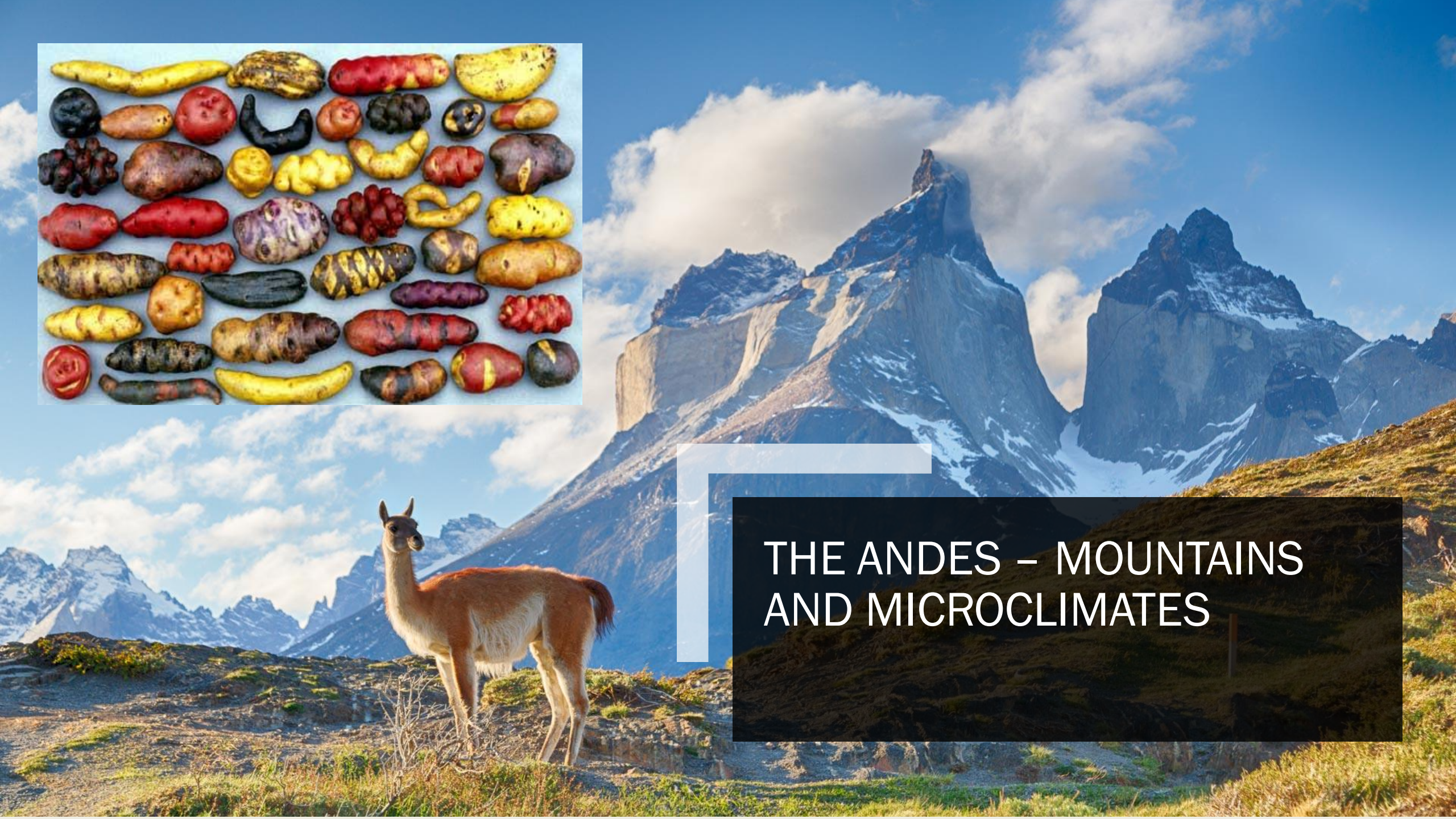




# THE POTATO

A Brief History of an Incredible Tuber



# THE ANDES – MOUNTAINS AND MICROCLIMATES

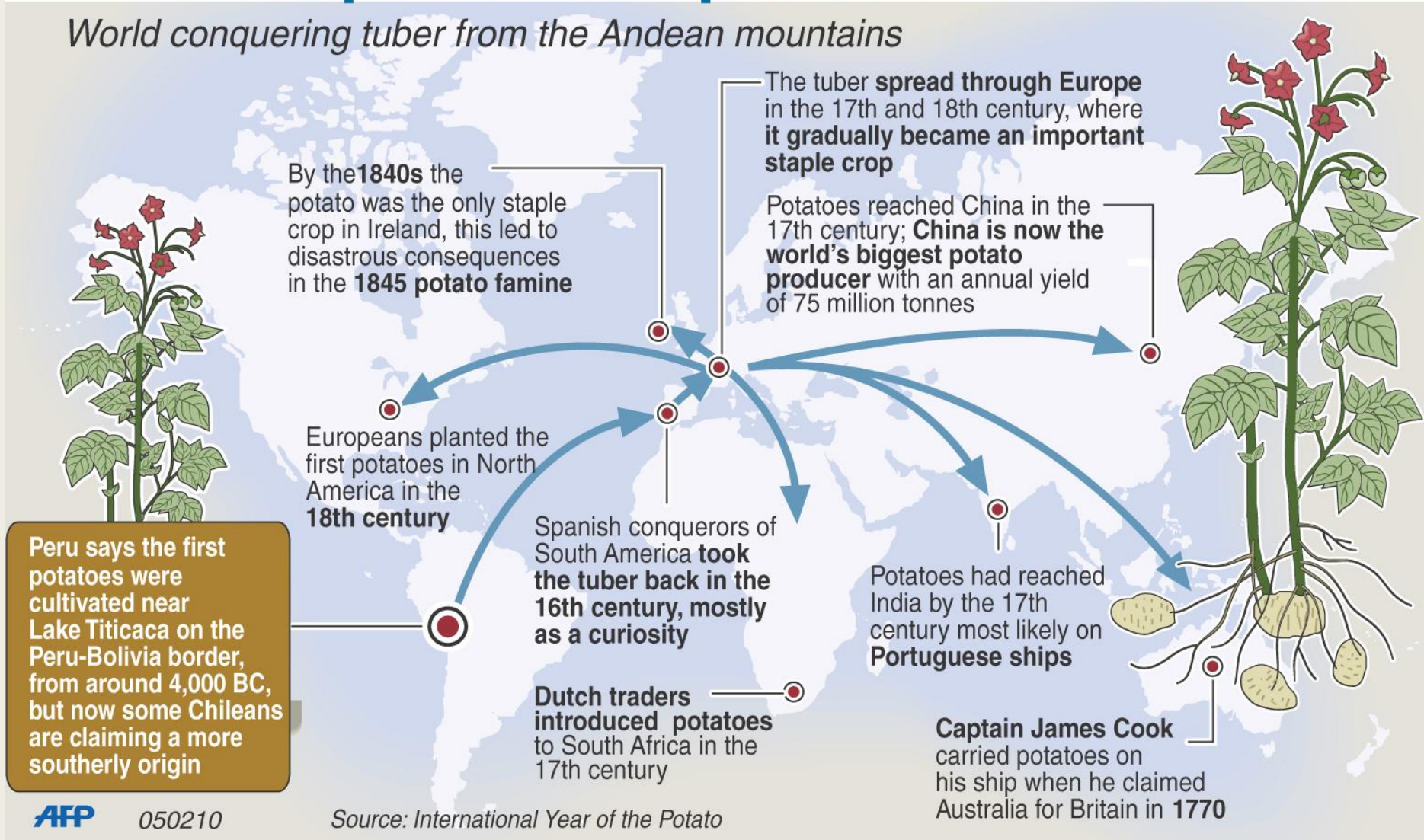
# Friday, November 15th, 1532

- Francisco Pizarro
- Late 1500's Potato introduced to Europe in Spain and British Isle
- Mainly used for animal feed and decoration
- By 1800's the potato was a staple in European cuisine (especially for the peasant class)



# The potato conquest of the world

World conquering tuber from the Andean mountains



# Biodiversity vs Monoculture Production

South America



Europe



# What Went Wrong? - Potato Famine 1845-1852



# Potato Reproduction

True Seed



Cloning (Asexual  
Reproduction)



# A Way Forward

- Indigenous Knowledge
- Biocultural Heritage
- Parque de la Papa
- Guardian Farmers
- Climate Change
- NASA





# That's right, NASA is studying the Potato.

<https://vimeo.com/216635756?ref=em-share>

## Discussion Questions:

Where are Potatoes From?

Climate/ Microclimates/ Andean Culture – what we know, how would this affect food production?

Science of the Potato

Wild vs. Cultivated varieties – Peruvian uses for potatoes

So what happened? How did we go from thousands to 12-?

Varieties?

Conquistadores and potatoes – boom in population, but then famine. What was missing?

Indigenous knowledge, biocultural heritage – define talk about relationship to NASA and Mars mission

Climate change! How do we learn from the lessons of the past and move into the future?