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Protecting mammals in the Amazon forest





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When tapirs, panthers, and tufted capuchins roam the Amazon forest, they are often under danger from deforestation, threatening their natural habitats in the earth's largest tropical forest.

At Precious Woods, our primary goal is to protect these ecosystems and to combine this with social and economic benefits today and for future generations. However, the links between fauna, flora, and humans are complex, and their management depends on experience and training, but also a deep scientific understanding. This is why the Amazonas State University UEA and Precious Woods Amazon – MIL Madeiras Preciosas set up a research project to study the effects of reduced impact logging on the presence of medium-sized and large mammals. In the pre-study alone, seventeen different mammal species were identified, ranging from primates over a wide

range of wild cats, including pumas and panthers, to even-toed ungulates and various rodents. We expect many more species to be added to the list of animals finding a safe haven inside our forest, sustainably managed under strict PEFC and FSC certification.

Between May 2021 and September 2022, the researchers will strive the forest to collect data and deploy camera traps delivering gapless results over the entire research period. Besides identifying species and their number, we also want to know, how our management practices might impact the lives of these mammals to confirm Sustainable Forest Management as a solution for the conservation of the Amazon forest. Therefore, cameras are installed in one unlogged area and five forest areas logged between 1997 and 2020 to better understand the effect of reduced impact logging over time.





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Research cannot stop at the borders of our forests. It is crucial that the results do not only confirm our approach but can also help others. Therefore, our partners will also determine which species can be used as an indicator for Sustainable Forest Management and, thus, make the results replicable to other forest areas in the Amazon.

Strong partnerships are of immense importance for such projects. Only renowned research institutes can guarantee the necessary expertise, whereas Precious Woods can provide access to suitable research spots and the entire logistics.

The results will highlight the importance of biodiversity protection as an Ecosystem Service provided by Precious Woods. Moreover, they will underline the advantages of Sustainable Forest Management as an effective means to preserve the fauna while offering a livelihood for local communities and a sustainable and green investment.

This is what makes us more than a forestry company





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Precious Woods Holding Ltd | Untermüll 6 | CH-6300 Zug | preciouswoods.com