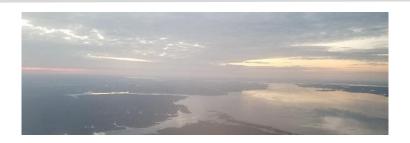
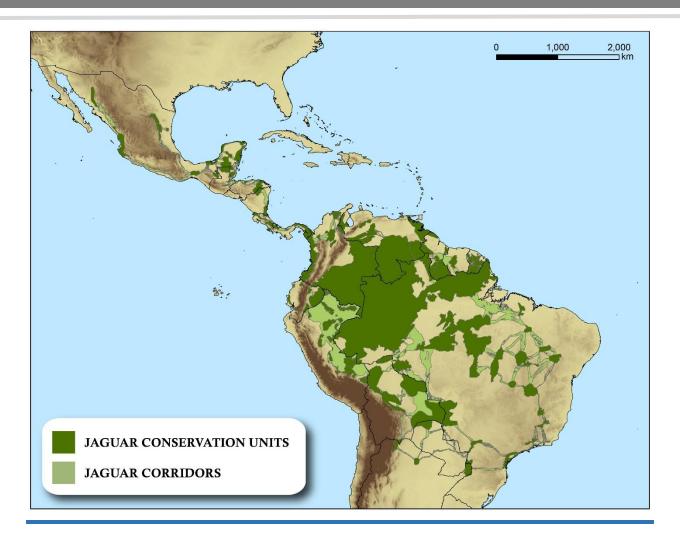


BRAZILIAN AMAZON
JAGUAR ALLIANCE
MEETING SUMMARY



MEETING PARTICIPANTS

Name	Institution
Wezddy del Toro Orozco	Mamirauá Sustainable Development Institute
Emiliano Esterci Ramalho	Mamirauá Sustainable Development Institute
Ronaldo G. Morato	National Center for Carnivorous Mammals Research
Eduardo Venticinque	Federal University of Rio Grande do Norte
Henrique Vieira Figueiró	Pontifical Catholic University of Rio Grande do Sul
Mário Haberfeld	Onçafari
Valeria Boron	World Wild Fund For Nature
John Polisar	Wildlife Conservation Society
Esteban Payan	Panthera
Marcelo Oliveira	World Wildlife Fund
Carlos César Durigan	Wildlife Conservation Society
Rodrigo Tawada	Researcher
William Ernest Magnusson	Amazon National Research Institute
Fabrícia Reges Ferreira	Federal University of Amazonas
Anelise Montanarin	Amazon National Research Institute /
	Mamirauá Sustainable Development Institute
Kena Principe	Amazon Emotions
Leonardo Principe	Amazon Emotions
Caroline Yoshida	Amazonas State Secretary for the Environment
Jefferson Moreira	Amazonas State Secretary for the Environment
André Antunes	Rede Fauna



The largest intact tropical forest in the world – the nine country Amazon Basin/Guianan Shield. Range-wide map of Jaguar Conservation Units (JCUs) and corridors connecting them.

The multinational central/western Amazon/Guiana Shield JCU is 2,263,718.08 km2 in size. That is two million, two hundred and sixty-three thousand, and seven hundred and eighteen square kilometers of transboundary JCU – of intact trophic chains and functional natural ecosystems with apex carnivore still present. This largest forest/carbon reservoir in jaguar range includes multiple major watersheds and cultures. Brazil sits in its center.

The immense scale of the Amazon may generate somewhat a sense of complacency. That is not warranted. The rampant fires of 2019 in the Amazon and Chiquitana forests testify to that.

Even before the fires of 2019, annual forest loss levels have been high. In Mesoamerica, the Selva Maya landscape, lost 25% of it forest cover between 2000 and 2015, and the Moskitia landscape, lost 30% of its forest cover (Wildlife Conservation Society 2018). That surprises few. However, overall forest loss is occurring at just as fast a rate (or faster) in parts of the Amazon, though obscured by scale. In the ten-year period between 2009-2018 the nine countries of the greater Amazon Basin lost 244,010km² of forest at the 75% canopy threshold, while the seven countries of Mesoamerica's greater Caribbean slope lost 36,181km²; an average of 2,711km²per year per country in the greater Amazon Basin and 516km² per year per country in the Caribbean slope Mesoamerica (data derived from Hansen et al. 2013 and Zarin et al. 2016, and accessed through World Resources Institute/Global Forest Watch 2019).

The Brazilian Amazon Jaguar Alliance was formed to protect jaguars in this Corazón del Corazón, the largest JCU on the planet.

GLOSSARY - ACRONYMS

ARPA: Program for the Amazon Protected Areas

ASCOM: Communication advisory

CENAP: National Center for Carnivorous Mammals Research

CEUC: State Center for Conservation Units

ESALQ-USP: Luiz de Queiroz Higher School of Agronomy - University of Sao Paulo

FOIRN: Federation of Rio Negro Indigenous Organizations

FUNAI: National Indian Foundation

ICMBio: Chico Mendes Institute for the Biodiversity Conservation

IDSM: Mamirauá Sustainable Development Institute

INPA: Amazon National Research Institute

INPA: National Institute of Amazonian Research

IOP: Onça Pintada Institute IPI: Piagaçu-Purus Institute

JCU: Jaguar Conservation Unit

PPBIO: Biodiversity Research Program

PUCRS: Pontifical Catholic University of Rio Grande do Sul

RAPELD: Rapid Ecological Surveys Associated and Long Term Ecological Research

RDS: Sustainable Development Reserve

SDS: State Secretariat for the Amazonas Sustainable Development and Environment

SEMA -AM: Amazonas State Secretary for the Environment

UC: Conservation Unit

UEMA: State University of Maranhão UFAM: Federal University of Amazonas UFAP: Federal University of Amapá UFLA: Federal University of Lavras

UFOPA: Federal University of Western Pará

UFPA: Federal University of Pará

UFRN: Federal University of Rio Grande do Norte

UFRR: Federal University of Roraima WCS: Wildlife Conservation Society

WWF: World Wildlife Fund

EXECUTIVE SUMMARY

Originally, the range of the jaquar (Panthera onca) extended from southern North America to Argentina. After centuries of expanding human occupation in the Americas and the consequent reduction and degradation of natural landscapes, jaguar populations have been drastically reduced in many regions and eliminated from more than 50% of its historic range. Data on the ecology and status of the remaining jaguar populations, in the Amazon, remains deficient. This presents some challenges in developing efficient conservation strategies. However, one thing is clear: the Amazon constitutes the largest Jaquar Conservation Unit in the species' range and, as such is a stronghold of enormous significance for jaguar long term survival. The Brazilian Amazon is the core of the largest Jaguar Conservation Unit (JCU) in the world, one that extends from westcentral Brazil into Bolivia, Peru, Ecuador, Colombia, Venezuela, Guyana, Suriname, and French Guiana. This massive forest block is not only important for the apex predator jaguar, it also harbors: 1) the largest river in the world; 2) the highest biological diversity in the world; 3) extensive areas important to traditional peoples as their home; 4) globally significant carbon cycling and storage capacities - important for global climate stability. In short, the Brazilian Amazon, and its intact forest, intact trophic chains, and rationally managed forests have national significance for Brazil, regional significance for the Americas, and as a reservoir for biodiversity, carbon, and water - importance for the planet. However, alterations to the landscape and increasing threats to the ecosystem have been threatening the survival of the jaguar and the ecosystems upon which it depends.

In 2014, the Jaguar Conservation Alliance ("the Jaguar Alliance") was created, as a multiinstitutional non-political and nonprofit- initiative with representations from several countries, including high impact global conservation organizations.

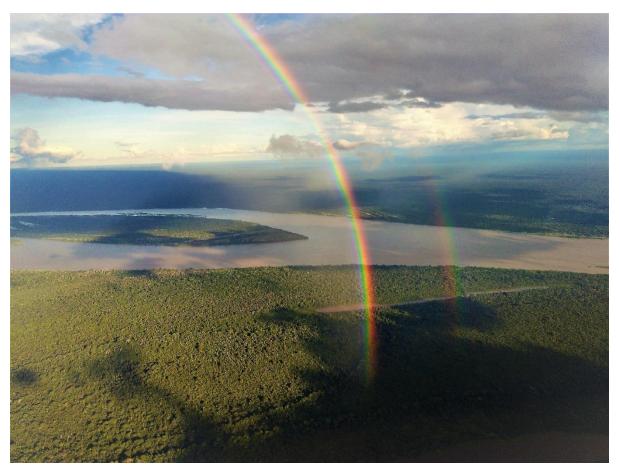
The objectives of the Jaguar Alliance are:

- Bring institutions and actors together in order to facilitate and amplify scientific studies of jaguar habitat, prey, and interactions between the jaguar and humans and coordinate science based conservation actions
- Improve human-jaguar coexistence by reducing the impacts of jaguars on domestic animals and ensuring the safety of humans. These efforts are aimed to:
 - o Increase people's tolerance for the presence of jaguars and to
 - Reduce the number of killed jaguars.
- Promote multi-institutional coordinated actions for the conservation of jaguars, and the ecosystems upon which they depend. Applying a variety of conservation tools developed by the participants through twenty-five years of jaguar, wildlife and forest conservation experience, across almost all the biomes where jaguars occur. Ensuring the long term, the stability and perpetuation of the largest jaguar conservation unit in the world, focusing on its core, the Brazilian Amazon.

The Jaguar Alliance has been created by institutions and individuals interested in the maintenance of the ecosystems upon which the jaguar depends, and finessing human-jaguar coexistence in this globally significant region. The Alliance has been created to unite institutions

and actors involved in jaguar research and conservation and launch an initiative that enables collaboration and facilitates science based conservation actions. After the first meeting in 2014, five years passed before the next strategic planning meeting in May 2019 near Manaus on a tributary of the Rio Negro. This document reports on that meeting.

This event was held on May 7th and 8th, 2019, in Amazon Ecopark Jungle lodge hotel on the Tarumã River, a tributary of the Rio Negro near the city of Manaus, Amazonas, in the core of the Brazilian Amazon, and was supported by WWF-BRAZIL.



RAINBOW OVER THE SOLIMOES – CARLOS DURIGAN WCS



JAGUARS GREETING - ANELISE MONTARIN - MAMIRAUA SUSTAINABLE DEVELOPMENT RESERVE

DAY 1 - 05/07/2019

EVENT OPENING

WELCOME, PARTICIPANTS PRESENTATION, AND OBJECTIVES OF THE MEETING.

The participants introduced themselves and briefly discussed their interests, motivations and expectations for the event.

PRESENTATION OF THE ALLIANCE ADVANCES IN ITS FRAMEWORK. REFLECTIONS AND COMMENTS.

Emiliano Ramalho gave a brief introduction and review of the objectives of the Jaguar Conservation Alliance:

1. The Alliance is a high level institutional, multinational, non-political non-profit initiative conceived and created by the set of institutions and individuals who volunteered to participate in this mobilization to ensure the jaguar's survival (*Panthera onca*) and improve the quality of life of people who live amongst these big cats. In other words, is a supraorganizational, supra-national group convened to assure the persistence of jaguars in the Amazon.

- 2. The actions of the Jaguar Alliance are based on the National Action Plan for Jaguar Conservation, published in the Government Gazette in 2013, a team-produced document that is the result of dialogues between researchers, government agencies and NGOs.
- 3. The emphasis and focus on the Amazon is due to the scant publications and formal knowledge about the jaguar status in this biome, and the importance of the area
- 4. The region is home to the largest jaguar population in the world and is a crucial habitat for long-term conservation of the species.

Subsequently, there was a presentation of the history of the Alliance, reviewing the actions proposed in the first event and the accomplishments and progress made from 2014 to 2019.

AGENDA REVIEW

Presentation of the meeting agenda and room for participant's suggestions on new themes and ideas.

DYNAMICS FOR IDENTIFYING SYNERGIES AND ACTIONS:

A division of themes was established that included the following:

- 1. Protection of habitats: including prey and protected areas
- 2. Mapping human-jaguar conflicts and resolution actions. Interventions to improve human-jaguar coexistence.
- 3. Illegal Wildlife Trade: traffic in jaguar parts
- 4. Research on jaguars; population estimates, habitat use and genetics flow
- 5. Landscape planning for the long-term continuity of the Amazon JCU
- 6. Jaguar valuation mechanisms, ways to provide economic incentive to preserve jaguar individuals and their habitat.

GROUPING ACTIONS AND DEFINING THEMATIC LINES

The actions of each institution were incorporated into thematic lines, which helped identify synergies and priorities:

- 1. Habitat protection (hunting, prey, protected areas) + Population estimates, habitat use and genetics.
- 2. Mapping and conflict resolution. Interventions
- 3. Landscape planning + jaguar valuation mechanisms.

The *World Café* dynamic was carried out, where the participants were subdivided into three smaller groups with rotating members to discuss the actions incorporated in the thematic lines.

World coffee: For each group a "host" was chosen, which remained fixed at the table while the other group participants switched tables between rounds. This host had the role of updating the new guests on the main insights of the previous round: upon arriving at the second table, the new table host briefly reported on the main issues addressed in the previous round promoting "cross pollination" across the groups (exchange of ideas between participants). At the end of the third

round, the results were shared in plenary, in which the group hosts presented the results of the discussions.

The information generated in this activity served to inform the Alliance's Action Plan presented at the ends of this document.



YOUNG CONSERVATIONIST AWARD. HIGH SCHOOL STUDENT'S FROM TEFE ACTING AS AMBASSADORS OF THE AMAZON, IN A HIGH SCHOOL OF SAO PAULO. EDSON GRANDISOLI_ESCOLA DA AMAZONIA

MAPPING OF INSTITUTIONS AND PEOPLE WORKING IN THE AMAZON.

The group created a map of the institutions and people doing research on the jaguar in the Amazon. This map confirmed that most of the institutions / people conducting research and conservation in this area were already included in the Alliance. However, and significantly, there are relevant institutions / people not represented in the Alliance meeting.

The mapping activity identified the following institutions (and actors that could be the point of contact of said institutions) that are not yet part of the Alliance, and with which it could be important to join to amplify efforts for Amazon jaguar conservation:

- Onça Pintada Institute (IOP). Contact: Leandro Silveira. Working in Acre, Roraima and Amapá.
- Federal University of Pará (UFPA) / HyDRO / University of Oxford. Contact: Leonardo Seine
- Federal University of Roraima (UFRR). Contact: Olio

- Federal University of Amapá (UFAP). Contact: Darren Norris and Fernanda Michalski. Working with camera traps (not specifically with jaguar).
- Contact: Juca. Performing research in Tapajós.
- State University of Maranhão (UEMA). Contact: Tadeu Oliveira (at the State Secretariat). Working with camera traps.
- Federal University of Western Pará (UFOPA) Contact: Rodrigo Fadini. Working with camera traps.
- Rio Negro Sustainable Development Reserve (RDS) Contact: Micah Santos de Souza. Working with camera traps.
- Adolpho Ducke Forest Reserve Contact: Wilson Spironello.
- Fauna Network Contact: Other actors besides André Antunes.



JAGUAR ECOTOURISM –MAMIRUA SUSTAINABLE DEVELOPMENT RESERVE. WEZDDY DEL TORO

DISCUSSION ON THE GROWTH OF THE ALLIANCE.

The plenary debated how to include more jaguar researches and conservation experts into the Alliance discussions, and a Google PPBIO group focused on the themes related to the jaguar conservation was proposed as a strategy to include more participants into the information exchanges and then expand the Alliance. It was also mentioned the importance of opening the

conversation to other groups, even though not necessarily inviting them to the Alliance at this moment.

It was also recognized that a broad cross-section of society must be engaged to effect jaguar conservation actions on the large scale, e.g. at the biome level, and that conservation actions could be implemented at several scales: local territories, municipalities, state and departmental managed protected areas and at the national scale. And that all of these could be integrated through communication and coordinated actions.

It was agreed to keep the focus of the Alliance actions in the Brazilian Amazon by the moment, as there are already many and large challenges within this vast region.

Among the arguments in favor of increasing the Alliance members (in the long run), the group agreed that it is important to consider:

- A national alliance to maximize the information exchange between different groups and leverage the knowledge for maximum impact of conservation actions.
- The development of a strategy on how the Alliance could increase the scale of its outreach scale to communicate about the threats the jaguar faces and tools to address those threats
- Setting some goals on a national level.
- Mexico's example on jaguar research and conservation, where they use a standardized protocol across all the country to estimate population size and evaluate the impact of conservation interventions.

End of day one.

DAY 2 - 05/08/2019

ACTION PLAN.

For the creation of the action plan, the group employed the World *café* method using the information from the day before on the activity of grouping actions in categories and defining thematic lines. This information was useful to fill the Alliance Action Plan table, presented at the end of the document.

ALLIANCE'S GOVERNANCE AND STRATEGIES FOR SUSTAINABILITY AND VISIBILITY.

Groups of six to seven were formed to discuss Alliance's strategies to increase visibility. Subsequently, the plenary presented the result of the groups discussions and the following were agreed:

Frequency of meetings:

In-person: one meeting per year.

Virtual: one virtual meeting of 1hour 30 minutes' duration every three months, with and agenda set by WWF / Marcelo. Schedule until December with the dates of the meetings.

Every 6 months: minimum attendance participation required from the participants.

Every 3 months: attendance required from the participants responsible for priority actions for progress updates.

Next face-to-face meetings:

- Jaguar congress in Foz do Iguacu, Brazil 23-August 2019.
- At Adolpho Ducke Forest Reserve.

Functionality:

Alliance's core group: WWF (Marcelo), WCS (Durigan), IDSM (Emiliano and Wezddy), CENAP (Ronaldo) with expanding possibilities to include someone from Panthera (e.g. Esteban Payan) and SEMA who were not at the beginning.

Rules of dissemination of Alliance actions and accomplishments:

Social media channel: create a fan page for the initiative common to all member's institutions.

All communications made in the name of the alliance by each participating institution must have the consent of the other participant institutions.

Use a standard thanks/acknowledgement note in scientific articles. Impeccable standards of shared credit to ensure collaborative efforts.

Identify yourself as an Alliance member on Brazilian Lattes Curriculum Vitae (http://lattes.cnpq.br/) platform and others.

Expectations for the Alliance:

Have a united voice recognized by all stakeholders. Work as a consensus based unified group.

Gain scale and maximize impact with multi-institutional projects and initiatives.

Amplify fundraising for jaguar conservation actions through the collaborative work between the Alliance participants.

Serve as forum for discussion and collaborations.

Amplify academic achievements through a higher quality research as the result of exchanged experiences, shared skills and expertise

Promote a positive change (e.g. "TOGETHER IS POSSIBLE" -WWF).

Promote the goals of the 2030 Jaguar Conservation Road Map and work towards their realization in this region

Time for the alliance:

Consensus is that everyone will commit at least one day per month dedicated to the Alliance matters.

Actions:

Develop a statement of the Alliance's objectives, mission and commitments.

Update the contact list - create new Google and WhatsApp groups (Wezddy).

Schedule fundraising initiatives. Take advantage from the Alliance expertise to raise funds in joint proposals.

ACTIONS MONITORING.

The plenary agreed to create the following monitoring tools for the Alliance actions:

- a) Create a newsletter. It is needed to appoint an editor and a deputy editor. The first newsletter will be published in August or September 2019 (after the first quarterly meeting to be scheduled in doodle). Responsible: Marcelo Oliveira. Support: Carlos Durigan
- b) Create a standardized form (Google Docs) for everyone to inform on the progress of actions. A folder will be created in Google drive. Responsible: Wezddy Del Toro. Support: Eduardo Venticinque.

Referrals:

Henrique and Leonardo Principe will be posting on Facebook and Instagram (posting photos, videos and information periodically). Start routinely using the hashtag #aliancaoncapintada in publications.

Consult with ASCOM IDSM and Denise (WWF) on developing an Alliance communication strategy. Oncafari communication team can contribute to strategy development (synergy with IDSM and WWF).



ABOVE- FEMALE WITH CUB – PIAGACU PURUS SUSTAINABLE DEVELOPMENT RESERVE EDUARDO MATHIAS VON MUHLEN



JAGUAR RELAXING MAMIRAUA SUSTAINABLE DEVELOPMENT RESERVE, CARLOS DURIGAN

NEXT STEPS, CHALLENGES AND EVALUATION.

In a dynamic exercise, each participant received tags to be filled with the following steps along with the challenges and evaluation of the meeting. The tags filled were placed on the wall, and included the following

Next steps:

- Accomplish the actions planned
- Implement as planned
- Finalize action plan
- Meet goals
- Consolidation of actions to implement
- Alignment of meetings to track progress towards goals
- Accomplishment of actions
- All commitments fulfilled
- Portfolio of projects that are scalable and modular in nature.
- Perform and monitor priority actions
- Activism and engagement
- Implement actions
- Reporting

Challenges:

- Maintain fluid communication and real commitment
- Collaborations
- Keep up the pace established by the meeting
- Establishing and maintaining focus on the Alliance
- Dedicating human resources and time.
- Having concrete conservation impacts
- Elevating the profile of the Alliance on national and international scales through social media and meaningful impactful actions and accomplishments.
- Obtaining and maintaining resources
- Unify members in integrated projects with multiple focuses
- Ensure continuity of the Alliance
- · Coordinate actions to obtain funding
- Maintain the Amazon forest and all its inhabitants through and for future generations.
- Commitment
- Collaboration and communication
- Joint fundraising
- Work as a team
- Conserving the jaguar and with it the forest

Meeting Evaluation:

- Considerable strategic advance
- Positive
- Productive and enriching experience
- Important to have face-to-face meetings (it's much more productive)
- Good advances
- Very productive. It was possible to better understand what each organization does, and identify the synergies
- Opened new horizons
- Challenges have been articulated
- · Strengthening the working alliance
- Productive and surprising
- Great meeting
- Learned a lot of things
- Important step for Amazon jaguars
- Five stars

After these summaries, the meeting concluded.

GROUP PHOTO ON A TRIBUTARY OF THE RIO NEGRO, BRAZILIAN AMAZON



AMAZON FOREST - CARLOS DURIGAN



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ANNEX I

	GROUP 1: Habitat protection (hunting, prey, protected areas) + Population estimates, habitat use and genetics.										
Problem	Opportunity	Goal	Priority	Strategic Actions	Responsable	Collaborators	Due date	Observations			
	Amazonas State Conservation Units have "ARPA" resources for monitoring but have difficulty in implementation. Alliance support for SEMA-AM and SEMAs from other states can generate important information on occurrence, density and distribution of jaguar and other species in the Amazon biome.	By June 2020, a work plan in partnership with SEMA-AM will be built to implement the advanced trapping sampling protocol (MONITORA program) in at least 50% of state PAs benefited by the ARPA program.	1	Hold a meeting with SEMA-AM for information on: resources available through ARPA for monitoring (by rubric) in state UCs; staff available for implementation support; training needs; feasibility of implementing other trapped monitoring protocols if necessary.	Jefferson Moreira	Emiliano Ramalho, William Magnusson e Marcelo Oliveira	May- November 2019	SEMA-AM needs technical support in deciding to purchase good quality camera traps, has difficulty buying equipment abroad (eg SEMA-AM has resources for camera trap purchase but purchase takes at least a year), It has few staff for the implementation and maintenance of monitoring actions (if there are resources to fund field activities, students from INPA, UFAM, UFRN can support and use the information in their undergraduate, masters, doctorate). Data collected with camera traps will be sent to ICMBio / CENAP. Possibility of community involvement.			
Information on the population density and	Some of the Alliance members are involved in the elaboration of a photographic trap records data paper led by Ana Carolina Antunes. This data may be valuable for a better understanding of the use of Amazonian habitats by the jaguar and its prey. Until December 2020, jaguar conservation strategies are refined from the knowledge generated by cooperative knowledge generation processes with large-scale databases.	2020, jaguar		Compilation of camera trap records in the Amazon	Caroline Yoshida	Ana Carolina Antunes, Emiliano Ramalho, Anelise Montanarin, Fernando Pinho, Fernando Lima,	Sept/2019	In progress.			
distribution of the jaguar and its prey				List of key questions that can be answered and the focal persons of this and other publications	Emiliano Ramalho		Sept/2019				
scarcity in the Amazon. re		2	Data paper publication	Caroline Yoshida	Guilherme Alvarenga, Diogo Grabin, Daniel Rocha, Ronaldo Morato, William Magnusson, Robert Wallace, Mauro Galetti, Marcelo Oliveira e Milton Ribeiro.	Dec/2019	Data availability is required for publication.				
		databases.		Workshop to create a collaborative camera trap network and data analysis framework	Marcelo Oliveira	Emiliano, Ronaldo	June-2020				
	Dr. Eduardo Eizirik's team can enable training for collection and analysis of jaguar samples	Until September 2019, an opportunistic collection framework for	3	Develop and disseminate video tutorial with procedures for collecting biological samples between key institutions and actors.	Henrique Figueiró	Eizirik, Ronaldo	Sept/2019				

		jaguar biological samples in the Amazon is created.		Contact with institutions to coordinate the collection and sending of biological sample collection kits for genetic analysis.			August/2019		
Need for greater dissemination of the Alliance and conservation of the jaguar in	Alliance Group has a strong technical staff for the publication of a high impact opinion article.	Until December 2019, an opinion article published on a high impact platform generates positive reaction in the conservation of the species and its habitats.	1	Writing and publication of the article.	Emiliano Ramalho	Eduardo Venticinque, André Antunes, Marcelo, William Magnusson, Ronaldo.	Dec/2019	platform: www.policyforum.net, or a Letter in Science, addressing expected impacts on the jaguar in the country's political and economic landscape.	
threats to the Amazon. some financial resour to execute actions fro the Alliance's action	WWF has great disclosure expertise and some financial resources to execute actions from the Alliance's action plan.	92/5000 Until September 2019, product / video of the opinion article is published.	1	Production and publication of the video.	Marcelo Oliveira	Alliance	Dec/2019	following climate observatory video model	
	GROUP 2: Mapping and conflict resolution. Interventions + Illegal Trafficking								
Problem	Opportunity	Goal	Priority	Strategic Actions	Responsable	Collaborators	Due date	Observations	
				Review of the techniques implemented in Central and South America and evaluation of their applicability in the Amazon.	Wezddy Del Toro	Valeria Boron, Silvio Marchini, Ronaldo Morato, Esteban Payán, John Polisar	Dec/2019	One can use the expertise of Central America (John / WCS) which has small creations that are more similar to those of the Amazon. Know the models that Panthera is using in the Amazon (Esteban / Panthera).	
Human-jaguar conflict is a		By December 2020, conflict reduction			Geospatialize projects working with conflict resolution.	Wezddy Del Toro	Valeria Boron, Silvio Marchini, Ronaldo Morato, Esteban Payán, John Polisar	Dec / 2019	
growing and is a recurring	Several projects / research being carried out on the theme	mechanisms are tested in at least	1	Promote fundraising process for implementation of techniques	Marcelo Oliveira	Valeria Boron, Ronaldo Morato	Dec / 2019		
problem in the Amazon		three key areas of the Amazon.		Definition of up to three techniques to be implemented; definition of sample design	Wezddy Del Toro	Valeria Boron, Marcelo Oliveira, Carlos Durigan, Jefferson Moreira, Esteban Payán, John Polisar	Jan / 2020	Communication between teams with technical skills to implement.	
				Implementation of techniques in three areas.	Wezddy Del Toro/Marcelo Oliveira	Valeria Boron, Carlos Durigan, Jefferson Moreira, Esteban Payán, John Polisar	Feb-Dec / 2020		

				Evaluation, publication of results	Wezddy Del Toro	Valeria Boron, Marcelo Oliveira, Carlos Durigan, Jefferson Moreira, Esteban Payán, John Polisar	Jul / 2021	
				Articulation for inclusion of a session on conflicts at the Foz do Iguaçu symposium in 2020	Ronaldo Morato		Sep / 2019	learning and exchange of experiences
				HWC session planning and execution	Wezddy Del Toro/Silvio Marchini	Valeria Boron	Oct / 2019- Aug / 2020	
				Submitted updated list of active alliance members. Update alliance group on Google.	Wezddy Del Toro		ul / 2019	
Knowledge generated is dispersed in several regions of the Amazons	Knowledge Sharing	Until July 2019, scattered knowledge about ecology and conservation is shared among Alliance members.	2	Create a PPBIO group for people interested in jaguar-related issues (the idea is to have a forum that is broader, freer to include people who are not necessarily part of the alliance).	William Magnusson		Jun / 2019	Facilitate the exchange of knowledge between alliance members and others interested in the human dimensions of the jaguar conflict. Make material available (eg conflict book PDF, intervention publications, etc.)
				Alliance members will submit relevant information for sharing / dissemination.	Membros aliança		routine	
		By June 2020, develop, conduct and evaluate the		Verify what needs to be done to have traditional knowledge access license and data publishing.	Jefferson Moreira		Jul / 2019	
IDSM, WWF, SEMA, ESALQ/USP		effectiveness of environmental education activities,	3	Create assessment tool	Wezddy Del Toro/Silvio Marchini		Jun / 2020	
ESALQ/USP		focused on changing people's		Field planning, implementation, evaluation.	Wezddy Del Toro	SEMA	Jun / 2020	
		perception of jaguars.		Data analysis and publication of results	Wezddy Del Toro/Silvio Marchini	Jefferson Moreira	Jun / 2020	
IDSM, SEMA,	Possibility of support from UFAM students to apply jaguar perception questionnaires, taking	By June 2020, there is a better understanding of	3	Verify what needs to be done to have traditional knowledge access license and data publishing.	Jefferson Moreira		Jul / 2019	
UFAM	advantage of the logistics of the trips that SEMA makes to the communities.	the human dimensions of the jaguar conflict.	-	Identify person who could participate by applying the questionnaires.	Fabrícia Ferreira/Rogério Fonseca		Jun / 2019	Know the perception about the jaguar by residents of Amazonian communities.

			Obtain the necessary licenses.	Jefferson Moreira	Wezddy Del Toro, Fabrícia Ferreira/Rogério Fonseca	Dec / 2019	
			Field planning, implementation.	Jefferson Moreira	Fabrícia Ferreira/Rogério Fonseca, Wezddy Del Toro	Jan / 2020	"Study in progress" "Human dimensions of jaguar conservation." " Initiating a deeper study on human dimensions in the Central Amazon and Lower Rio Negro region, the researcher Wezddy Del Toro, from the Mamirauá Institute, in 2014 started collaboration with researcher Silvio Marchini to know the perception and acceptance of the residents of various UCs in relation to the jaguar. In 2016 the researcher Daniel Rocha collaborated with the research of human dimensions including it in the work he was developing in the PN Campos Amazon. RESEX Auati-Parana - (IDSM) Wezddy Del Toro - (2015) RDS Mamirauá - (IDSM / WCS) Wezddy Del Toro - (2016) - Jaú PN - (IDSM / WCS) Wezddy Del Toro - (2016) - PE Rio Negro North Sector - (IDSM / WCS) Wezddy Del Toro - (2016) - RDS Tupé - (IDSM / WCS) Wezddy Del Toro - (2016) - Unini River RESEX - (IDSM / WCS) Wezddy Del Toro - (2016) - PN Amazonian Fields - (IDSM) - Daniel Rocha - (2017) "
			Training of technical staff responsible for the application of the questionnaires	Wezddy Del Toro	Fabrícia Ferreira/Rogério Fonseca	Feb / 2020	Training (by Wezddy Del Toro)
	Production of audiovisual		Propose for SEMA production of material with technical support.	Carlos Durigan	Wezddy Del Toro/SEMA (Jefferson)	Jun / 2020	
	material for jaguar protection campaign in the	3	Material production (content)	Carlos Durigan/Wezddy Del Toro		Jun / 2020	
	Amazon		Production, printing, dvd's, etc.	SEMA/WCS/IDSM		Jun / 2020	
			Serving	WCS		Undefined	

Synergy between Traffic projects executed in the Amazonian countries		By June 2020, a collaborative cross- border network to combat jaguar	1	Promote communication between institutions with anti- trafficking projects. Identify the magnitude of the problem and key actors involved	Esteban Payán, Marcelo Oliveira, John Polisar Ronaldo Morato		routine	Networking between institutions implementing anti-trafficking projects to maximize impact	
	projects executed in the	Identify federal and civil police laboratories participating in the fight against trafficking and		in combating trafficking Lessons learned from what Panthera is doing in Colombia and other countries, and what WCS is doing across Mesoamerica and the Andes, Amazon and Orinoco regions	Esteban Payán and John Polisar		Dec / 2020		
		provide training to those working in these laboratories (develop the method). Conduct	3	Produce genetics data set from Brazil	Eduardo Eizirick/Henrique Figueiró		Dec / 2020		
		method). Conduct workshops / create a collaboration network.		Create protocol considering genetic collection to identify seized material.	Eduardo Eizirick/Henrique Figueiró		Undefined		
			GF	ROUP 3: Landscape Planning + Jaguar	Valuation Mechanis	ms			
Problem	Opportunity	Goal	Priority	Strategic Actions	Responsable	Collaborators	Due date	Observations	
	†			Preparation of project proposal	Ronaldo Morato	Emiliano Ramalho	Jul / 2019		
Advance of		Until December 2019, a pilot program to support		Map actors who work with sustainable livestock in the Amazon.	Valeria Boron	Marcelo Oliveira	Jul / 2019		
agriculture in the Amazon is one of the main threats to the conservation Mitigation actions of this threat have potential of high impact on the conservation of the species.	agricultural activities compatible with the conservation of	1 e	1	Conduct evaluation, planning and refinement workshop on alliance proposal to adapt / bring Jaguar Friendly agriculture and livestock to the Amazon	Marcelo Oliveira	Marcelo Oliveira	until Feb / 2020	(Roncador Group and Jaguar Institute)	
of the species.		jaguars is proposed for at least one area of the Amazon		Identify priority areas in the deforestation arc for program implementation.	Marcelo Oliveira	Valeria Boron, Ronaldo Morato, Mário Haberfeld	Dec / 2019		
Species distribution	Articulation of alliance	By 2020, a map of the potential		Create jaguar presence data bank	Rogério Fonseca	Ronaldo Morato, Esteban Payán, John Polisar, Valeria Boron, Emiliano Ramalho	Dec / 2019	(take into account Amazon trappings data paper)	
and population estimation requires refinement	members has the potential to expedite this demand	s has the priority areas for o expedite jaguar conservation	jaguar conservation is prepared and incorporated into	1	Analysis and preliminary production of environmental suitability map and priority areas for conservation. Includes climate change modeling.	Rogério Fonseca/Ronaldo Morato, Valeria Boron	Eduardo Venticinque, William Magnusson, Marcelo Oliveira, Rogério Fonseca, Emiliano Ramalho, Wezddy Del Toro	Jun / 2020	

				Identify 20 landscapes of the Amazon and suggest their inclusion in the 2030 Roadmap.	Rogério Fonseca/Ronaldo Morato, Valeria Boron	Esteban Payán, John Polisar, Eduardo Venticinque, William Magnusson, Marcelo Oliveira, Rogério Fonseca, Emiliano Ramalho	Jun / 2020	
				Expert evaluation and final product delivery. Possible publication in scientific journals.	Rogério Fonseca/Ronaldo Morato, Valeria Boron	Esteban Payán, John Polisar, Eduardo Venticinque, William Magnusson, Marcelo Oliveira, Rogério Fonseca, Emiliano Ramalho	Nov / 2020	
				Overlay predictive map of jaguar distribution in the Brazilian Amazon with important biodiversity areas in Brazil and with Wlodek 2018 density data.	Rede fauna	Marcelo Oliveira, Eduardo Venticinque	Dec / 2020	
				Incorporate into ICMBio impact reduction plans (Roads, Mining, Hydroelectric (2020), Agriculture)	Ronaldo Morato		Dec / 2020	
				Deliver maps to state governments and state and federal licensing legislation.	Ronaldo Morato, Marcelo Oliveira	Jefferson Moreira	Dec / 2020	
Tourism as a	Learning from Pantanal	Execution of a joint communication campaign for the international jaguar day.	2	Coordinate a joint campaign - "video content from Mamirauá branded as jaguar alliance (beyond Amazon)"	IDSM	WCS, IDSM, Panthera	Dic-20	
jaguar buil conservation road	experiences can support building potential roadmaps and new	By 2020, exchange of experiences on jaguar-oriented		Map institutions that tour the Amazon with jaguar	TBD	Apoio: Onçafari	Undefined	e.g. Jaguar Research Expedition (IDSM)
does not occur in the Amazon	sustainable businesses for the Amazon	tourism, including marketing, and good practices of community-based tourism is held.	3	Hold exchange meeting	TBD	Apoio: Onçafari	Undefined	Pantanal Experiences. Engage government tourism agencies. Publication good tourism practice (adapt maya forest WCS).