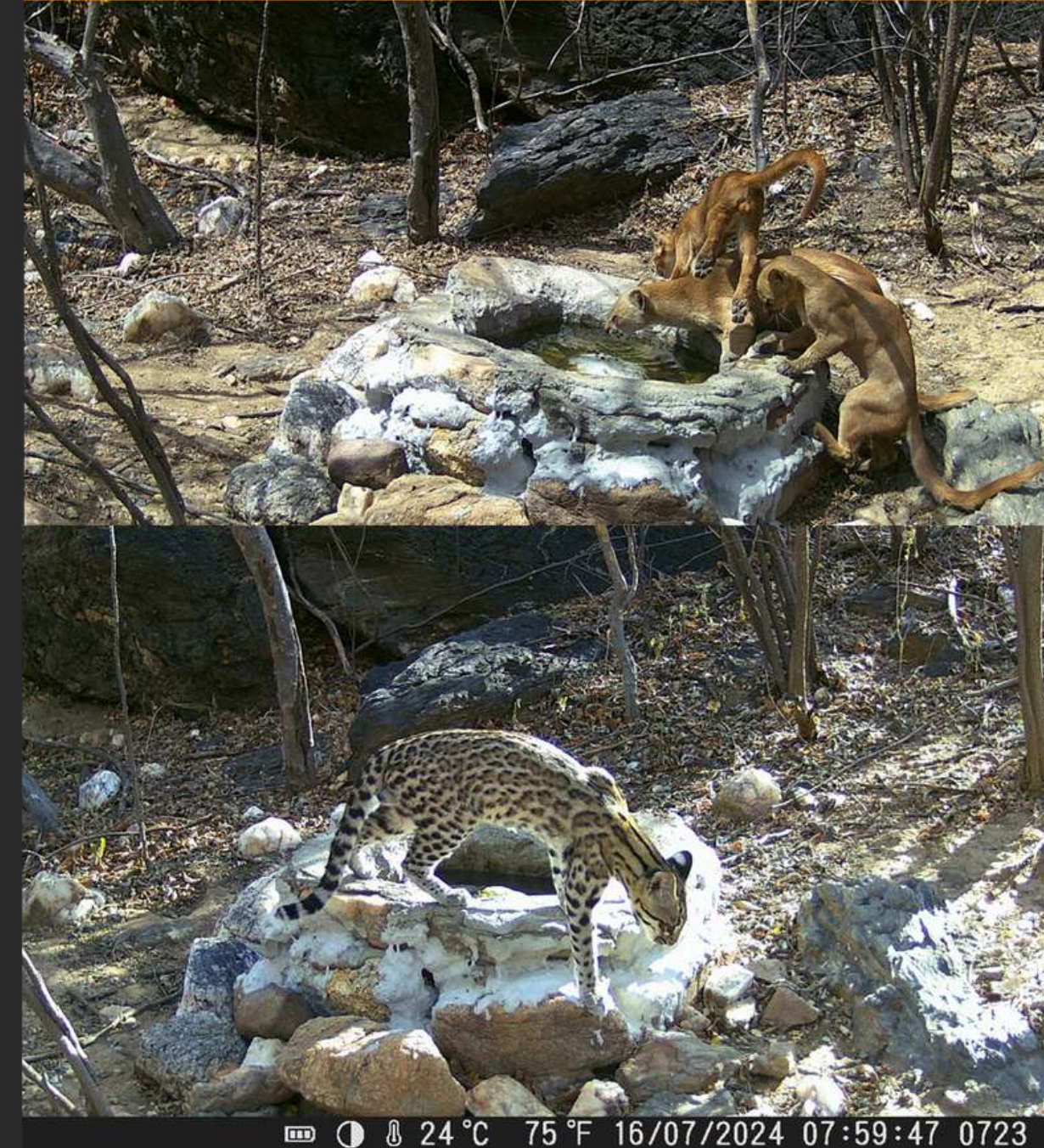
Twelve months of camera-trap monitoring at three artificial water sources managed by the private reserve, resulting in more than 100 records of *Herpailurus yagouaroundi* and over 200 records of *Leopardus tigrinus*, including juveniles.

Spotted in a dry world: How seasonality shapes northern tiger cat (*Leopardus tigrinus*) activity patterns and detectability in Caatinga dry forest.



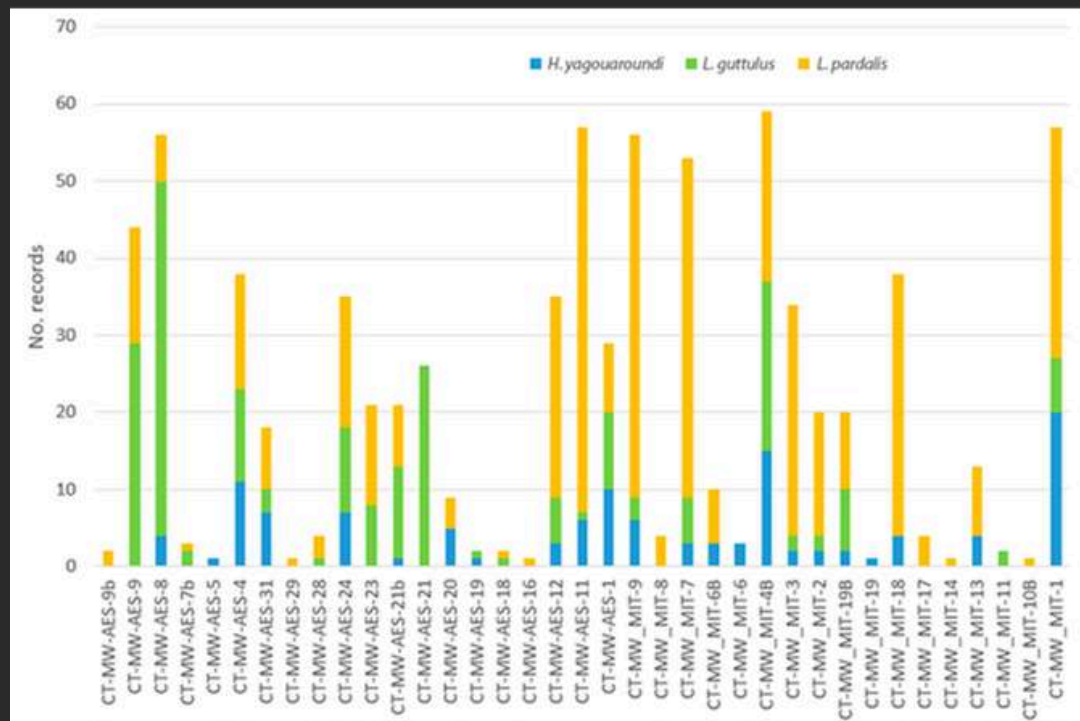
By integrating activity, occupancy, and detectability patterns, this study contributes to understanding the ecology of *L. tigrinus* in a semiarid environment.

Small reserves, great diversity: A private protected area as an important refuge for small felids and other mammals in the Brazilian tropical dry forest.



When well-managed (including artificial waterholes), small reserves may serve as an important refuge for small felids and their prey in Brazilian semiarid.

Interspecific relationships among Neotropical felids in a Cerrado landscape and adjacent agricultural areas



Results indicate that interspecific relationships are modulated by the abundance of the dominant species, *Leopardus pardalis* (ocelot), and by landscape structure, highlighting the importance of environmental context in conservation strategies.

Residents, floaters and population composition through time of the Endangered Atlantic Forest tiger-cat (*Leopardus guttulus*) in southern Brazil



- Densities remained stable over the years, at approximately 16 individuals/100 km²
- Male-to-female ratio: 1:1.86
- Resident-to-floater ratio: 1:3.5
- The longest period of residence was seven years, with an average of three years of residence.
- Overall, the individuals were active throughout the day, with cathemeral patterns.

Resilient carnivores: small felids persist in the coffee-growing landscape of the Talamanca Mountains, Central America.

Forest



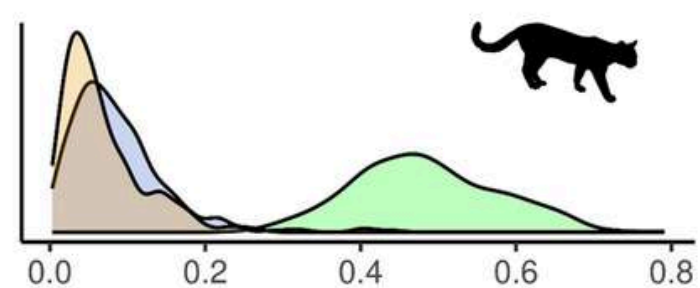
Shade-grown coffee



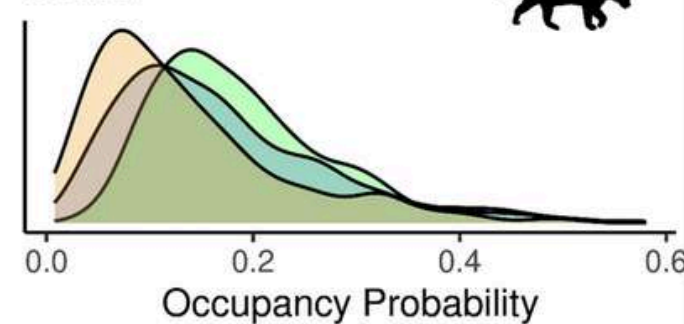
Sun-grown coffee

Despite land use change, small felids persist in shade coffee plantations

Clouded Oncilla



Ocelot



PROTECTED AREAS CREATION



Participation in public hearings organized by the Rio Grande do Norte Institute for Sustainable Development and the Environment (IDEMA) in October 2025 to support discussions on the **creation of the Serra das Araras Wildlife Refuge**, a **protected area** encompassing more than **12,000 hectares of Caatinga ecosystem** in the state of Rio Grande do Norte.

REHABILITATION AND RELEASE: CARE, RECOVERY, AND A SECOND CHANCE IN THE WILD

DEVELOPED AT THE WILDLIFE SCREENING AND REHABILITATION CENTER (CETAS)/IBAMA

- **30 small cats**

Savanna tiger-cat

Ocelot

Jaguarundi

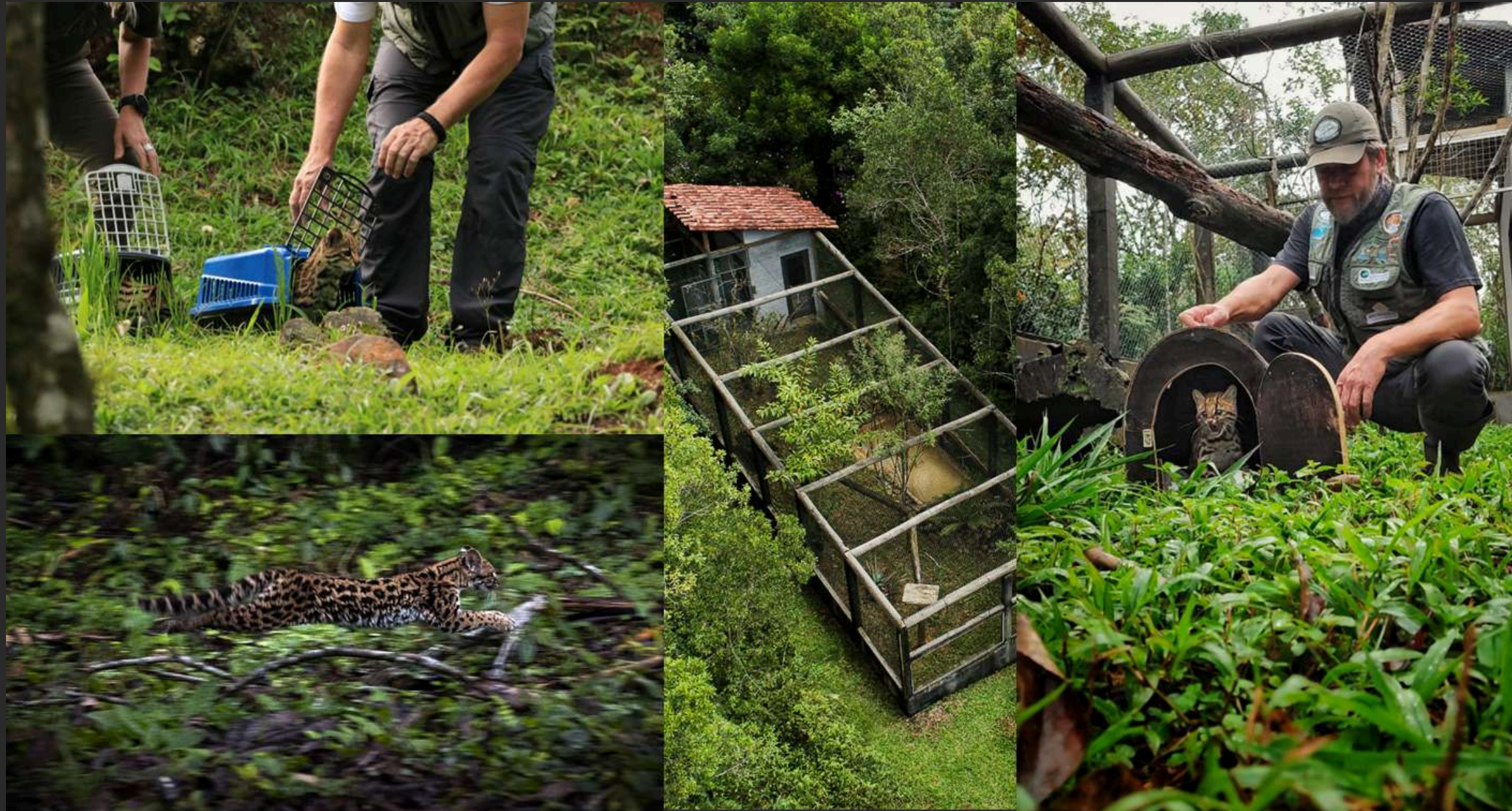
Margay



- Behavioral tests; Recording of behavioral repertoire and rehabilitation enclosures.

REHABILITATION AND RELEASE: CARE, RECOVERY, AND A SECOND CHANCE IN THE WILD

REHABILITATION CENTER FOR SMALL FELID CONSERVATION - INSTITUTO FELINOS DO AGUAÍ



REHABILITATION AND RELEASE: CARE, RECOVERY, AND A SECOND CHANCE IN THE WILD



Instituto Fauna Brasil - Enclosure transport, site preparation, and installation.
(Preparatory work for the 2027 wildlife rehabilitation program)

THE “INVISIBLE THREAT”: ONE HEALTH PATHOGEN SURVEILLANCE IN NEOTROPICAL SMALL FELIDS

CETAS/IBAMA São Luís with State University of Maranhão | Pre-release risk screening + confirmatory biobanking

First-line screening results and implications for pre-release risk management

Screening-based indications only; no inference on infection status without confirmatory assays

Screening summary (n = 19)

Clinical status: 100% asymptomatic at the time of evaluation

Viral antigens (rapid surrogates): no positives were detected

CDV antibodies: 78% seroreactive (screening-based indication of prior exposure)

Leishmaniasis: 1 individual reactive (~5%)

Other pathogens: no relevant first-line findings

Cautious interpretation (limits + next steps)

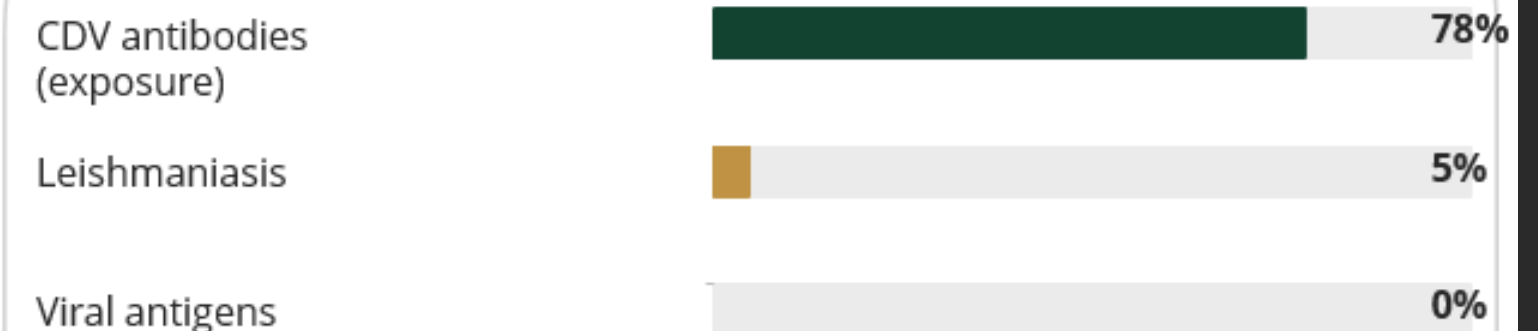
Seroreactivity is compatible with prior exposure, but does not determine infection status, shedding, or transmission risk.

Antigen negativity does not demonstrate viral clearance; confirmatory assays are required.

Surrogate rapid tests may have uncertain performance in wild felids and must be interpreted conservatively

Operational use: triage and prioritization of confirmatory testing to support release decisions.

Signal overview (first-line screen)



Take-home message (conservative)

In a sentinel cohort, first-line screening identified seroreactivity compatible with prior CDV exposure and one leishmaniasis-reactive individual. These results justify confirmatory qPCR and, where feasible, neutralization assays. Until confirmation is available, any interpretation should remain strictly limited to screening-based indications; nonetheless, structured surveillance supports more transparent pre-release risk management than visual assessment alone.

THE “INVISIBLE THREAT”: ONE HEALTH PATHOGEN SURVEILLANCE IN NEOTROPICAL SMALL FELIDS



COMMUNITY-BASED CONSERVATION THROUGH LOCAL ART



Community partnerships that connect traditional craftsmanship with wildlife conservation. Handmade ceramic pieces inspired by the biodiversity of the Caatinga were developed in **collaboration with local artisans**, helping **preserve regional cultural heritage** while **promoting awareness** of the importance of conserving wild felids and other threatened species.

Proceeds from the sale of these products directly **support the activities of the Caatinga Wild Cats Project**, including wildlife monitoring, environmental education, vaccination and sterilization campaigns for domestic animals, and other conservation initiatives.

ACTIVITIES IN A GLOBALLY IMPORTANT CONSERVATION AREA FOR *LEOPARDUS GUTTULUS*

GOALS

- Reduce human–wildcat conflicts.
- Promote peaceful coexistence between people and wildcats.
- Increase knowledge and awareness of the species and its conservation.
- Enhance the perceived value of wildcats by generating sustainable economic opportunities for local communities.



Sightings of *Leopardus pardalis* by tourists guided by Fábio Mazim, wildlife tracker and member of the TCCI.

Monitoring period: 48 months (2022-2025)								
Species	Unit Value (R\$)	No. of Individuals Killed	Total (R\$)	USD	Project Income (R\$)	Project Income (USD)	Net Benefit (R\$)	Net Benefit (USD)
Equine	R\$2.500,00	4	R\$10.000,00	1941,75	R\$64.000,00	12427,18	R\$40.500,00	7864,08
Ovine	R\$500,00	12	R\$6.000,00	1165,05				
Cattle	R\$2.500,00	3	R\$7.500,00	1456,31				
Poultry	R\$1,00	0	R\$0,00	0				
Total (R\$)		19	R\$23.500,00	4563,11				

"Knowing to Protect" Citizen Science

Engaging landowners, tourism guides, and researchers in camera-trap monitoring to strengthen local stewardship while generating valuable data on wildcat populations.

Promoting rural tourism and ecotourism through camera-trap monitoring at lodges and ranches, highlighting the region's wildlife and natural landscapes.

Training guides, landowners, and professionals in wildcat identification, monitoring techniques, and biodiversity conservation.

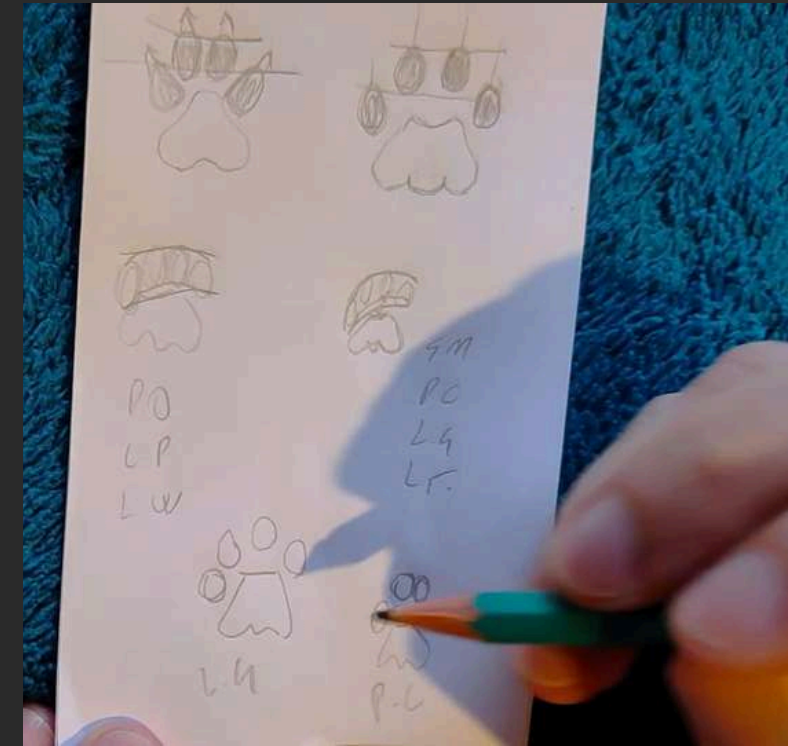
"Riding with Wildcats" Experience

Developing immersive horseback experiences that combine wildlife monitoring, environmental education, and community-based tourism.

Wildlife Health and Disease Prevention

Vaccination, sterilization, feeding, and adoption initiatives for abandoned hunting dogs to reduce health risks and human-wildlife conflicts.

Identifying and monitoring livestock depredation hotspots to support effective conflict mitigation strategies.



Impact Mitigation

Assessing wildlife movement along roads to guide measures that reduce wildlife-vehicle collisions.

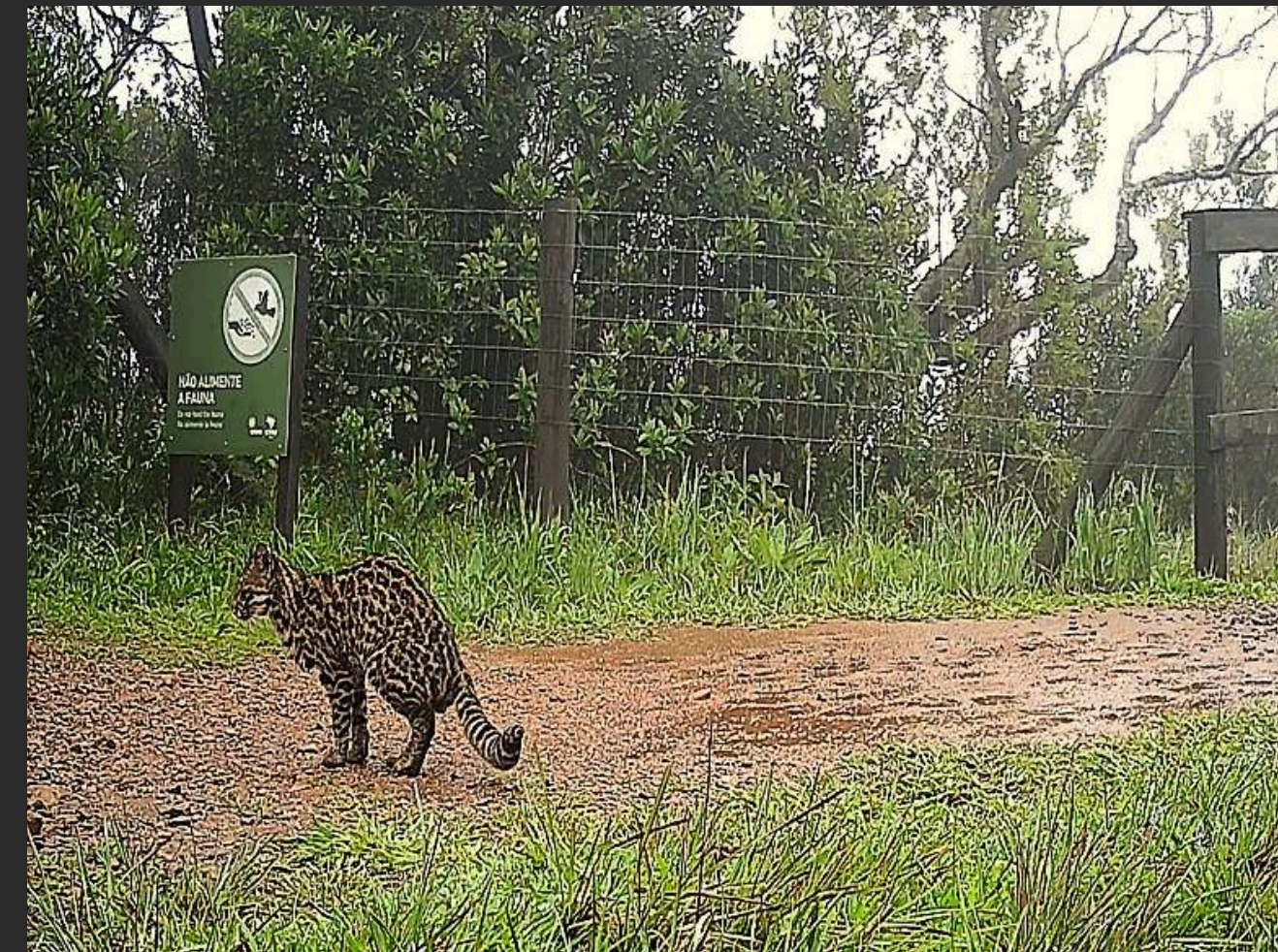
Promoting Human–Wildcat Coexistence

Evaluating carnivore behavior in areas of public use and promoting safe coexistence between people and predators.

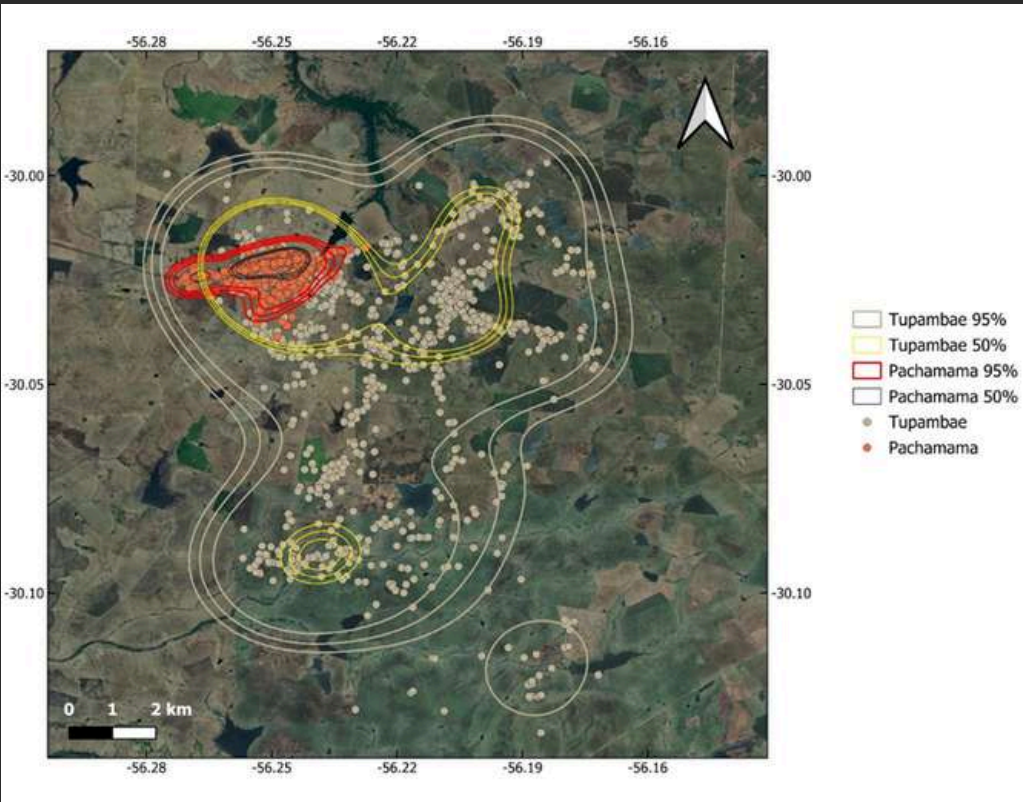
Advancing Conservation Science

Conducting research on the ecology, behavior, epidemiology, and health of *Leopardus guttulus* and other key carnivore species.

Collecting genetic samples to investigate the high frequency of melanism in *Leopardus guttulus* populations.



STAYING VIGILANT: POPULATION MONITORING OF THE CRITICALLY ENDANGERED PAMPA-CAT



ID	Locations	95% Kernel (km ²)	Mean distance per day (km)
Tupambaé	1759	101,69	9,25
Pachamama	1135	4,6	2,29

- New areas of occurrence; **252 independent new camera trap records**; only **19 individuals +2**;
- Preliminary density estimate: **0.014/km²**
- Capture and monitoring by radio-collar of two adult individuals (male and female);
- Now we understand the minimum basic habitat requirements for more effective conservation action.

Chapter

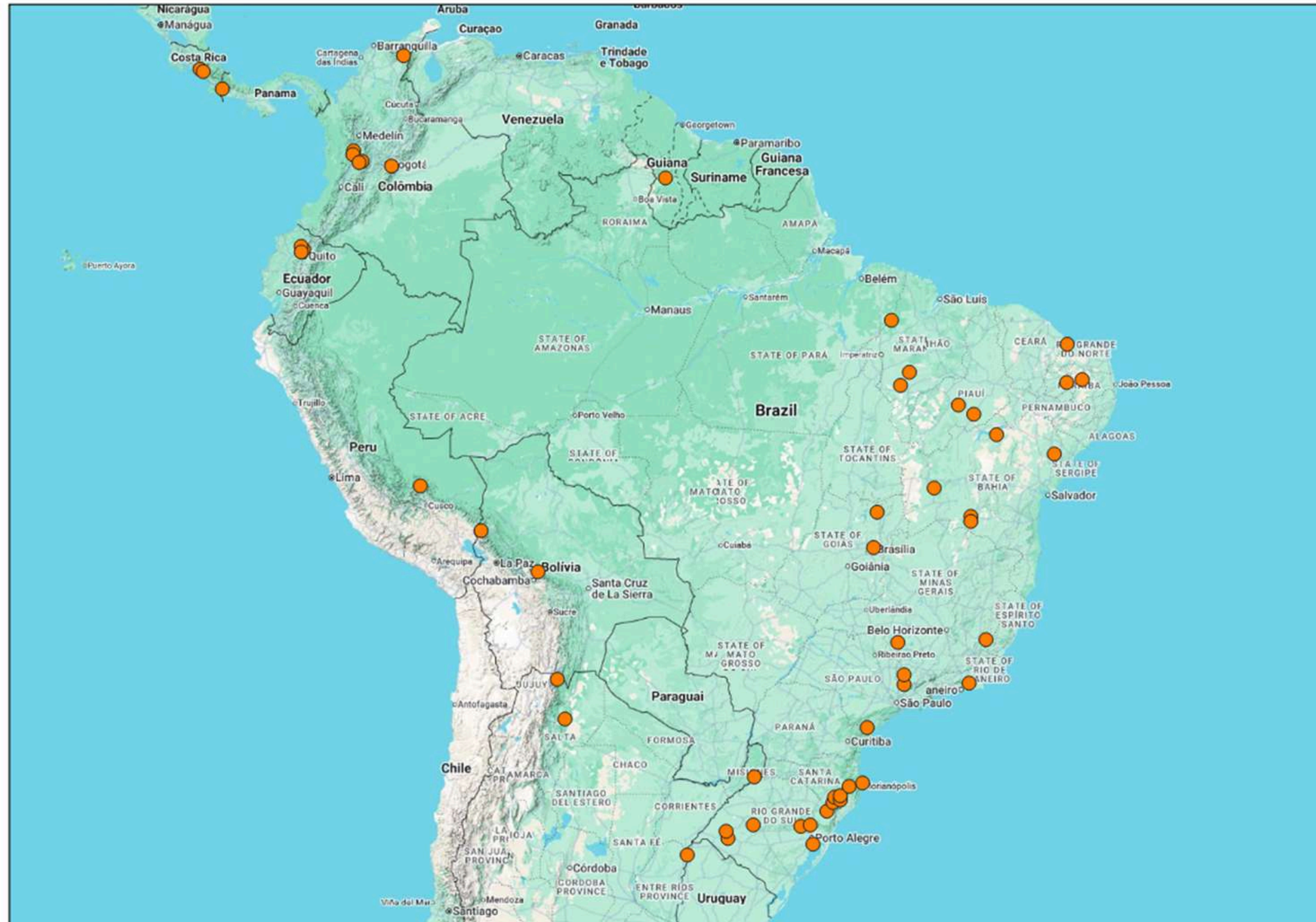
The Critically Endangered Pampa Cat (*Leopardus munoai*) on the Brink of Extinction in Brazil: The Little We Know and an Action Plan to Try to Save It

Fábio Dias Mazim, Paulo Guilherme Carniel Wagner, Lester Alexander Fox-Rosales, Alisson da Rosa Bojink and Tadeu Gomes de Oliveira





TCCI - Key Projects/sites



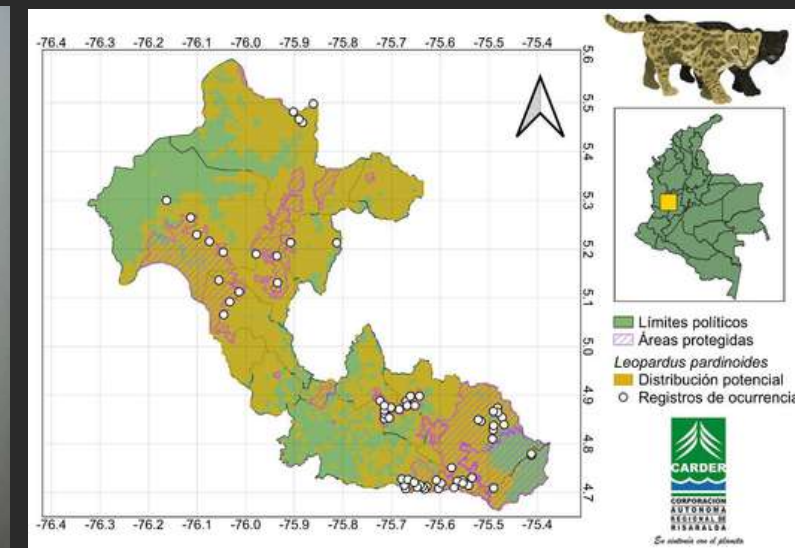


TCCI - Key Projects/sites

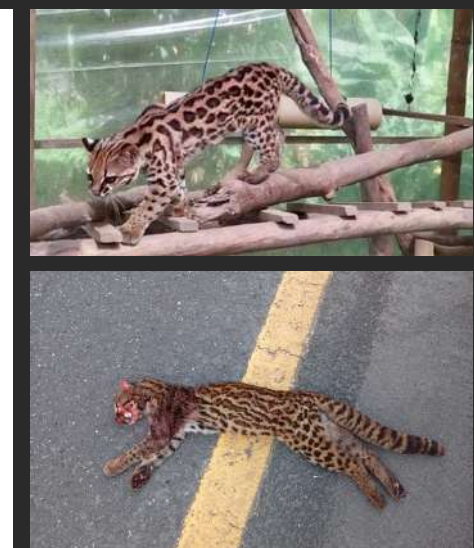


MIDDLE CAUCA - COLOMBIA

- Key conservation area for clouded tiger-cat in Colombia. The 5 sites covered two cordilleras, amidst coffee and avocado plantations.
- Extensive actions on vaccination, neutering, environmental education, community involvement, conflict, roadkills, rehabilitation + public policies.
- Key area in the the Tropical Andes biodiversity hotspot for the conservation of clouded tiger-cat.
- High incidence of dogs.
- A mix of small protected areas, public and private, and agricultural mosaic.
- Felid species: clouded tiger-cat, ocelot, puma.



Establishing priority areas for clouded tiger-cat in cudinamarca, colombia



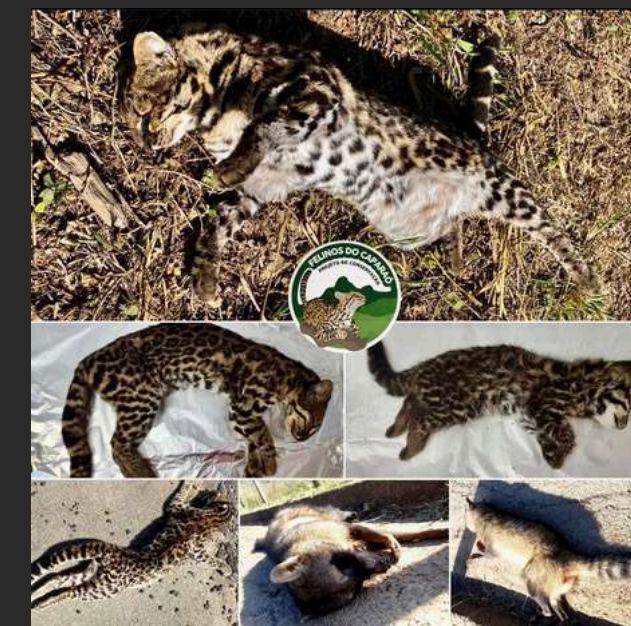


TCCI - Key Projects/sites



CAPARAÓ NATIONAL PARK AREA- BR

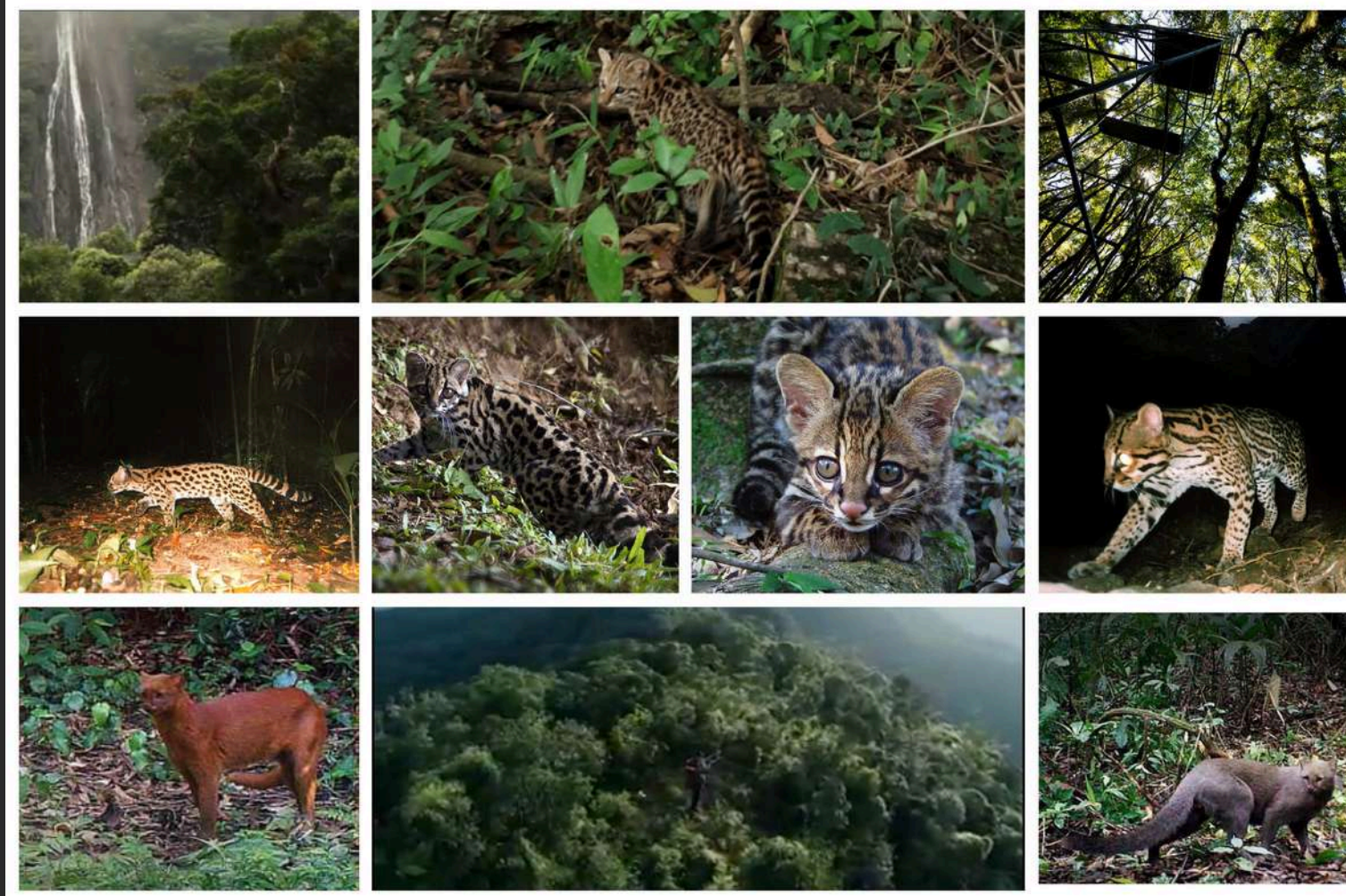
- Key conservation area for Atlantic Forest tiger-cat. Caparaó Nat. Park and its surroundings is one of the few protected areas housing significant numbers of Atlantic Forest tiger-cats, hence becoming a safeguard for the species.
- Extensive actions on vaccination, neutering, environmental education, community involvement, conflict, roadkills.
- Key project and area in the Atlantic Forest biodiversity hotspot for the conservation of Atlantic Forest tiger-cat. Also important for margay.
- High incidence of dogs.
- Felid species: Atlantic Forest tiger-cat, margay, jaguarundi, ocelot (few), puma



Detecting new diseases transmitted by domestic carnivores + tiger-cats positive for leishmaniasis and babesiosis, detected from roadkilled individuals



TCCI - Key Projects/sites



FELINOS DO AGUAÍ - BR

- Key TCCI project tat has an amazing structure, with rehabilitation facilities, auditorium, etc. in an area with of a mosaic of protected and unprotected areas of Atlantic Forest.
- Extensive actions on vaccination, neutering, environmental education, community involvement, rehabilitation
- Key project and area in the Atlantic Forest biodiversity hotspot for the conservation of margay, but also for Atlantic Forest tiger-cat.
- High incidence of dogs.
- Felid species: margay, ocelot, Atlantic Forest tiger-cat, jaguarundi, puma





TCCI - Key Projects/sites



CAPIVARA-CONFUSÕES MOSAIC - BR

- Key conservation area for savanna tiger-cat in the semiarid Caatinga shrub-woodland consisting of the two largest National Parks (Serra da Capiwara, Serra das Confusões) and their surroundings.
- Felid species: # 5: ocelot, jaguarundi, savanna tiger-cat, margay (very rare), puma, jaguar.
- Largest block of protected areas in the threatened Caatinga drylands.
- Key area in the biome for: savanna tiger-cat, jaguarundi, ocelot, puma and jaguar.
- High incidence of dogs.
- Partnership with Anjos do Sertão.
- This project is expected to become one of the key players for tiger-cats in this environment.

LOOKING FORWARD TO DEVELOPING PRODUCTS WITH A TIGER-CAT STAMP





TCCI - Key Projects/sites



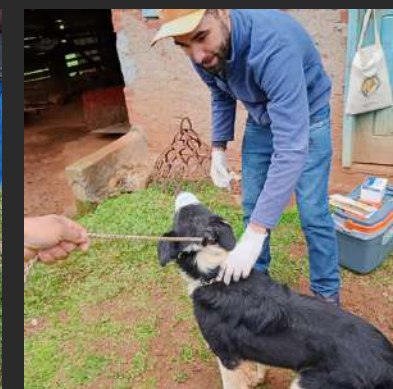
CHINGAZA NATIONAL PARK - COLOMBIA

- Chingaza National Natural Park comprises an important key area and project for the conservation of the clouded tiger-cat in the Eastern cordillera. It is part of the Chingaza-Sumapaz-Guerrero conservation corridor.
- Carnivore Distemper Virus (CDV) had been detected on spectacled bear inside the park, and the number of dogs outside park borders is considerable.
- Conservation actions includes vaccination, environmental education, community involvement, conflict, roadkills.
- Felid species: clouded tiger-cat, ocelot, puma





TCCI - Key Projects/sites



APARADOS DA SERRA MOSAIC - BR

- Key conservation areas for the Atlantic Forest tiger-cat. The area includes Aparados da Serra National Park, which is one of the very few protected areas that houses a significant population of Atlantic Forest tiger-cats, hence becoming a safeguard for the species. This mosaic area includes 3 distinct sites/projects (Aparados, Ipê, and Cambará do Sul) merged into one.
- Conservation actions, including vaccination, environmental education, community involvement, conflict, roadkill, and rehabilitation/release /monitoring, have recently begun in this area.
- Key area in the Atlantic Forest biodiversity hotspot for the conservation of Atlantic Forest tiger-cat. Also important for margay.
- High incidence of dogs.
- Felid species: Atlantic Forest tiger-cat, margay, jaguarundi, ocelot (few), puma





TCCI - Key Projects/sites



TAQUARI VALLEY - BR

- The Taquari Valley is on the southernmost range of the Atlantic Forest tiger-cat. The area was one of the first where we learned about the species. It comprises a mosaic of forest patches, small scale agriculture and urban sprawl that is a snapshot of most of the range of the species.
- In this area we are enhancing survival while also learning how small cats are making use of such a forest-agriculture landscape. This area is in the hybrid zone with Geoffroy's cat and, hence, of high conservation concern.
- Very high dog population.
- Conservation actions already in place include vaccination, environmental education (a center adjacent to the forest trail is being established for kids), conflicts (hen house and kennel).
- Felid species: Atlantic Forest tiger-cat, margay.





TCCI - Key Projects/sites



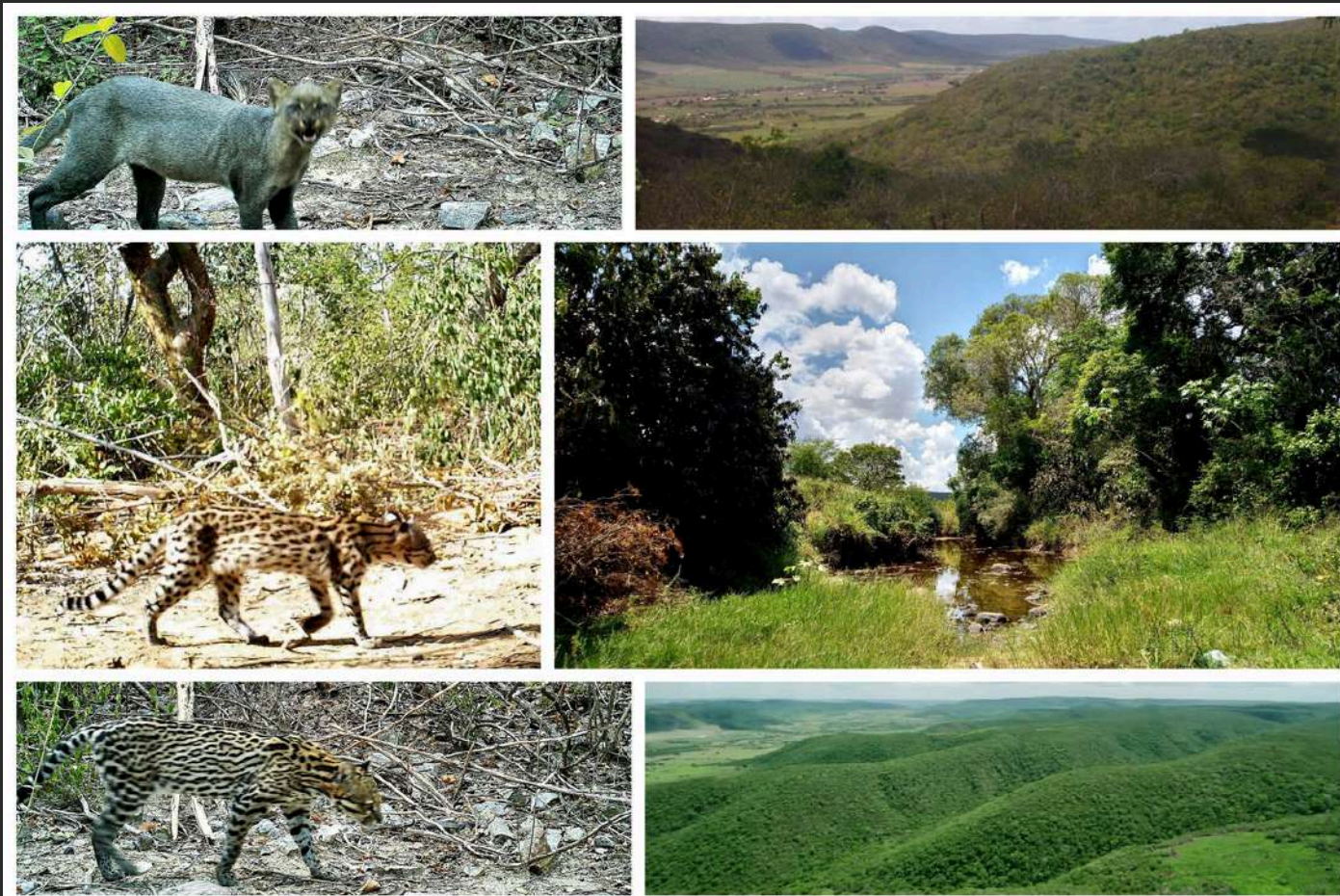
FURNA FEIA - BR

- Furna Feia National Park is one of the most important preserves, housing an important population of savanna tiger-cat and a varied biodiversity in the threatened Caatinga domain.
- Protected areas such as this comprises safer areas and source populations of small cats for the Caatinga.
- Conservation actions have been implemented for a while with a strong impact on children in the surrounding area (> 1,000), and extensive vaccinations.
- Project members have helped in the creation of two other protected areas.
- High incidence of dogs.
- Felid species: savanna tiger-cat, ocelot, jaguarundi.





TCCI - Key Projects/sites



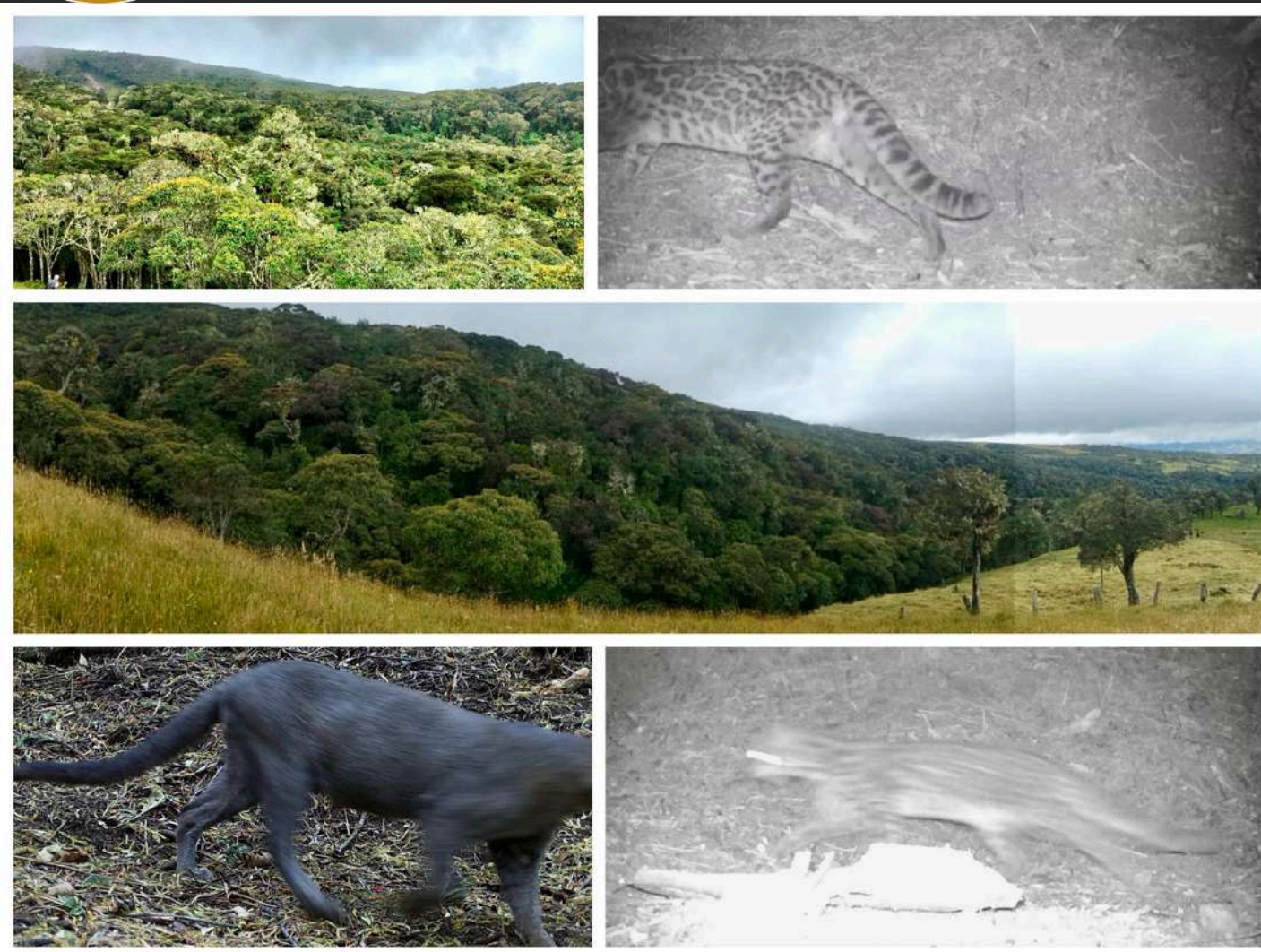
SERRA DOS MACACOS - BR

- Serra dos Macacos is a well preserve are in the Caatinga of the state of Sergipe, where we are trying to make it into a properly established protected area.
- This area is one of the few pristine sites in the surrounding areas, serving as a source population of small cats for the region.
- Conservation actions of vaccination and environmental education have been implemented for a while .
- Our aim is making this a properly protected site.
- High incidence of dogs.
- Felid species: savanna tiger-cat, ocelot, jaguarundi.





TCCI - Key Projects/sites



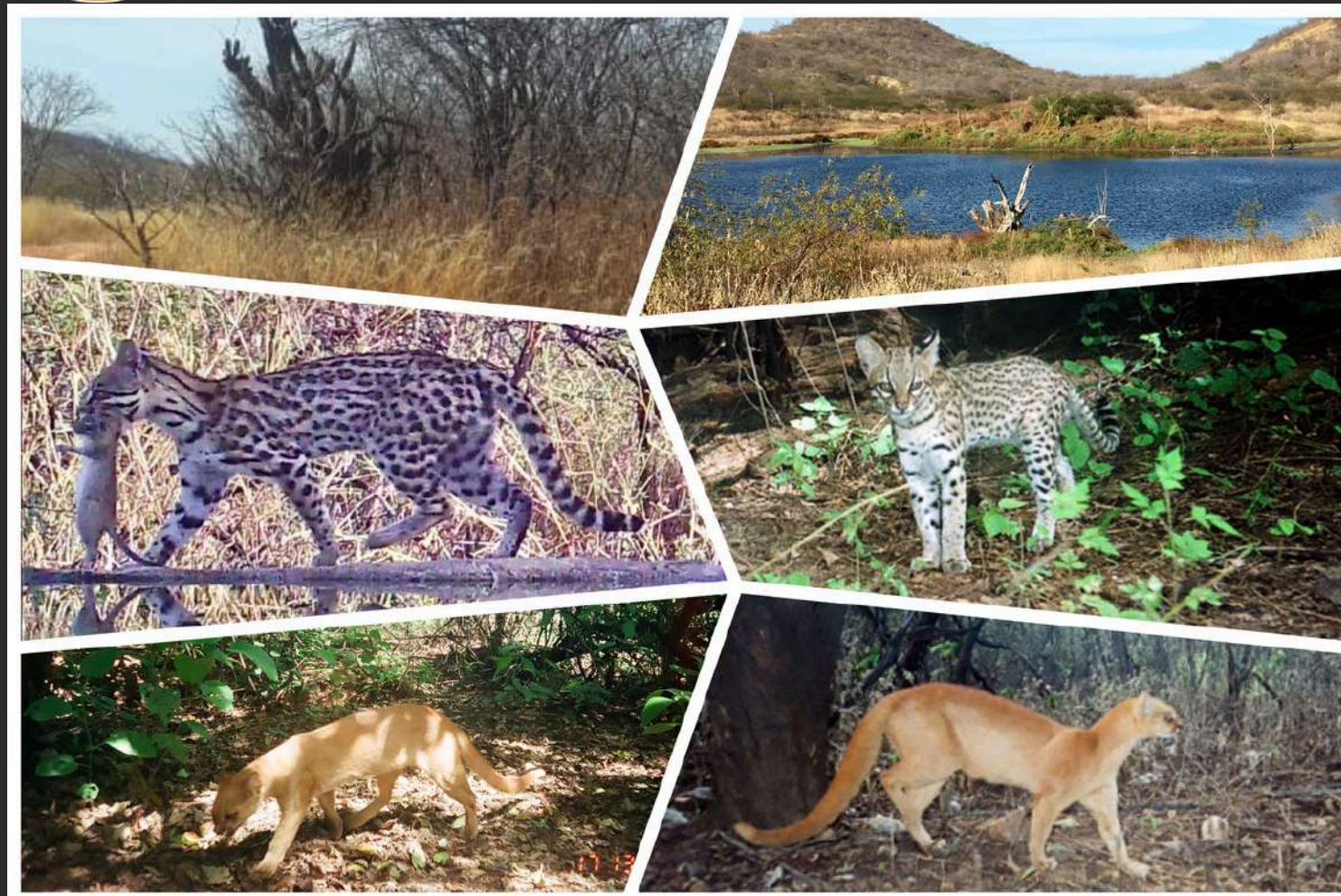
PURACÉ NATIONAL PARK - COLOMBIA

- 'Puracé Natural National Park is located in southern Colombia, near the Ecuadorian border. This area has a certain degree of endemism and biodiversity, since the three mountain ranges starts there, and it is a transition zone towards the Amazon and Pacific.
- Purace is part of the Andean Belt Constellation Biosphere Reserve declared by UNESCO in 1979.
- Conservation actions have just started and includes vaccination, environmental education, community involvement, conflict.
- We work with strong partnership with the native/indigenous community of Kokonuko.
- Felid species: clouded tiger-cat, jaguarundi, ocelot, puma



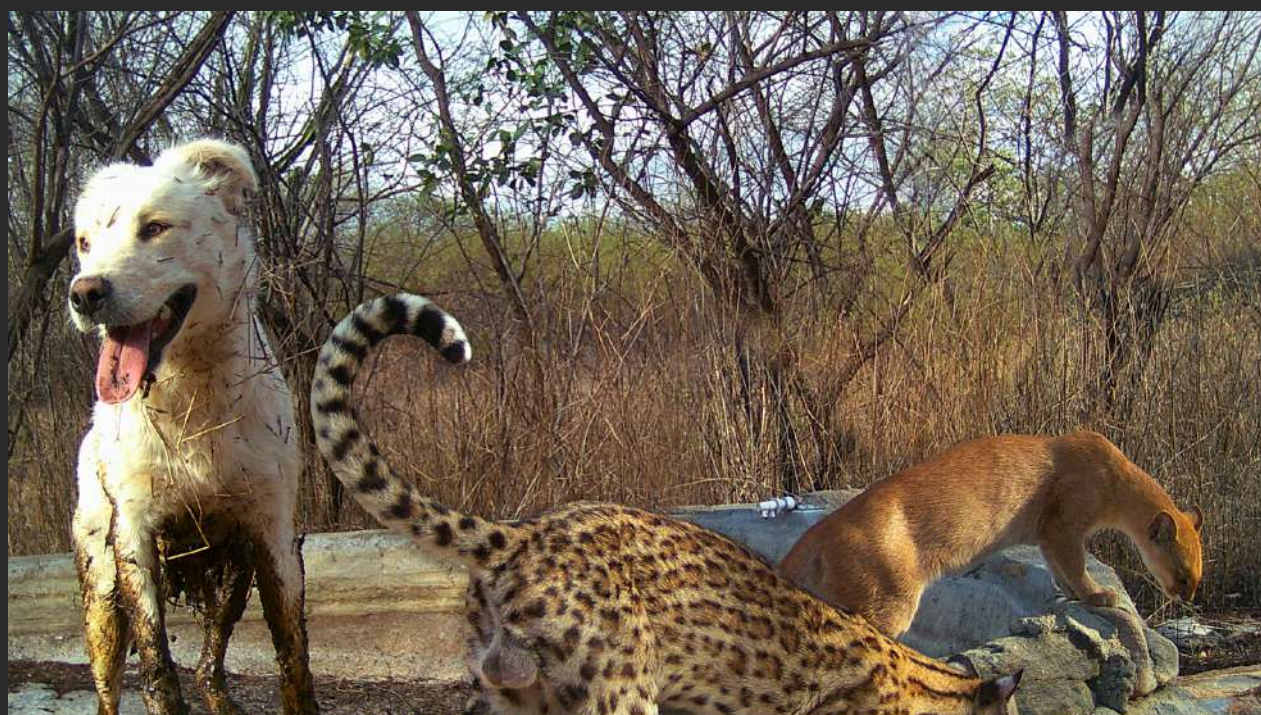


TCCI - Key Projects/sites



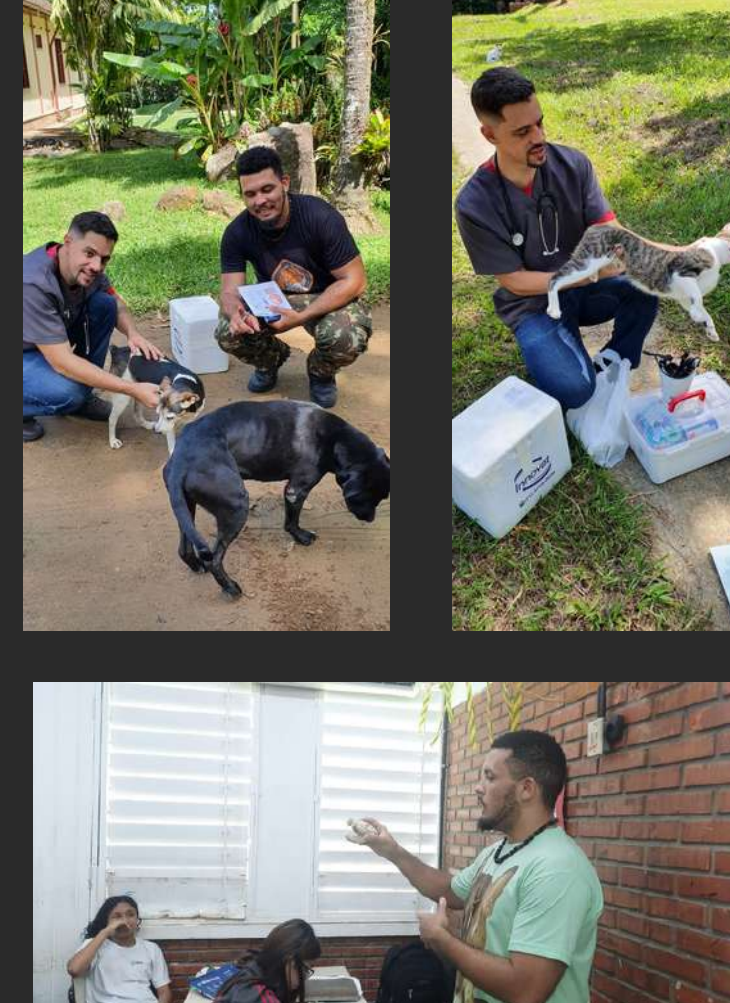
PATOS - BR

- Patos area comprises two private reserves in the semi-arid Caatinga ecosystem of northeastern Brazil: Fazenda Tamanduá and Fazenda Verdes Pastos, about 18-20 km away from one another.
- They comprise a microcosmos of the area with fragments of natural habitats amidst a mosaic of human dominated land.
- Fazenda Tamanduá is a farm producing organic products, as well as health related products such as spirulina algae. It also houses some dairy cows.
- The area has proven important for the understanding of the populations of small cats in the Caatinga, as it has been under strict monitoring for > 10 years. Vaccination and neutering have been implemented. in partnership with a local Veterinary College.
- High incidence of dogs, especially in waterholes.
- Jaguarundis with sarcoptic mange have been detected in both farms.



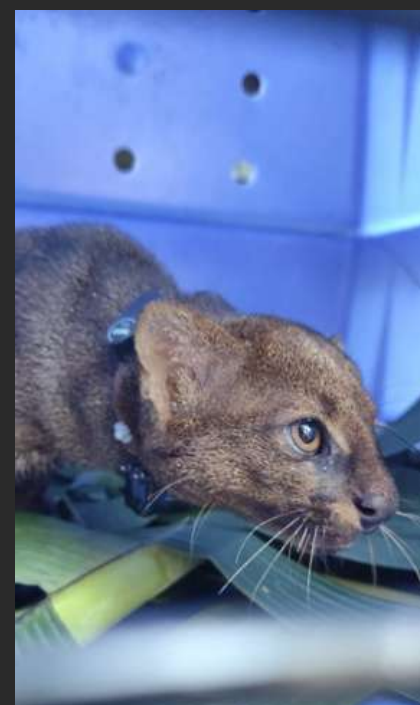


TCCI - Key Projects/sites



SERRA DO MAR CORRIDOR, RIO DE JANEIRO - BR

- Strategic corridor of Atlantic Forest at Serra do Mar, Rio de Janeiro state, comprising 3 sites (Itatiaia, Cachoeriras de Macau, Cordeiro). This area includes protected areas, forest fragments, urban sprawl, fires, and roadkills, all of which comprise mosaic biodiversity corridors.
- Carnivore Distemper Virus (CDV) outbreak had been detected previously in the area, and the number of dogs is quite high.
- Conservation actions includes vaccination, environmental education, community involvement, conflict, roadkills, and notably rehabilitation/release/monitoring.
- Felid species: Atlantic Forest tiger-cat, margay, ocelot, jaguarundi, puma





TCCI - Key Projects/sites



LA AMISTAD-VOLCÁN BARÚ MOSAIC - PANAMA

- We have recently implemented actions in Panama in the area of La Amistad and Volcán Baru National Parks and their surroundings. La Amistad comprises the most important area for the conservation of the Central American oncilla, *Leopardus pardinoides oncilla*. We have 7 sites and 2 independent partner projects on this mosaic area, most in private properties.
- We are trying to understand the impact of coffee plantations on wild felids.
- Dogs are frequently caught on our cameras in the area.
- Conservation actions already in place include vaccination, environmental education and community involvement. Aspects of conflict and roadkills should be implemented soon.
- Felid species: clouded tiger-cat, ocelot, margay, jaguarundi, puma and jaguar.





TCCI - Key Projects/sites



PERIJÁ - COLOMBIA

- Sanctuary for the conservation of the northernmost population of the clouded tiger-cat, next to the Venezuelan border.
- Perijá shows a high felid and carnivore diversity.
- High incidence of dogs invading protected areas.
- Conservation actions already in place include vaccination, environmental education and community involvement, wildlife conflicts .
- Fundación Galictis, our partner, has an extensive environmental program focusing on prevention of human - wildlife conflicts due to chicken depredation.
- Felid species: clouded tiger-cat, ocelot, margay, jaguarundi, puma and jaguar.





TCCI - Key Projects/sites



ETAMBÓIA - BR

- Etambóia is a recently established private reserve (RPPN) - 07/25/2024 owned by a TCCI member.
- The area is small (12.8 ha), but is part of a mosaic of 5 protected areas in “Tombamento - Serra do Mar” in the state of Paraná, southern Brazil.
- A variety of different dogs are constantly caught on our cameras in this small area (small area, lots of dogs).
- Conservation actions already in place include vaccination, environmental education and strong community involvement in conservation actions.
- Felid species: Atlantic Forest tiger-cat, ocelot, margay, jaguarundi, puma.





TCCI - Key Projects/sites



ITAPEVA STATE PARK - BR

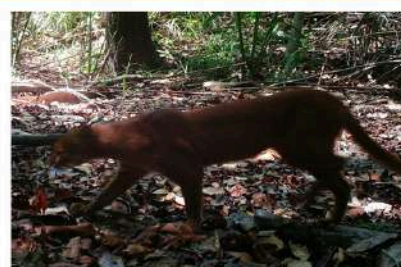
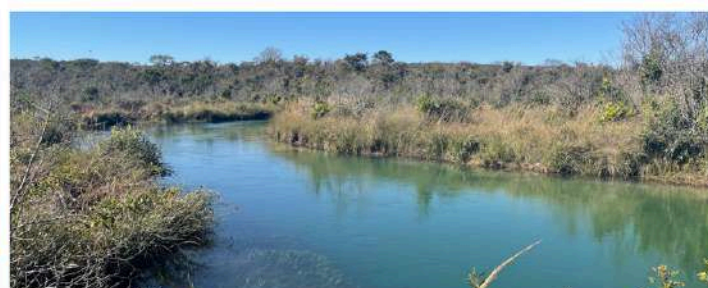
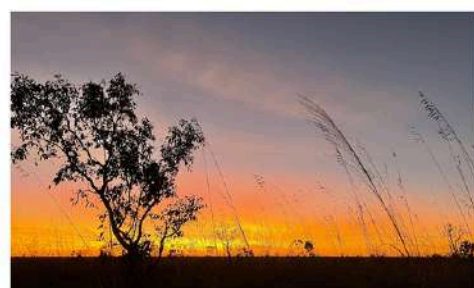
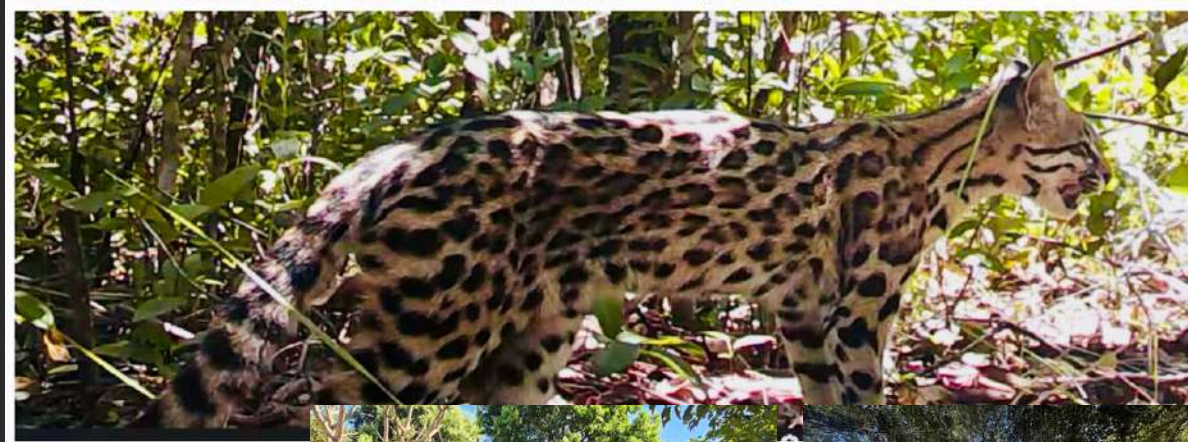
- Itapeva State Park is a microcosm of the Atlantic Forest domain biodiversity hotspot: typically small forested areas amidst a sea of agriculture, pasture, urban sprawl and development.
- The area is small but houses an important population of the Atlantic Forest tiger-cat, that serves as the source population for the entire region.
- Very high dog population.
- Conservation actions already in place include vaccination, environmental education and partnering with the state environmental agency.
- Felid species: Atlantic Forest tiger-cat.



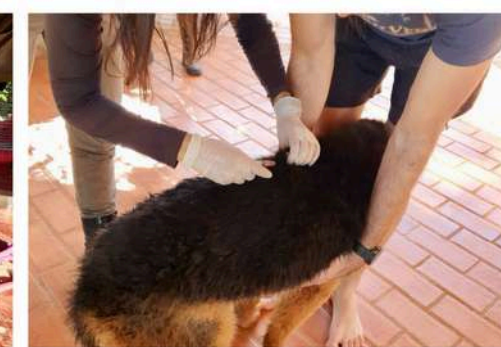


TCCI - Key Projects/sites

Chapada dos Veadeiros Nat. Park area



Emas National Park area



CENTRAL BRAZIL - 4X4

- Central Brazil comprises 2 widely distinct areas, Chapada dos Veadeiros National Park and Emas National Park and their surroundings, both in the savannas of central Brazil. Both in highly important biodiversity areas.
- 4 x 4 is a project that comprises several other projects and sites focusing on the four most threatened Brazilian felids in the 4 most threatened biomes.
- High focus on the One Health concept
- Reintroduction is a special component.
- This area has very high felid diversity, with 6 species.
- Conservation actions have been held sporadically in both areas. Planned for the upcoming budget year include vaccination campaigns, health issue assessments, and environmental education.
- Felid species: savanna tiger-cat, Cerrado black-footed cat, ocelot, jaguarundi, puma, jaguar..

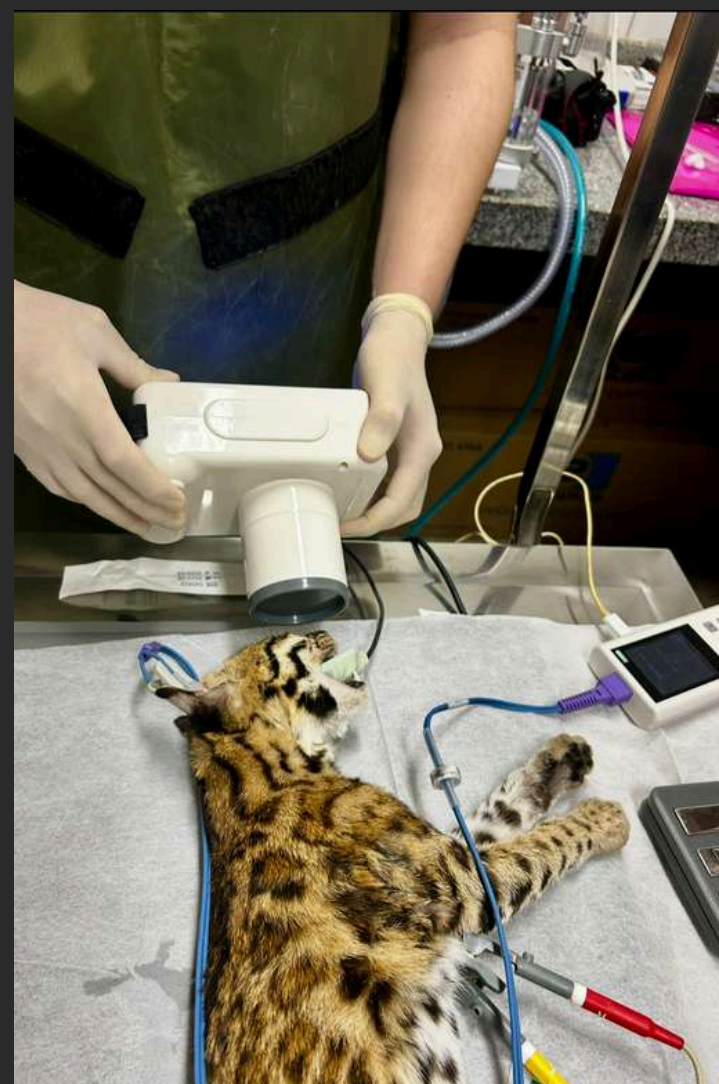


TCCI - Key Projects/sites



REHABILITATION- REINTRODUCTION PROGRAM - BRAZILIAN DRYLANDS

- Given the large number of animals, we decided to establish a main rehabilitation center in partnership with Brazilian government's Rehab Center, CETAS of São Luís/MA.
- The origin of these animals are from the Brazilian drylands, Cerrado and Caatinga.
- Current number: 14
- Species: savanna tiger-cat, jaguarundi, ocelot, margay.
- Supported actions will include disease screening, transportation costs to release areas, follow up monitoring of radio-tagged individuals, etc.
- High focus on the One Health concept





TCCI - Key Projects/sites



REINTRODUCTION-SC - BR

- Instituto Fauna Brasil is assessing the feasibility of reintroducing small cats based on conservation priorities and determining the source of individuals for translocation.
- Conservation actions programmed for the upcoming budget year includes vaccination campaigns. To be made in partnership with Instituto Fauna Brasil.
- Felid species: margay, Atlantic Forest tiger-cat.





TCCI - Key Projects/sites



CAMPANHA GAÚCHA - BR

- Campanha Gaúcha integrates three projects/sites working towards the conservation of carnivores in the Pampa grasslands.
- In this project area we have experimented turning small cats “profitable” to rural communities through ecotourism related issues.
- The critically endangered Pampa cat is the focal species.
- Conservation actions has been focusing strongly on landowners/community involvement Road-signs and environmental education are predicted to start now.
- Felid species: Pampa cat, Geoffroy’s cat, margay.





TCCI - Key Projects/sites



ITAPUÃ STATE PARK - BR

- Itapuã State Park The Taquari Valley is on the southernmost range of the Atlantic Forest tiger-cat. The area was one of the first where we learned about the species. It comprises a mosaic of forest patches, small scale agriculture and urban sprawl that is a snapshot of most of the range of the species.
- This area was only one of two on TCCI that, originally, did not have a dog problem, which changed in the last few years.
- Conservation actions of vaccinations and environmental education are predicted to start now.
- Felid species: Atlantic Forest tiger-cat, margay.



TCCI - Key Projects/sites



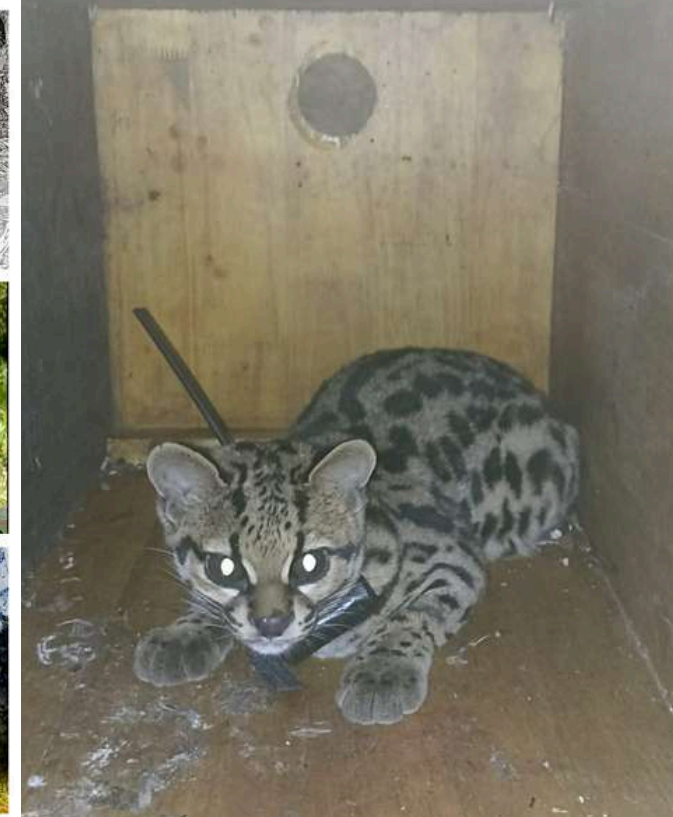
JAMACAI REFUGE - BR

- Refúgio Jamacai is an established private reserve (RPPN) owned by a TCCI member.
- The area is part of the semi-arid Caatinga of northeastern Brazil.
- A variety of water-holes have been implemented to boost wildlife, which seems to be proving just fine.
- Conservation actions to be implemented include vaccination and environmental education.
- Felid species: savanna tiger-cat and jaguarundi.





TCCI - Key Projects/sites

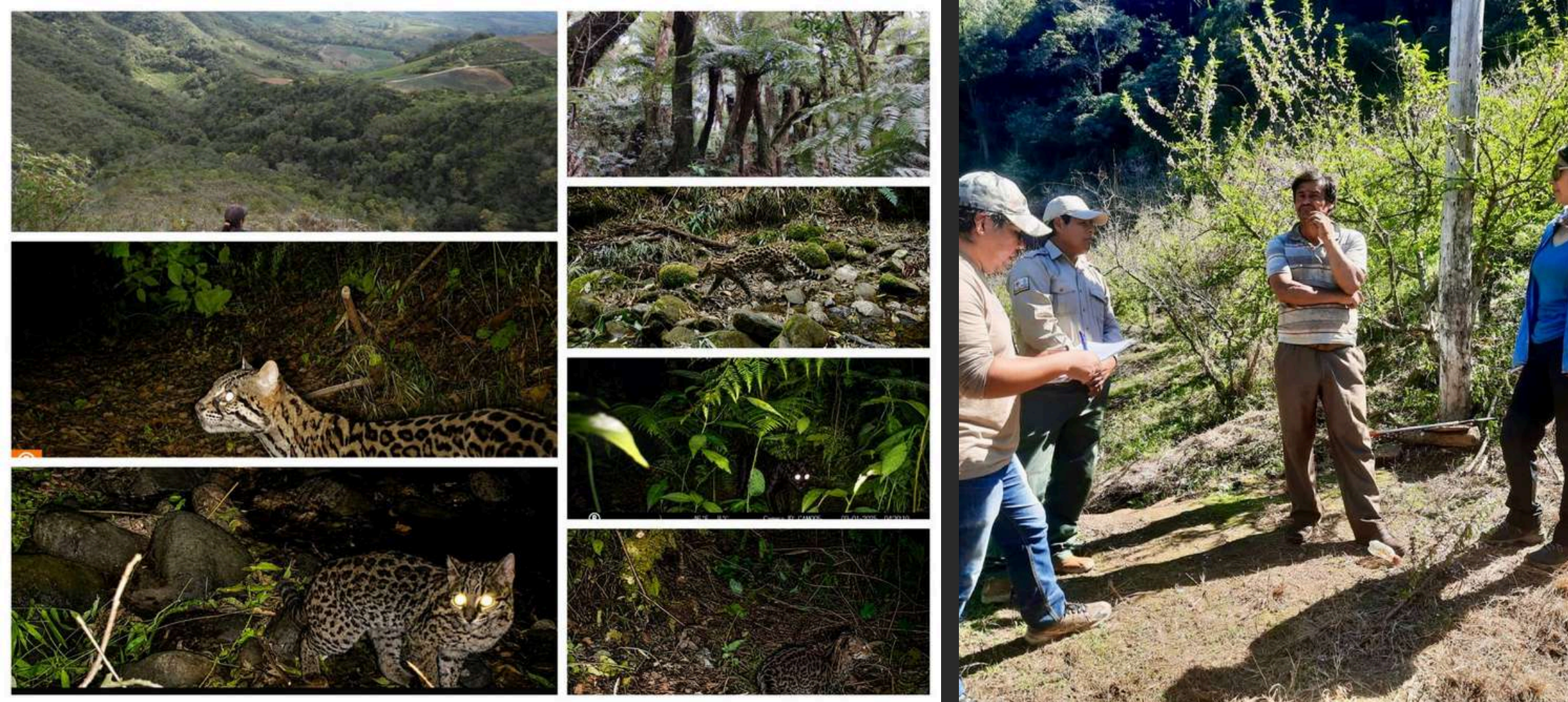


MISIONES - ARGENTINA

- Misiones area of Atlantic Forest in northeastern Argentina has recently joined TCCI (July/2025). The area has been under monitoring and research for a while.
- The area is part of the Green Corridor, the most important for the Argentinean Atlantic Forest domain.
- This area has very high felid diversity, with 6 species.
- Conservation actions programmed for the upcoming budget year include vaccination campaigns, building of kennel and environmental education.
- Felid species: Atlantic Forest tiger-cat, margay, ocelot, jaguarundi, puma, jaguar.



TCCI - Key Projects/sites



JUKUMARI, BOLIVIA

- The area of Jukumari comprises a rich mosaic of mountains, dry inter-Andean valleys and humid forests in Santa Cruz Department.
- 1,200 - 2,000 m
- Project aim is to minimize human-wildlife conflicts between felids and the local community.
- Talks and interviews with the community, construction of chicken coops.
- Felid species: margay, ocelot, clouded tiger-cat (Southern Yungas tiger-cat).





TCCI - Key Projects/sites



GURUPI MOSAIC- BR

- Located in the deforestation belt of Eastern Amazonia, the Gurupi area should soon be included in the vaccination campaigns. To date the area is being used mostly for monitoring.
- The Gurupi mosaic is composed of three Indigenous Reservations and Gurupi Biological Reserve. The area is the remaining stronghold for the Eastern Amazonia rainforest.
- Very high felid diversity, with 6 species.
- Conservation actions programmed for the upcoming budget year includes vaccination campaigns. To be made in partnership with Brazil's National Predator Center - CENAP/ICMBio.
- Felid species: ocelot, margay, jaguarundi, puma, jaguar + savanna tiger-cat.





TCCI - Key Projects/sites

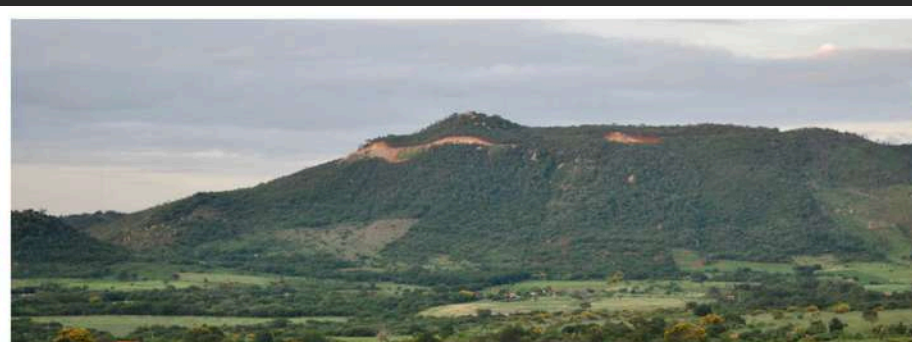


FURNA VELHA - BR

- Furna Velha or Furnas do Bom Jesus State Park is a relic of savanna formations in a landscape of agricultural fields in the state of São Paulo.
- This region is under several human related developments, among which windmills, whose impacts are being monitored.
- Conservation actions of vaccination and environmental education have been implemented, but were discontinued due to lack of funds .
- Our aim is reintegrating this area back into taking part of conservation actions, rather than only on monitoring.
- High incidence of dogs in the region.
- Felid species: ocelot, jaguarundi.



TCCI - Key Projects/sites



CAETITÉ - BR

- The area of Caetité comprises a rich mosaic of varying semi-arid Caatinga formations mixed with enclaves of savannas and deciduous forest.
- This region is under several human related developments, among which windmills, whose impacts are being monitored.
- Conservation actions of vaccination and environmental education have been implemented, but were discontinued due to lack of funds .
- Our aim is reintegrating this area into taking part of conservation actions, rather than only on monitoring
- High incidence of dogs and of leishmaniasis in the region.
- Felid species: savanna tiger-cat, ocelot, jaguarundi, margay, puma.





TCCI - Key Projects/sites



SÃO FRANCISCO DE PAULA - BR

- São Francisco de Paula National Forest holds the title of longest running project monitoring small cats, since 2001.
- The area is currently under a tricky situation, as it is currently in a litigation with indigenous people that invaded it, claiming the land.
- We are keeping cameras rolling there for as long as possible.
- Conservation actions of vaccinations and environmental education are predicted to start now.
- Felid species: Atlantic Forest tiger-cat, margay, ocelot, jaguarundi, puma.



TCCI - Key Projects/sites



BRASÍLIA É O BICHO - BR

- Brasília é o Bicho is a Project acting on multiple areas around the Federal District that has been on the run for quite a while.
- Key location in Central Brazil with very high felid (7 species) and carnivore diversity.
- So far, due to limited resources only some cameras are being kept rolling.
- Conservation actions of vaccinations and environmental education are intended for 2027.
- Felid species: savanna tiger-cat, Cerrado black-footed cat, ocelot, jaguarundi, margay, puma, jaguar.





TCCI - Key Projects/sites

TANDAYAPA STATION & MASHPI-TAYARA RESERVE - ECUADOR



Resident biologist at Reserva Mashpi-Tayara (Ecuador) talks to community members about human-wildlife conflicts.



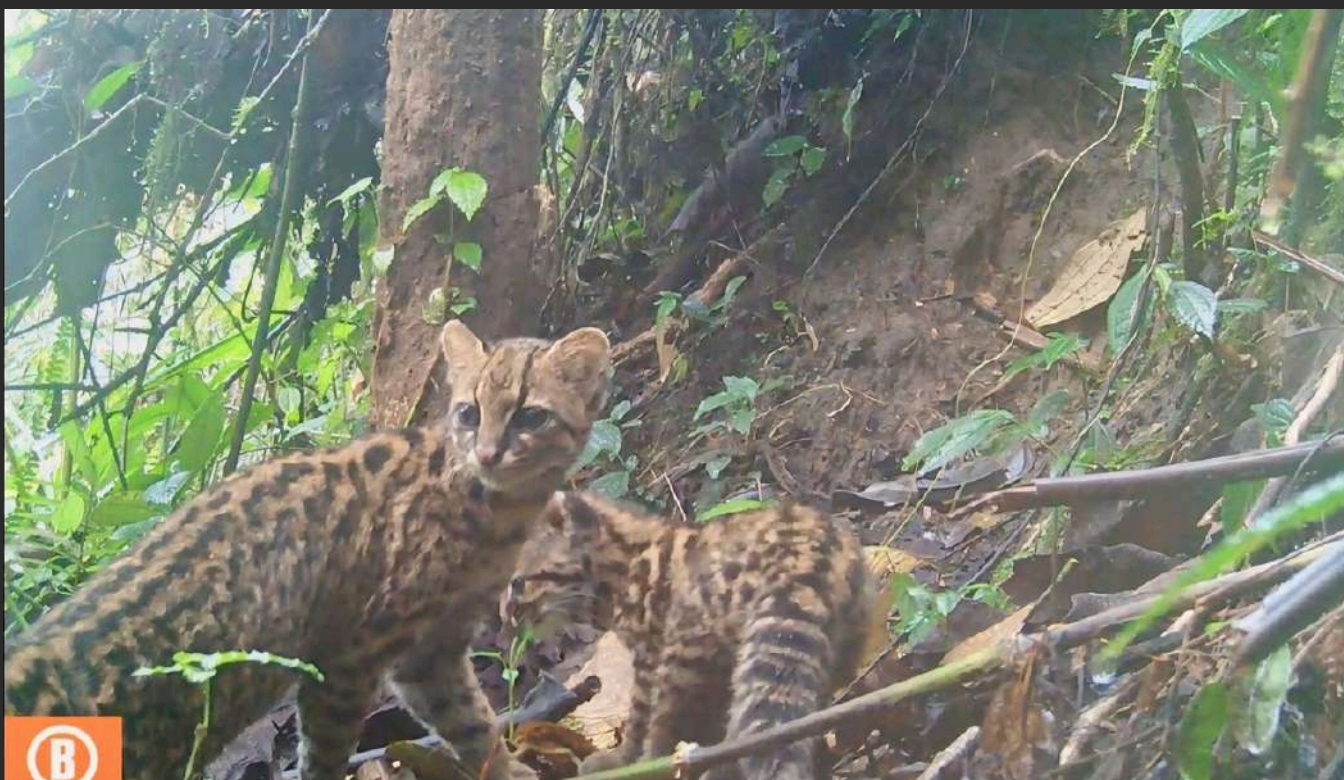
Biology undergraduate students train park guards at Reserva Mashpi-Tayara (Ecuador) how to use camera traps to monitor mammals.



THE ECUADORIAN CONNECTION

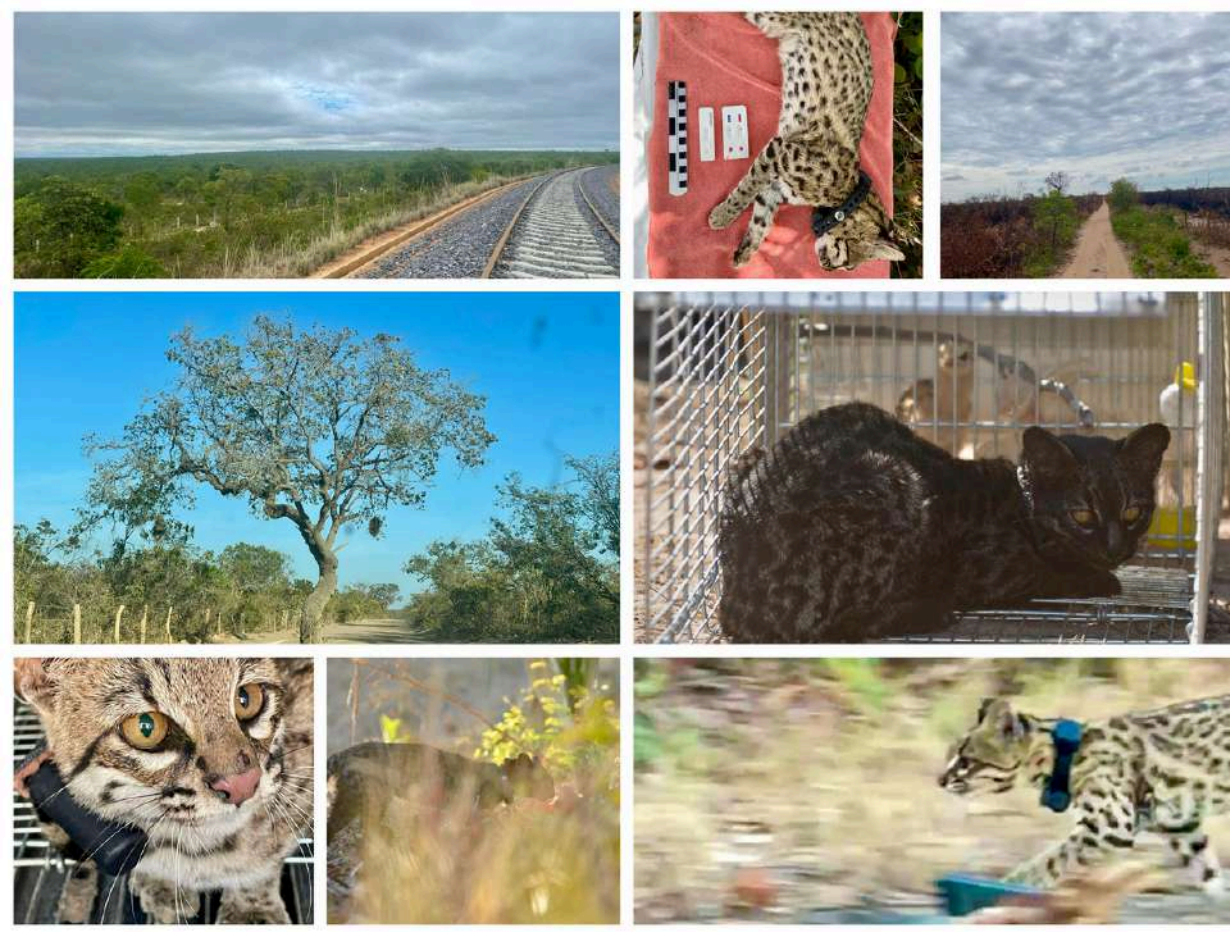
- TCCI has partnership with in 3 sites, Tandayapa Station, Mashpi, and La Hesperia.
- Tandayapa and Mashpi still have monitoring activities, but conservation actions are now on hold due to lack of personnel. The Mashpi area includes participation of native/indigenous communities.
- La Hesperia has similar situation The first two are on hold due to lack of personnel.
- We have high hopes to fully integrate these areas into conservation action taking

La Hesperia - Ecuador





TCCI - Key Projects/sites



Western Bahia Monitoring - BR



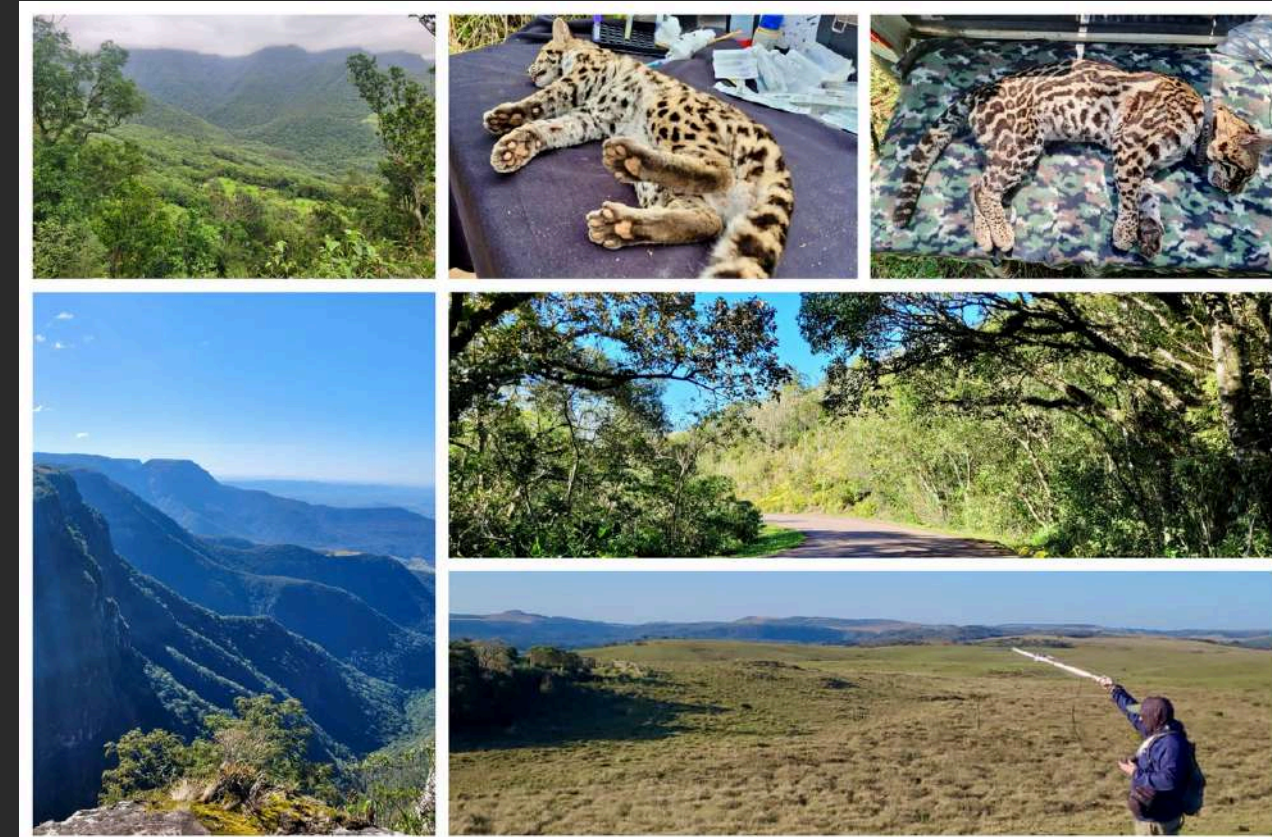
DISCONTINUED X 3 - BR

- Western Bahia Monitoring and SW Bahia monitoring areas, in important pristine savanna enclaves amidst a fast expanding soy frontier, provided key information on savanna tiger-cat ecology that we cherish enormously. Unfortunately, the company and professionals that were involved from TCCI no longer are part of it. Another company took over the assignment from the Brazilian Environmental Agency (IBAMA).
- Faxinal Monitoring had a similar outcome, only that the area was in the Atlantic forest Domain and the focal species was ocelot and margay.
- The intent of implementing conservation actions in close partnership with private companies did not prosper. High focus on the One Health concept.

SW Bahia Monitoring - BR



Faxinal Monitoring - RS/BR



TIGER-CATS: 3 → 6



Leopardus tilcayo
Southern Yungas tiger-cat



Leopardus antisuyo
Southern Yungas tiger-cat



Leopardus tigrinus
Guiana tiger-cat



Leopardus emiliae
Savanna tiger-cat



Leopardus guttulus
Atlantic Forest tiger-cat



Leopardus pardinoides
Clouded tiger-cat

TIGER-CATS: 3 → 6



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Southern Yungas tiger-cat



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THIS IS TCCI !!!

