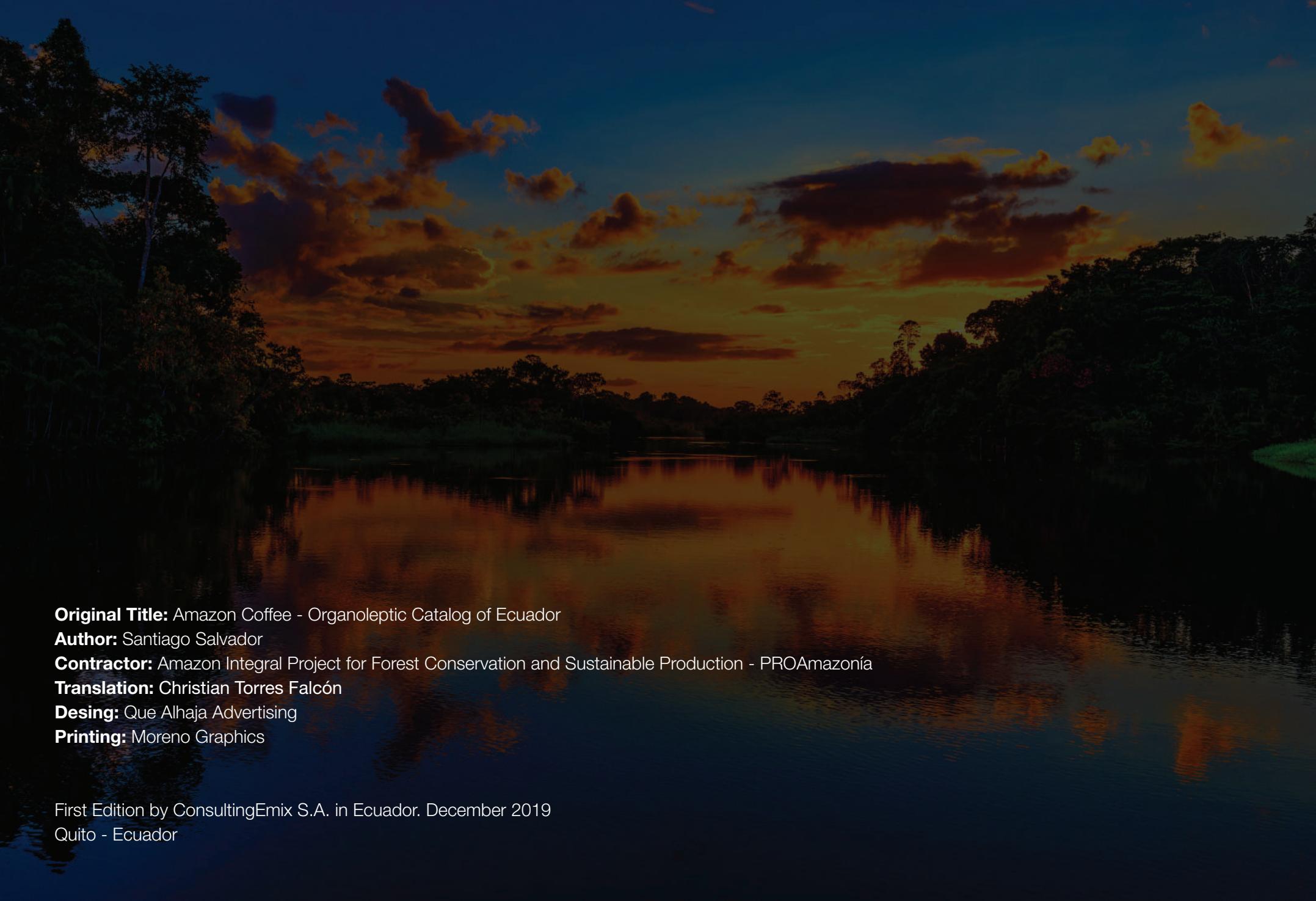




Amazon  
**COFFEE**  
Organoleptic Catalog Ecuador



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# Legend of the Amazon Coffee



Ecuadorian Amazon is a mystical place in the middle of the world, which hosts a diversity of exotic animals, leafy trees and ancient indigenous people crossed by countless and mighty rivers. A mysterious place, resource of life, energy, and healing because of its wide variety of medicinal plants.

This region of fertile lands houses a magical plant, which settlers know it as the golden bean "Coffee" grown more than three thousand years for the Mayo - Chinchipe Culture in the southeast part of the Ecuadorian Amazon. These stories Amazonians have been transmitted over the years in a legend: "**The Fruit of the Amazonian Gods**".

## ***“The Fruit of the Amazonian Gods”***

The communities of the Ecuadorian Amazon described the existence of sacred guardians, nymphs, and fairies, they liked to play in the virgin jungle with songs that hypnotized the animals and that caused plantations to grow with large and good quality fruits.

One afternoon, the community Shaman observed that the rain had stopped, the black clouds had cleared, a small drizzle rushed in the distance over a coffee plantation and in the high peaks shone a beautiful rainbow that illuminated the Magic coffee bean.

Intrigued, the Shaman walked through the wet fields, with the purpose to get to the coffee plant and learn more about its benefits, when he arrived, he heard a voice of a tall and stocky man, the Sacred Guardian who said: *“Come, here you will find what you were looking for, that curiosity or ambition does not win you, I will provide the cure for the pain of your people”*.

The Shaman shouted: *“Only the sacred Gods and the spirits from the jungle can heal my people”*.

The sacred guardian took the fruits of the magical plant and handed it to the Shaman saying: *“Strange forces conspire and cause shock inside the bodies. I advise you to perform the ritual and with the fruits of Coffee make an infusion to heal the body and soul”*.

Remember, every time you see the rainbow touch a coffee plant you will know that its fruit is blessed by the Amazonian gods and the sacred coffee guardians will appear to turn evil spirits into angels Since then, the Shaman, every time a rainbow shines on the Ecuadorian Amazon, goes with that tall and stocky man, the Sacred Guardian, to obtain wisdom and bring coffee to protect his community.

# What Makes Amazon Coffee Different



Middle of the World

## Coffee from a Middle of the World

The fantastic and blessed flora and fauna, covered in a huge green mantle of lush vegetation and great biodiversity, make the amazon the perfect place for coffee growing. Ecuadorian Amazon is considered a life-generating place by its innumerable physical phenomena which color the landscape with a variety of animals and plants, this is the way that the coffee bean is born, full of magic, mystery and exquisite smell.



Barizo Monkey

## Coffee of a Mysterious Fauna Diversity

Coffee from Ecuadorian Amazon is produced in the middle of a great diversity of species that inhabit the region, more than 587 species of birds have been registered so far (7% of the total of the world); 400 reptile species - amphibians; 165 species of mammals, predators, dolphins, bats and fish; and, more than 100,000 types of insects. The most representative of the fauna is composed of Chichico de Manto Rojo, Guanta, Monkey Barizo, Turtle Motelo, Scarlet Macaw, the Pink Dolphin of the Amazon, the Amazonian Manatee and also tapirs, leopards, jaguars, otters, and endemic piranhas.



Yasuní Reserve

## Coffee of a Multi Ecosystem Region

Different degrees of humidity, quality of soil, winds, rain forests and rains led to the formation of a great variety of flora and ecosystem fauna, which makes the Amazon a unique region on the planet. Ecuadorian Amazon records 25 forest ecosystems between acquaintances and freshly researched. This region represents 30% of the national territory and oscillates in an altitudinal range between 180 to 2900 masl upon reaching the summits of the mountain ranges.



Anthurium Flower

## Coffee of a Magic and Diverse Floral Eden

Cultivation of coffee as part of Ecuadorian Amazon ecosystems, takes refuge in a magical, colorful and thick vegetation, about 6,287 species of plants existence is estimated. Its sustainable ecosystems make up a lush garden composed of an infinite variety of mosses, vines, bromeliads, ferns, orchids, palms, lilies, trees and large-leaved plants that absorb much of sunlight within the cycle Photosynthetic of the forests. Ecuadorian jungle has the greatest biodiversity per planet surface.

## Great Water Collection Zone of the Planet



Napo River

Amazonian coffee is produced with water generated by 25 ecosystems of eastern Ecuador, which capture the 20% of the entire world. The Amazonian slope produces more than 228,917 cubic hectometers per year, three times more than the uptake in the highlands and Coast of Ecuador. The Napo that is one of the main tributaries direct from the second largest river watershed in the world, Pastaza and Santiago are the main Ecuadorian Amazonians rivers that configure this reality.



Cuyabeno

## Largest Carbon Collection Zone

The importance of Amazon in mitigating climate change on the planet is undeniable, the South American Amazon jungle captures and stores around 109.660 million metric tons of carbon (CO<sub>2</sub>), which is transformed by a natural process and returned to the environment as oxygen, so it considered as the main carbon sink land. Ecuador is located in fourth place in the list of carbon sequestration for its contribution to the planet.

## Ecuadorian Amazon Climate Floors

Amazonian coffee is produced in different climatic floors. To the north, they are abrupt changes in temperature during the day, they show up temperatures greater than 40 degrees Celsius, with a suffocating thermal sensation, which persists until late hours at night. Early in the morning, the temperature drops considerably and thick fog presents itself as in the Andean moors, rain is constant even with the presence of the sun, there is no winter or summer.



Amazon Ecuador

## Amazon Coffee and its Volcanoes

Amazon coffee is grown surrounded by 12 Volcanoes, the most representative are: Antisana (5,704 meters) located in Napo province; Altar (5,319 meters) and Sangay (5,300 meters) located in Morona Santiago province; and, Reventador located between Napo and Sucumbíos provinces, this one has the highest eruptive activity record, approximately 16 eruptions since 1541.



Volcano El Reventador

# Amazon Coffee Characterization



## Amazonian Coffee Producer

Age: **40 years** or older.  
Number of children: **4** children.  
Schooling: **8 years** of education.

Live in farm: **62%** of producers.  
Labor: **55%** family.  
Associativity: **38%** of producers.



## Amazon Coffee Farm

Farm size: **20 he** or less.  
Crop Age: **6 years** or less.  
Coffee surface: **9 he** or less.  
Harvest months: **June - August.**

Arabic varieties: **Catuai, Catimor, Caturra, Yellow Catuai, Typical, others.**  
Robust varieties: **Conilon, Napo Payamino, Brazilian Pepon, others.**



## Sustainable Production System

Forest: **19%** of the farm.  
Partnership with other crops: **66%** of farms.  
Shadow use: **77%** of farms.  
Shade in the crop: **30%** of the plantation.  
Organic fertilizers use: **83%** of farms.  
Organic supplies use: **79%** of farms.  
Organic certification: **14%** of farms.

Fairtrade certification: **1%** of farms.  
Crops in association: **Bananas, fruit trees, cassava, timber trees.**  
Crops before coffee: **Corn, naranjilla, small banana (orito), grass, cassava, chocolate, banana, rice.**



## Amazonian Coffee Geomorphology



**Height**  
200 to 1900 amsl.



**Pending**  
Smooth flat (39%), Strong (38%),  
Average (21%)



**Fertility**  
Low (54%), Medium (23%),  
Very low (16%), High (2%)



**Temperature**  
20 to 25°C



**pH soil**  
Neutral and slight acidic (46%),  
Medium and very acidic (44%)



**Stony**  
Little or no stony (91%), Frequent (3%),  
Abundant (1%)



**Precipitation**  
1700 to 4000 mm.



**Ground texture**  
Loamy (59%), Clay (37%)

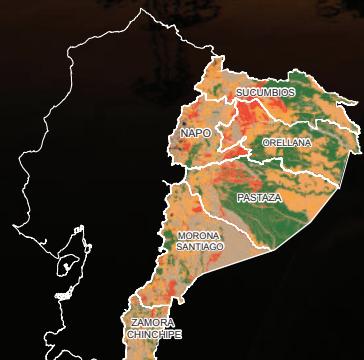


**Sewer system**  
Good (74%), Moderate (19%)



## Amazon Region Geomorphology

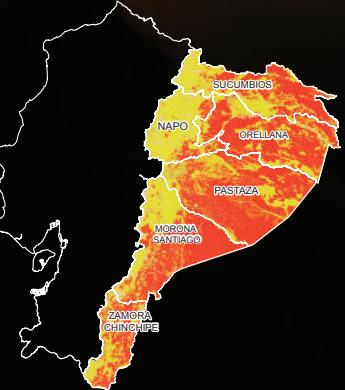
Ph



Precipitation



Texture



Temperature



Altitude



Acid      Neutral  
Very - Acid - Fairly - Slightly      Neutral - Practically

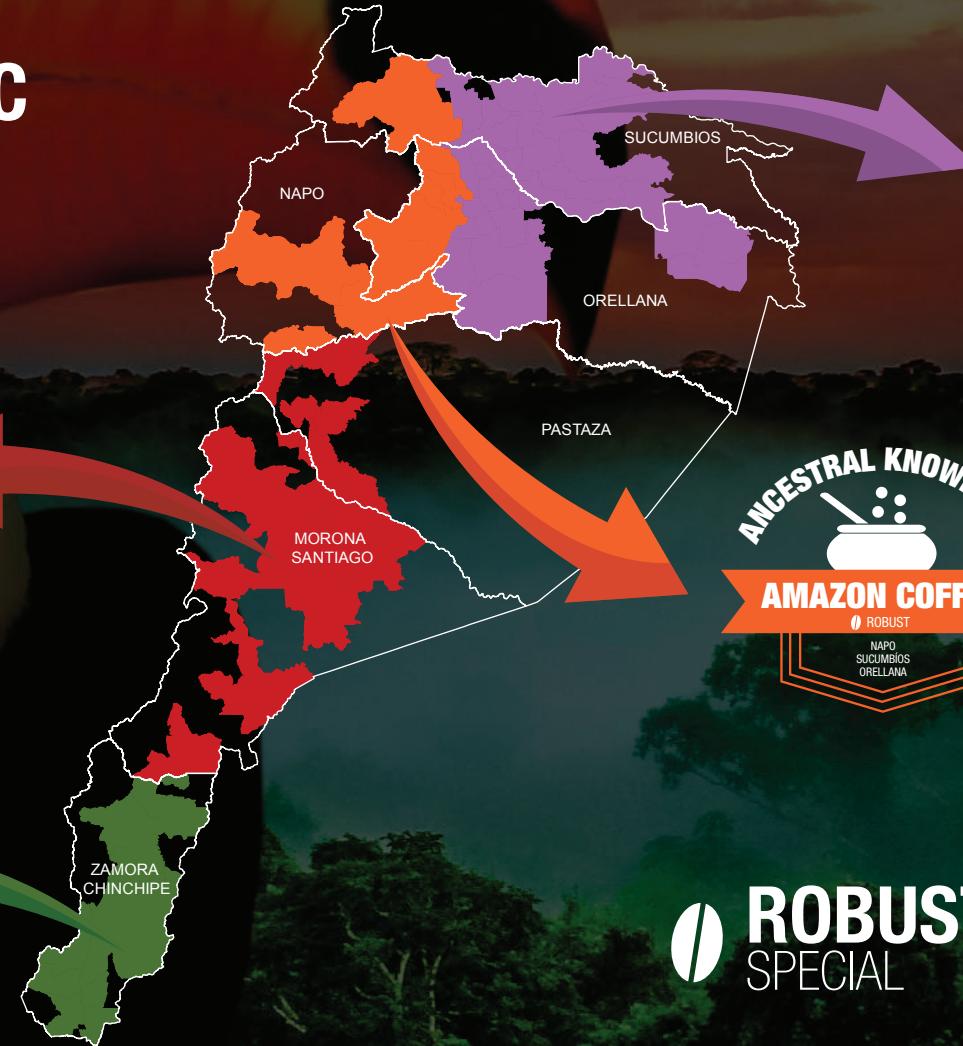
650mm      5.900mm

Loamy      Sandy      Clay

1°C      27°C

200 amsl.      5.650 amsl.

# Amazon Coffee Zones



An Amazon  
Legend

