

UNIVERSITÀ

PhD Course in Environmental Sciences

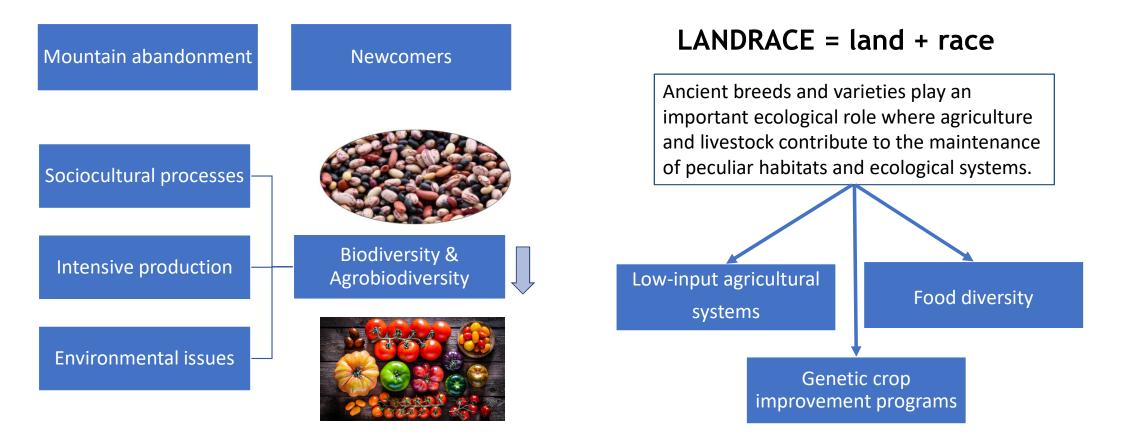


Landraces can be agri-food resources for the sustainable development of mountain areas: the case of "Copafam" bean (*Phaseolus coccineus* L.).

Davide Pedrali

February 9th 2023

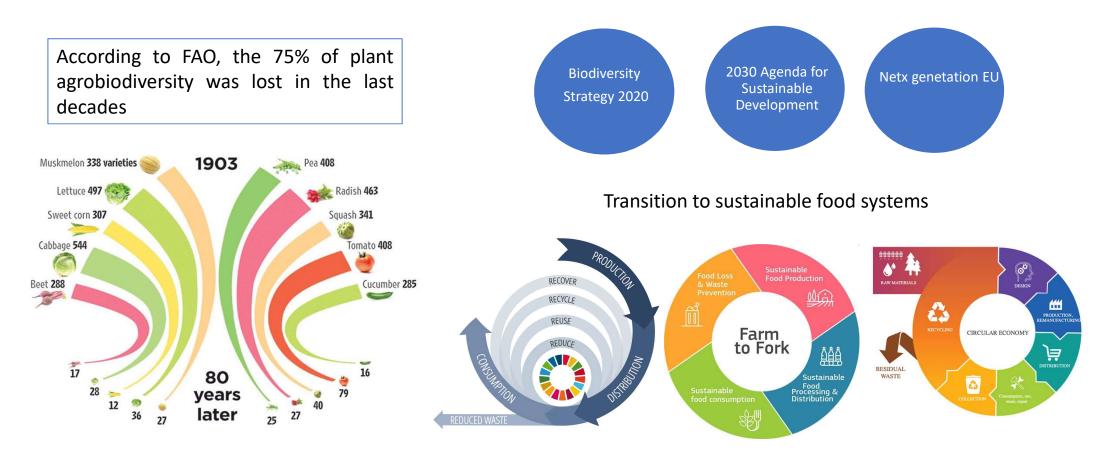














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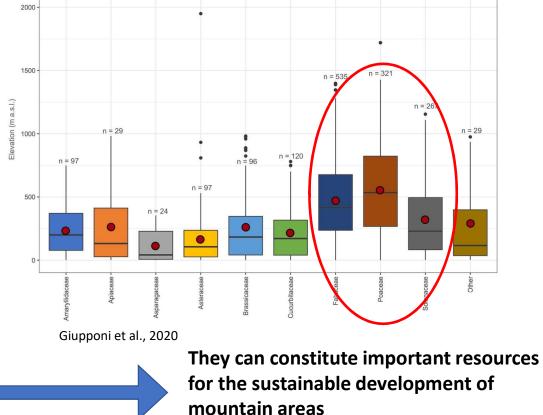
Mountain and sub-mountain areas are hotspots of horticultural agrobiodiversity

- The majority of landraces are concentrated in the mountain and sub-mountain areas, in a wide altitudinal range (150–800 m a.s.l)
- Most numerous families: *Fabaceae, Poaceae,* and *Solanaceae*



Distriburion map of the Italian landraces Giupponi et al., 2020

More than 1600 herbaceous landraces





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Distriburion map of the Italian landraces Giupponi et al., 2020





Risk of extinction

Mountain areas

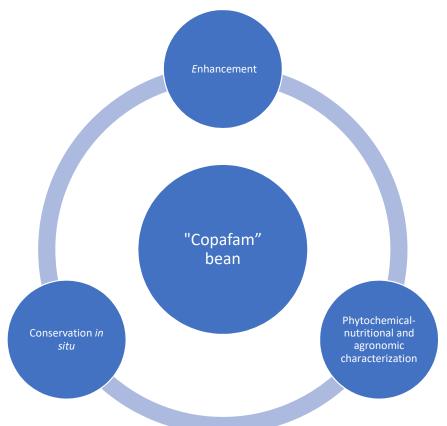
Potential source for *Functional food*

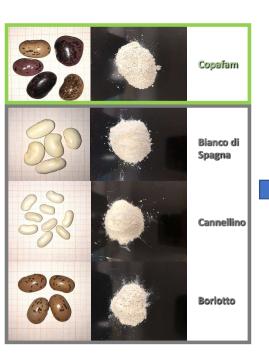


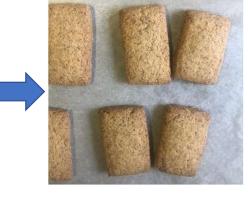
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Work aims



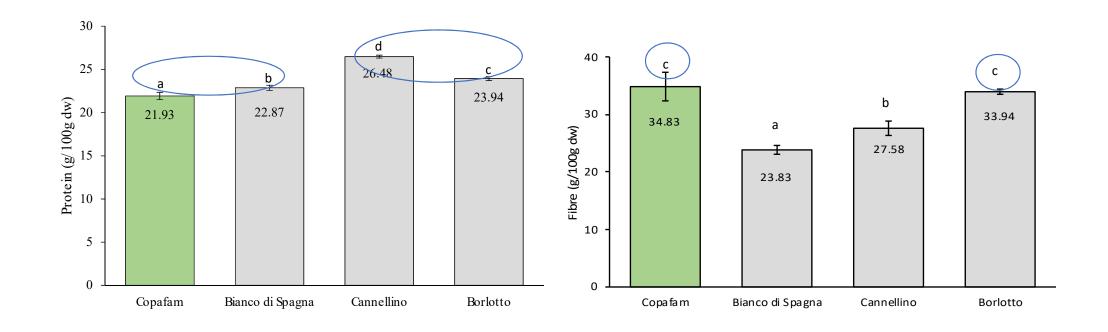






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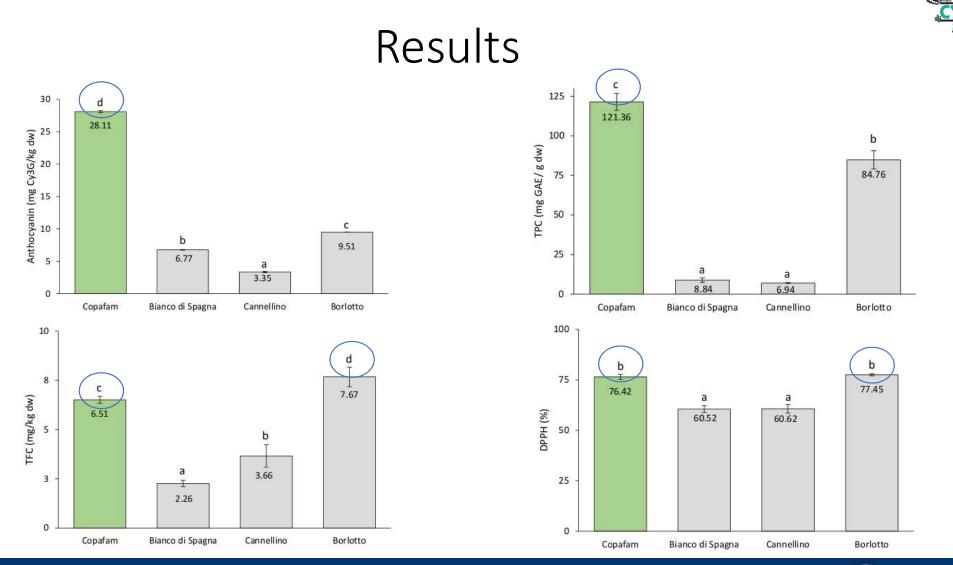






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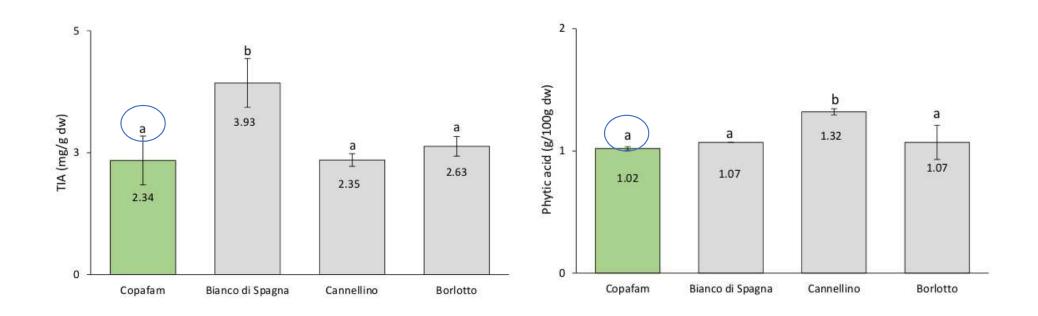






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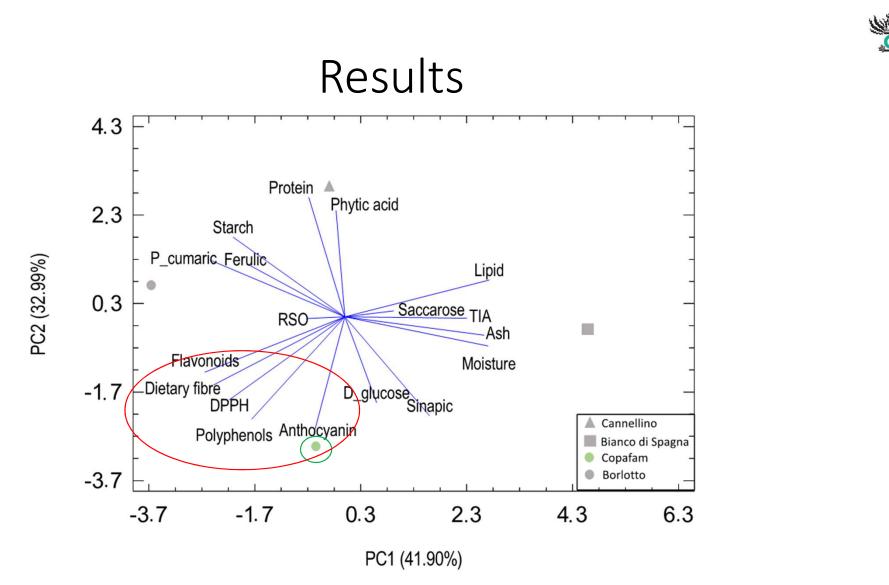






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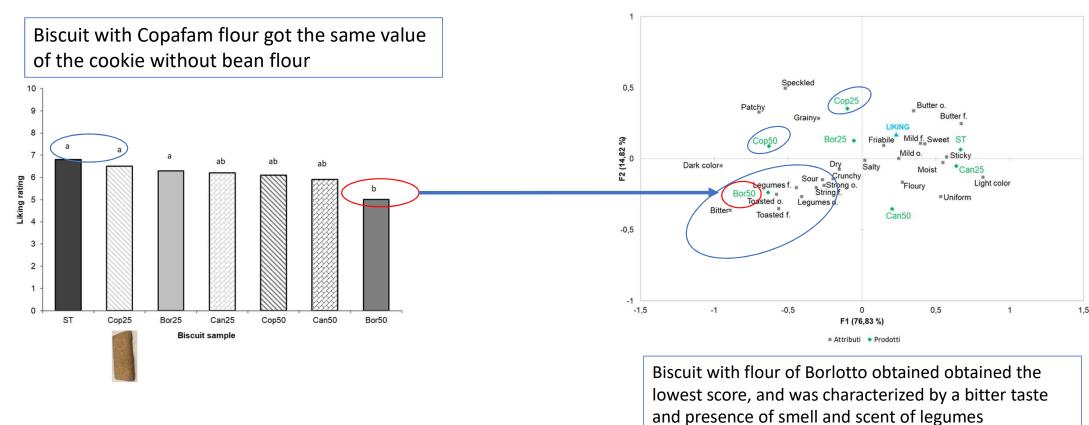




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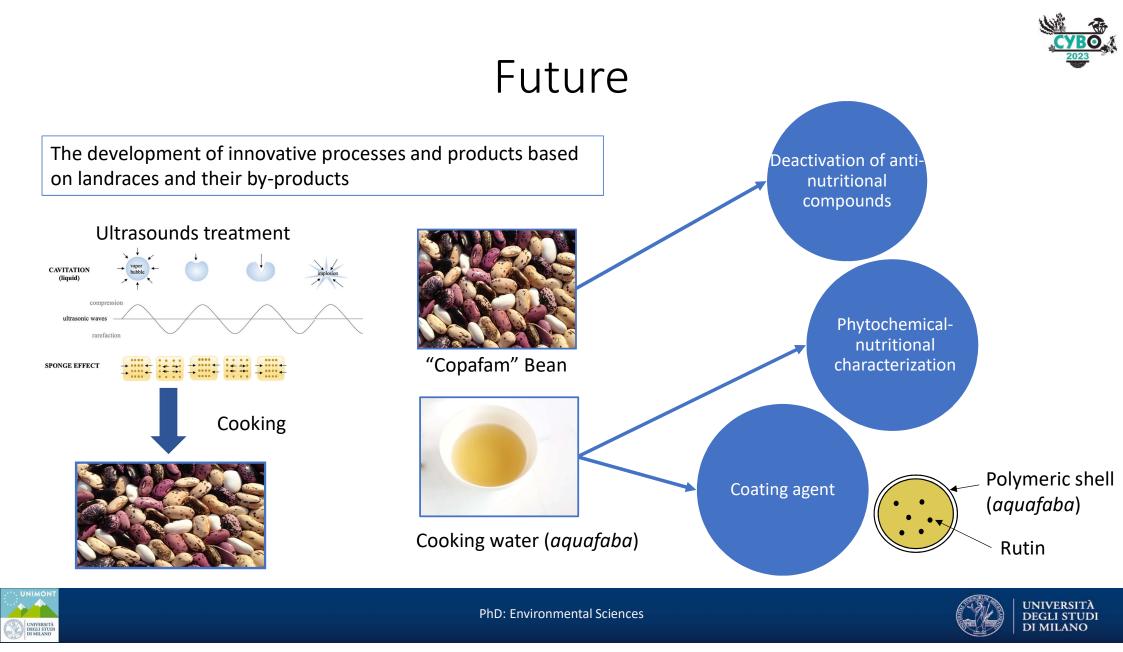






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Thank you for your attention

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