



CACAO PERUANO: Biodiversidad y calidad

Principales zonas de producción de cacao



Fuente: MINAGRI-DGESEP

Genetic diversity and spatial structure in a new distinct *Theobroma cacao* L. population in Bolivia

Dapeng Zhang · Windson July Martínez · Elizabeth S. Johnson ·
Eduardo Somarriba · Wilberth Phillips-Mora ·
Carlos Astorga · Sue Mischke · Lyndel W. Meinhardt

Allelic
Richness



PLoS one

Annals of Botany 98: 647–655, 2006
doi:10.1093/aob/mcl146, available online at www.aob.oxfordjournals.org

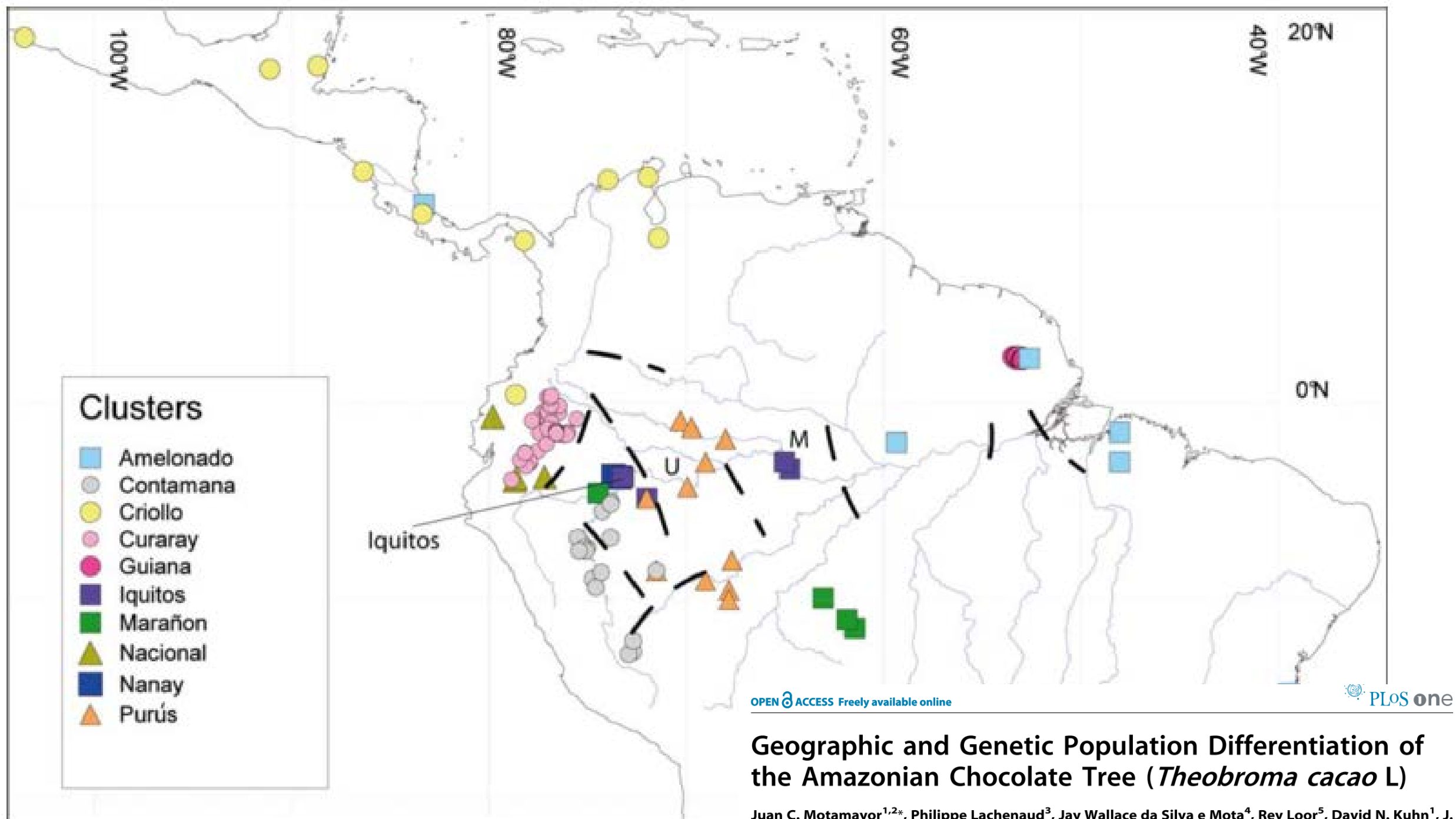
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Geographic and Genetic Population Differentiation of the Amazonian Chocolate Tree (*Theobroma cacao* L)

Juan C. Motamayor^{1,2*}, Philippe Lachenaud³, Jay Wallace da Silva e Mota⁴, Rey Looor⁵, David N. Kuhn¹, J. Steven Brown¹, Raymond J. Schnell¹

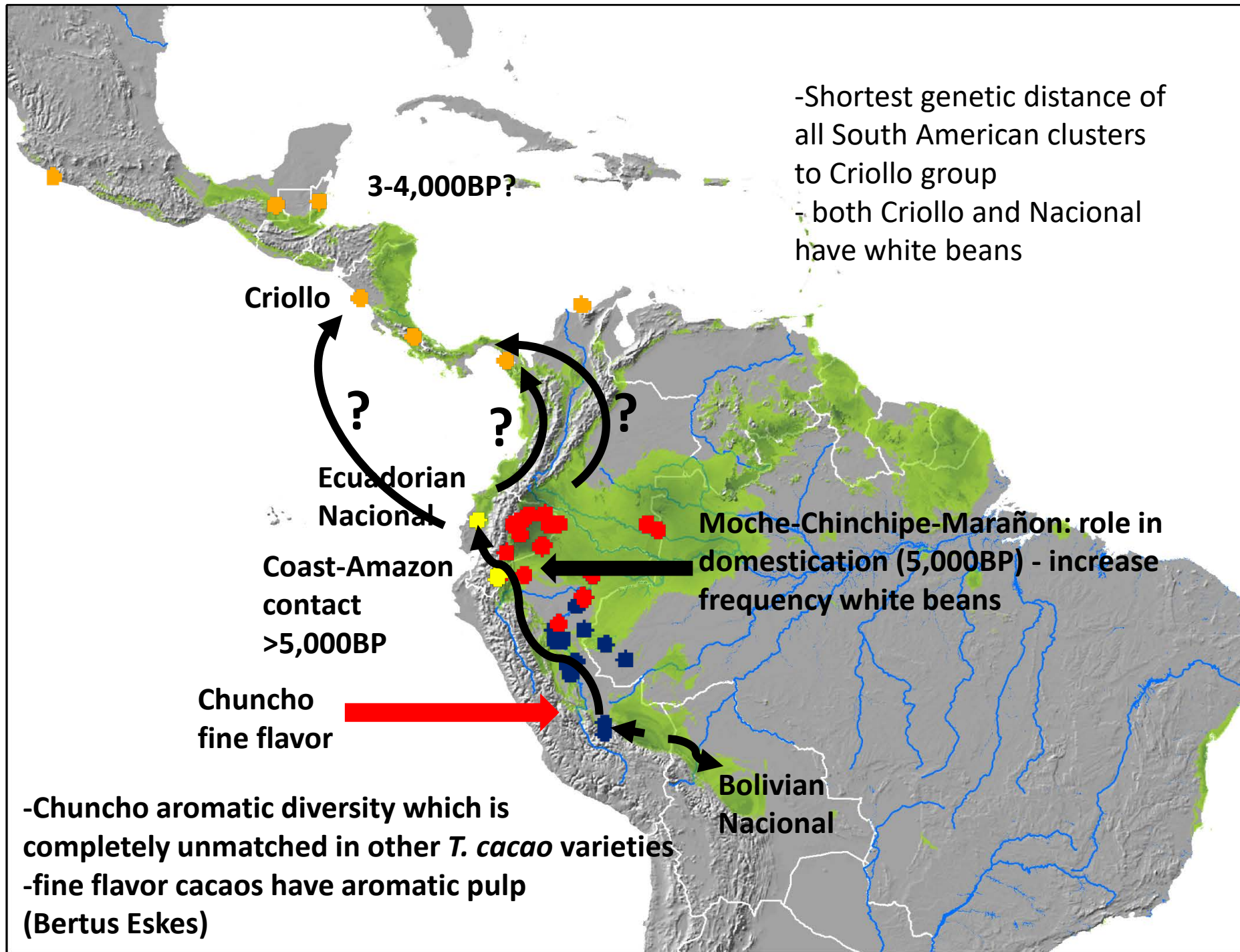
Genetic Diversity and Structure of Managed and Semi-natural Populations of Cocoa (*Theobroma cacao*) in the Huallaga and Ucayali Valleys of Peru

DAPENG ZHANG^{1,*}, ENRIQUE AREVALO-GARDINI², SUE MISCHKE¹,
LUIS ZÚÑIGA-CERNADES², ALEJANDRO BARRETO-CHAVEZ² and
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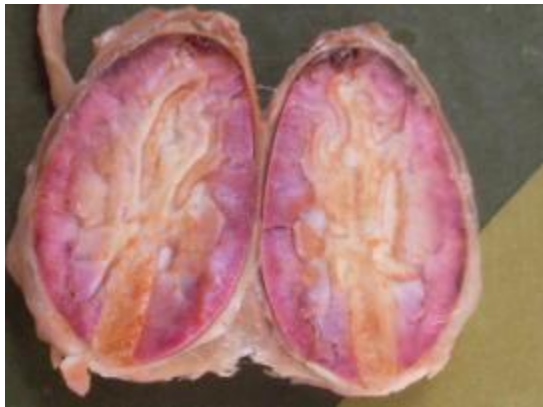
- 178 genotypes from Cuzco, Junin, Piura)
- Flavours and aroma
- 71 SNP markers
- Cluster analysis:
 1. *Discriminant Analysis of principal components*
 2. *Structure*

K=5 → K=11

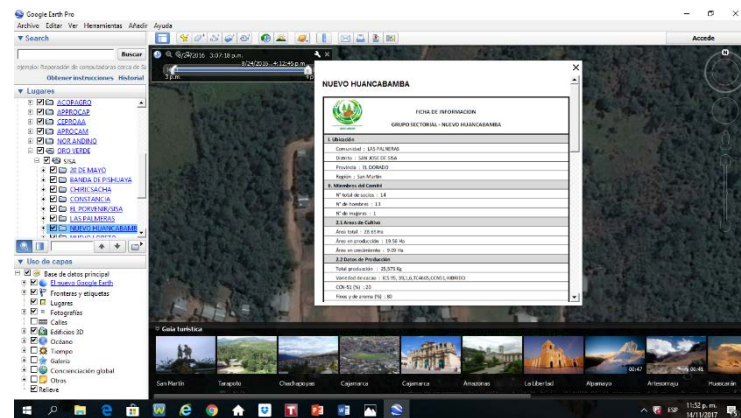
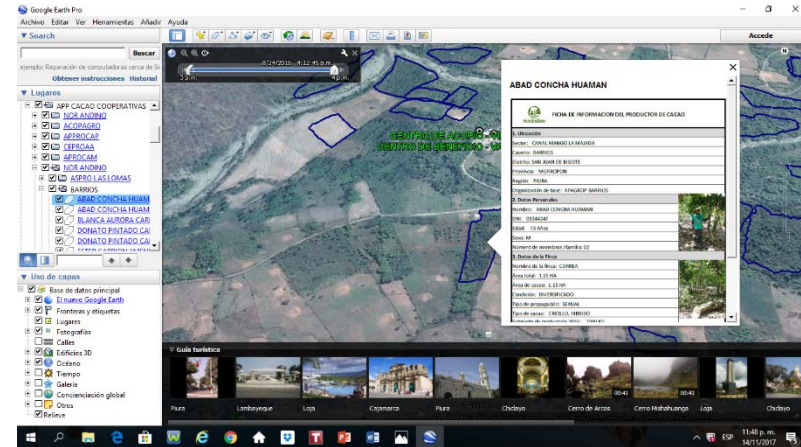
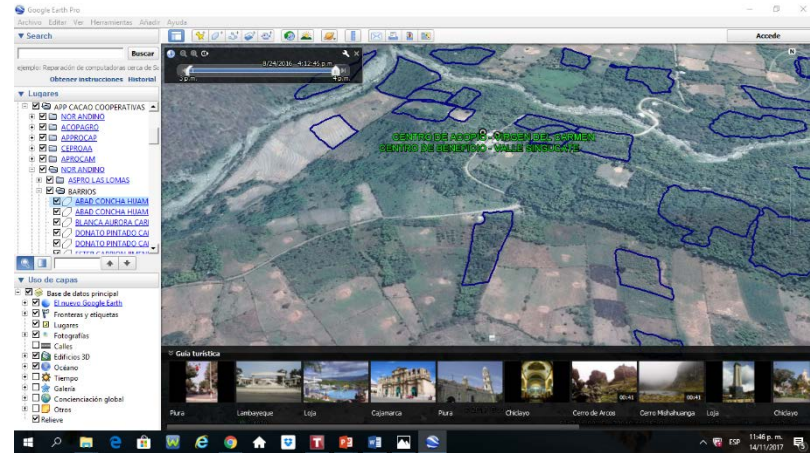








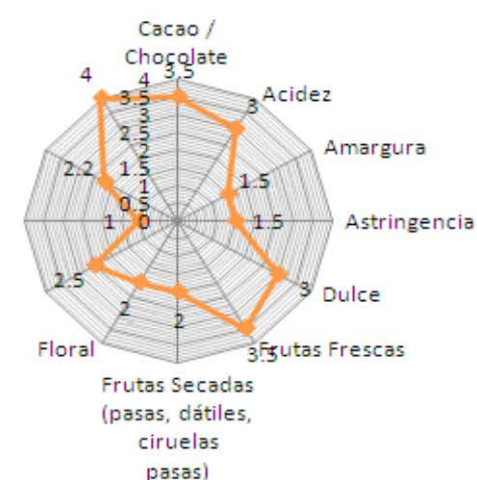
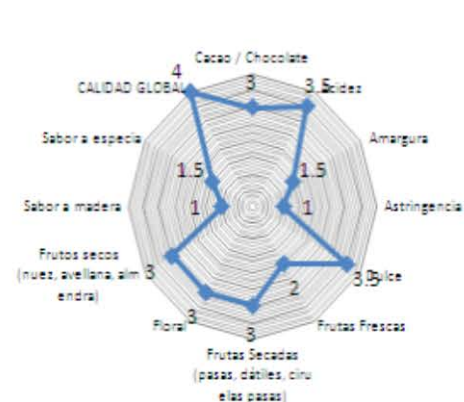
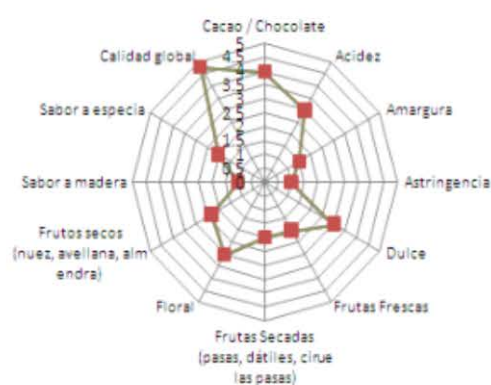
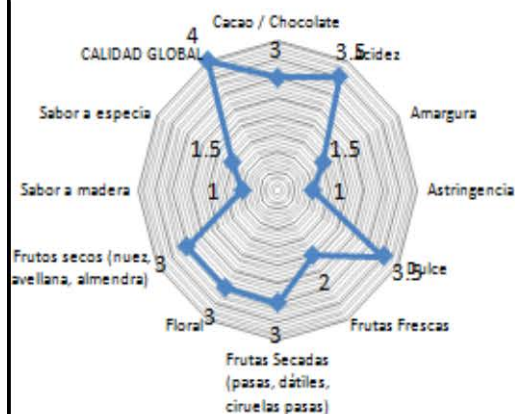
Zonificación de áreas de cacao fino de aroma



Gestión de calidad



MARCAS DE ORIGEN - PIURA



Quemazón, Barrios, Ranchos

Las Lomas, Montero, Suyo y Paimas

Palo Blanco, Charanal, Chililique, Platanal, Malingas

Buenos Aires, Morropón

Diversidad sensorial del Cacao Chuncho



- 64 Perfiles sensoriales únicos
(= cacaos finos únicos comerciales)

*arandano, jazmin, rosa, **vanilla**, citrus/jazmin, **mandarina/jazmin**,
lirio/rosa, **guanabana/rosa**, **mango/rosa**, pomarosa/floral,
rosa/lirio, **menta/jazmin**, **arandano/rosa**, fruta roja madura,
nuez/uva pasa, **nuez/rosa**, **durazno/nuez/rosa**, ciruela/uva
pasa/rosa, durazno/nuez, **etc.***





