Farming and NATURA 2000: What problems and opportunities

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Landscape diversity in Aude

34 geographical zones, Natura 2000, that is 40% of the department of Aude.

For various reasons topography, layout different reliefs, tilt the coastline of the Gulf of Lion, wind corridors the coastline at Gruissan and Narbonne has a funnel effect of concentration of migratory birds feed.
Geographic situation of ZPS Basses Corbières

Strict protection zone Basses Corbières

Installed since 2009

A typical mediterranean area

Low rainfall

Groundwater richness

Limestone plateau
Pastoral practices

Monitor plant growth and diversity, empirical method

Combination Method goat + horses

Adapt grazing pressure

Création of pasture parks

Hay of poor quality ??
Deal with climatic conditions

Drought management

Mixing légumes cereals

Implantation of alfa alfa

Organic manure only
Deal with climatic limits and local resources

- Good practices and soil life

Management of heterogeneity of the soils

Tillage in good conditions:

- Growth of the biodiversity of the soil

- Good yield

- Ressource management
Evaluate the potential

- One cut hay, offset surfaces
- Attention to soil compaction and exhaustion
- Very good yields without chimical intrants
- Rotation cycles
- Late mowing, et leave un aera for biodiversity
The fields and the yields

Margins for the biodiversity refuge

Cut hay area

Hedges of tree

Biodiversity pool
Organising the flexibility

Small bales of hay = no flexibility

Peak of working (feb-june) and production

New system?
Planning for biodiversity without mecanic action

Creating vegetal hedges with local varieties

Promote mosaics and landscape diversity

Alveolar opening

Prairie undergrowth
Prevention and homeopathic remedy

Animal (skin, dropping, nails)

Soil (bio-indicators) and grassland (stads)

Parasitism and disease

Observing cycles and soft strategies.
Supporting biodiversity in my garden

- Old variety
- Permaculture
- Biodiversity pool for insects and birds
- Mulching for saving water
Ef fluent management

Rycycling lactoserum

Reduce waste whey in soils and streams
Constraints

Keep or not to keep the herd??
This is the question

Comptabilities with modern life?
Land stewardship

Dealing with multiple owners and Stakeholders (hunters,

Land speculation and recreation land
Other limits

Productivity system and sustainability

Competitive prices

Which alternatives?
Visitors

Natrix natrix lunching
Gypaetus barbatus, bone-breaking

Installation of plots near to the farm

Photo 16/02/2014
Aegypius monachus

Photo 24/03/2014
Milvus migrans, black kite
A little mole
Thank you for your attention

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