# The transhumance system. Transhumance and local breed.

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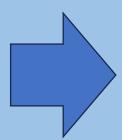
"The transhumance is defined as a type of pastoralism in continuous movement, adapting in space to areas of changing productivity"

"Transtermitance is a smaller variety of the transhumance characterized by short-term seasonal movements"

### How the transhumance was funded?









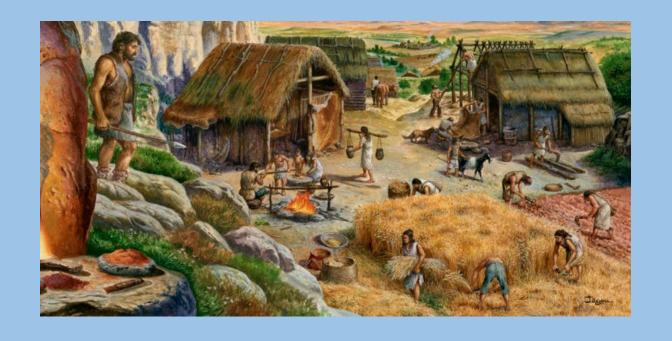
Paleolitic hunters

**Neolitic pastoralists** 

## Pastoralism changed the humanity



- Birth of the rural society
- Cultural revolution
- Tremendous expansión
- Succsses



# Seasonal changes of the weather and the availability of foods were the problem



#### Two solutions:

- Foods Conservation
- Transhumance





# Dogs. 30000 years of friendship

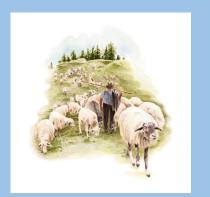
- Hunting
- Keeping and managing livestock





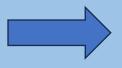






**Domestication** 





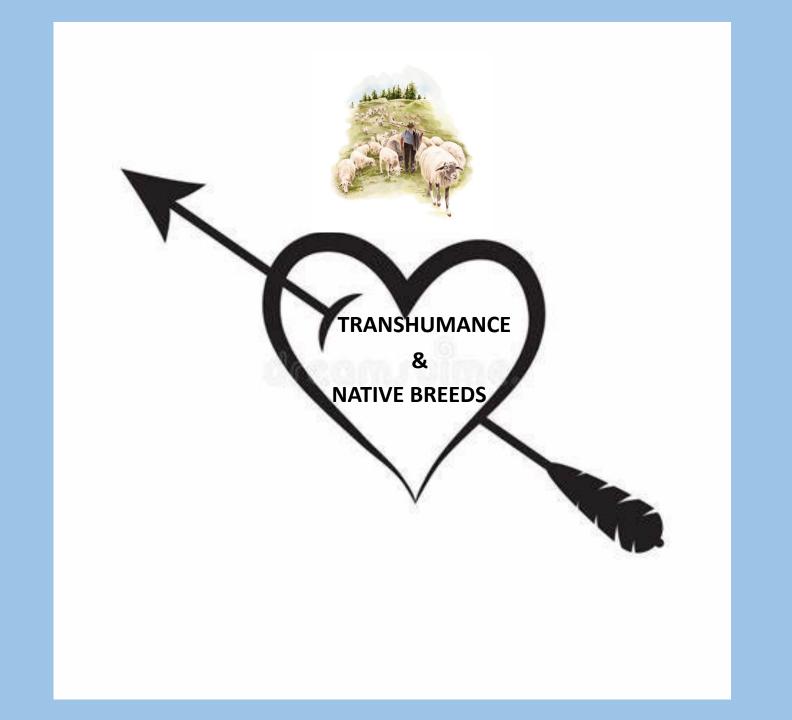
**Genetic Drift** 



Selection Migration Mutation



Biodiversity. (local breeds)





# Why native breeds?

- Rusticity and adaptation
- Lower auto-demands
- Cultural integration
- Environmental integration



Rusticity and adaptation

- Doing transhumance in the last thousand of years
- Capacity of adaptation to changing conditions
- Resistance and resilience







#### Lower auto-demands

- Lower physiological energetic demands to attend the basic functions
- Lower hydric necessities









# Cultural integration

- Historical associations cultures/native breeds/transhumance
- Transhumance is an interaction humans/native breeds









#### **Environmental integration**



- Transhumance stablishes several environmental services (fight against fires, dissemination of seeds, etc.)
- Transhumance is an interaction native breeds/environment





- Recognition. Transhumance still exist
- Stimulation of the activity.
   Compensation of the environmental services
- Protection and regulation of the ways (cañadas)
- Diffusion (social media, TV, journal, etc.)
- Research at all levels (History, culture, science, etc)











#### Good news

In December 2023, UNESCO declared the Transhumance as Intangible Cultural Heritage of Humanity, for "contributing to social inclusion, to strengthening cultural identity and ties between families, communities and territories".





# unesco

United Nations Educational, Scientific and Cultural Organization

But this is other history.....

Thank you very much