

From Bean to Cup: a history of coffee

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UDLS - 19 Sep 2014

What this UDLS is not

- How to make coffee
 - ABCs of Brewing Coffee
 - alexandru totolici, 5 Oct 2012
- Where to find coffee
 - Coffee Shops Around Vancouver
 - Michael Firmin, 13 Sep 2013

What this UDLS is

- Exploration into the origins of coffee
- Depiction of coffee in cultures past and present
- Fun coffee trivia

So what is coffee, anyway?

- Contrary to popular belief, coffee is not a ‘bean’
- It is the seed of the coffea cherry
 - From the Coffea plant
 - Native to Southern Africa and Tropical Asia
- Two Species: Arabica and Robusta



Great. So how does it turn into the delicious beverage we know and love?



Picking

- Cherries are generally hand picked
- One major harvest per year (April-Jun)
 - In some regions a second, smaller one in December



Processing

- Wet Process
 - Sorted by immersion in water
 - Ripe fruit sinks, unripe floats
 - Fruit is stripped from the seed
 - Remaining pulp removed by fermentation
 - Sun or machine dried



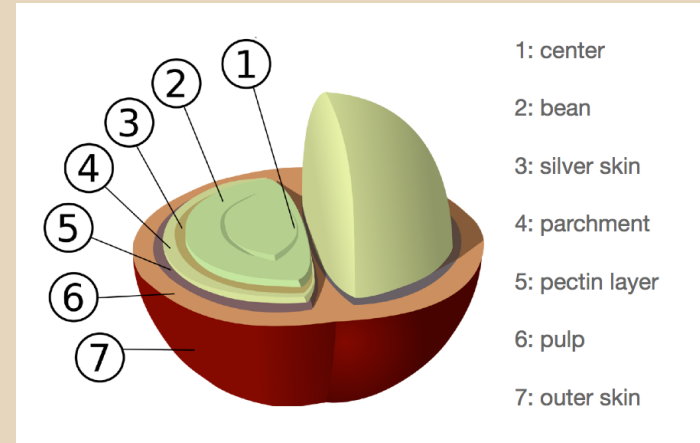
Processing

- Dry Processing
 - Traditional method
 - Dirt, soil, leaves removed with a large sieve in a process called winnowing
 - Unripe cherries removed by hand
 - Sun dried



Milling

- Remove the remaining husk
- Sort by density, size, and color
 - Generally all automated



Remaining Steps

- Roast
- Grind
- Brew
- Enjoy!



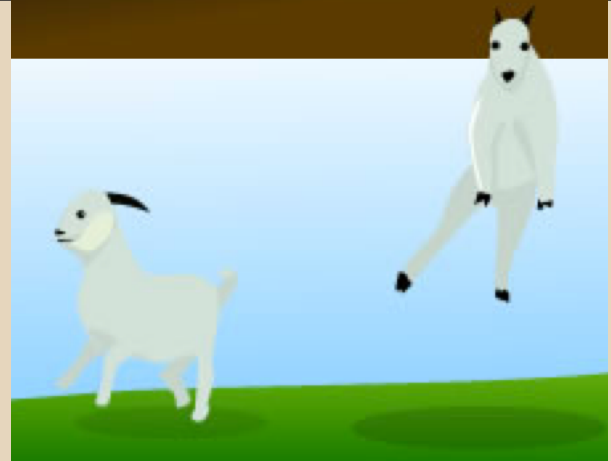
Origins of Coffee in Legend

- Abu al-Hasan al-Shadhili
 - North-African Islamic scholar
 - Discovered birds ‘of unusual vitality’ in Ethiopia
 - Upon eating the same berries as the birds, experienced the same vitality



Dancing Goats

- Ethiopian goat herders noticed the effects of caffeine on their goats
- When presented to the Monks, they disapproved and threw them in the fire.
- The enticing smell led to today's drink



Origins of Coffee

- Originated in the Sufi monasteries of Yemen in southern Arabia
 - Caught on as a replacement for alcohol, which was banned
- 16th Century
 - 1511 - Coffee banned by theological court in Mecca, overturned in 1524
 - 1554 - First coffeehouse opens in Constantinople
 - 1580 - News of 'black water' spreads to Italy

Papal Approval

- 1600 - Pope Clement VIII's advisors asked him to ban the 'drink of the devil.'
 - Upon tasting it, he found it delicious and gave it the Papal Approval
 - This caused its rapid spread through the Catholic world



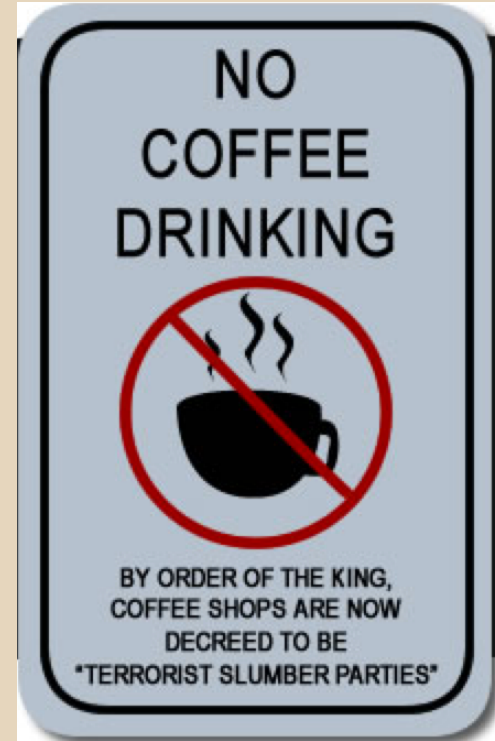
Penny University

- 17th Century - First Coffeeshouses open in London.
 - They charge a penny for entrance, and provide newspapers, bulletins, gossip, etc.
 - Frequenting by university students
 - The first of these led to the formation of the Oxford Coffee Club, now known as the Royal Society



A Proclamation for the Suppression of Coffee Houses

- Coffee is called into question in the Women's Petition Against Coffee
- King Charles II responds by banning coffee houses
- Reverted a year later



Coffee In France

- Late 1600s - Coffee reaches Paris, and coffee houses begin to appear
- 1710 - An infusion brewing process is developed
- 1713 - King Louis XIV's court is the first to add sugar to coffee
- 1723 - French naval officers introduce coffee plantations to the Americas

Coffee Cantata

- Bach's one act comedic opera on coffee addiction
- Some choice quotes:
 - “If I can't drink my bowl of coffee three times daily, then in my torment I will shrivel up like a piece of roast goat.”
 - “That as well, only I beg of you, leave me my coffee!”

Coffee Cantata



Freedom Beverage

1773 - The Boston Tea Party leads to a revolt against tea, making coffee the patriotic beverage of America

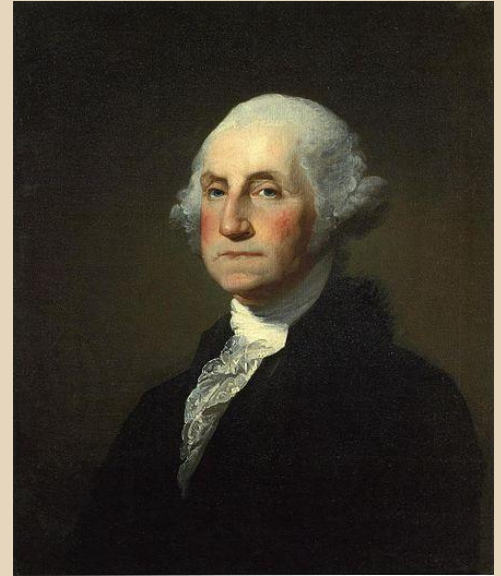


Brazil

- 1800s - Brazilian independence leads to massive coffee cultivation
 - Produces 600,000 bags annually, 25% of world production
 - By 1900, this rose to 90%
 - Followed by Cuba, Haiti, and Java
 - Coffee prices reach all-time lows
 - Coffee continues to spread all around the world

Instant Coffee

- Invented in 1906 by George Washington
 - An English Chemist living in Guatemala



Not this George Washington

Italy and Espresso

- 1905 - Desiderio Pavoni produces the first commercialized espresso machine, based on Luigi Bezzera's 1901 design
- Local authorities would control price, provided the drink was consumed standing up
- Spreads to the English speaking world in the form of lattes and cappuccino



Modern Day Coffee

- 1971 - Alfred Peet of Peet's coffee and friends open the first Starbucks in Pike's Place Market in Seattle
 - Originally sold only whole roasted beans, not brewed coffee



Tim Hortons

- Tim Hortons opens in Ontario in 1964
 - Originally had only coffee and donuts on the menu

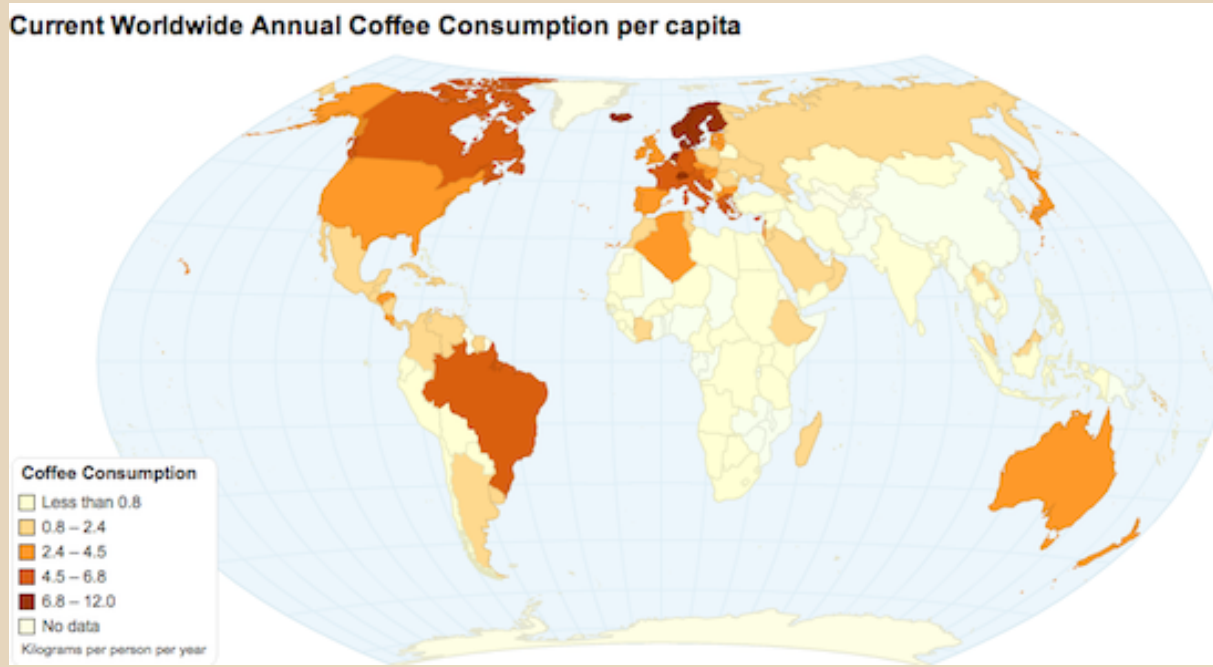


Third Wave Coffee

- Coffee as an artisanal foodstuff
 - Independently owned coffee shops
 - Focus on flavor of the beans rather than the roast

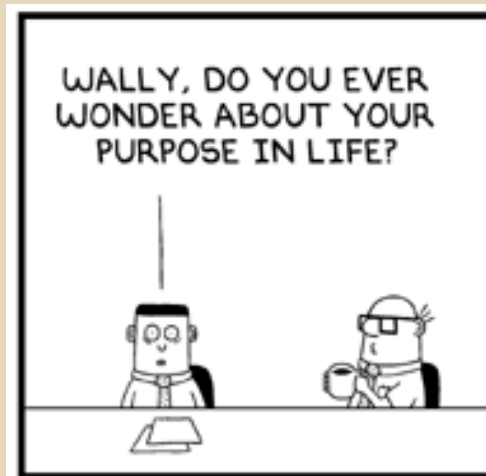


Coffee Consumption Today



The US alone drinks 400 million cups per day (2011)

Fin



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