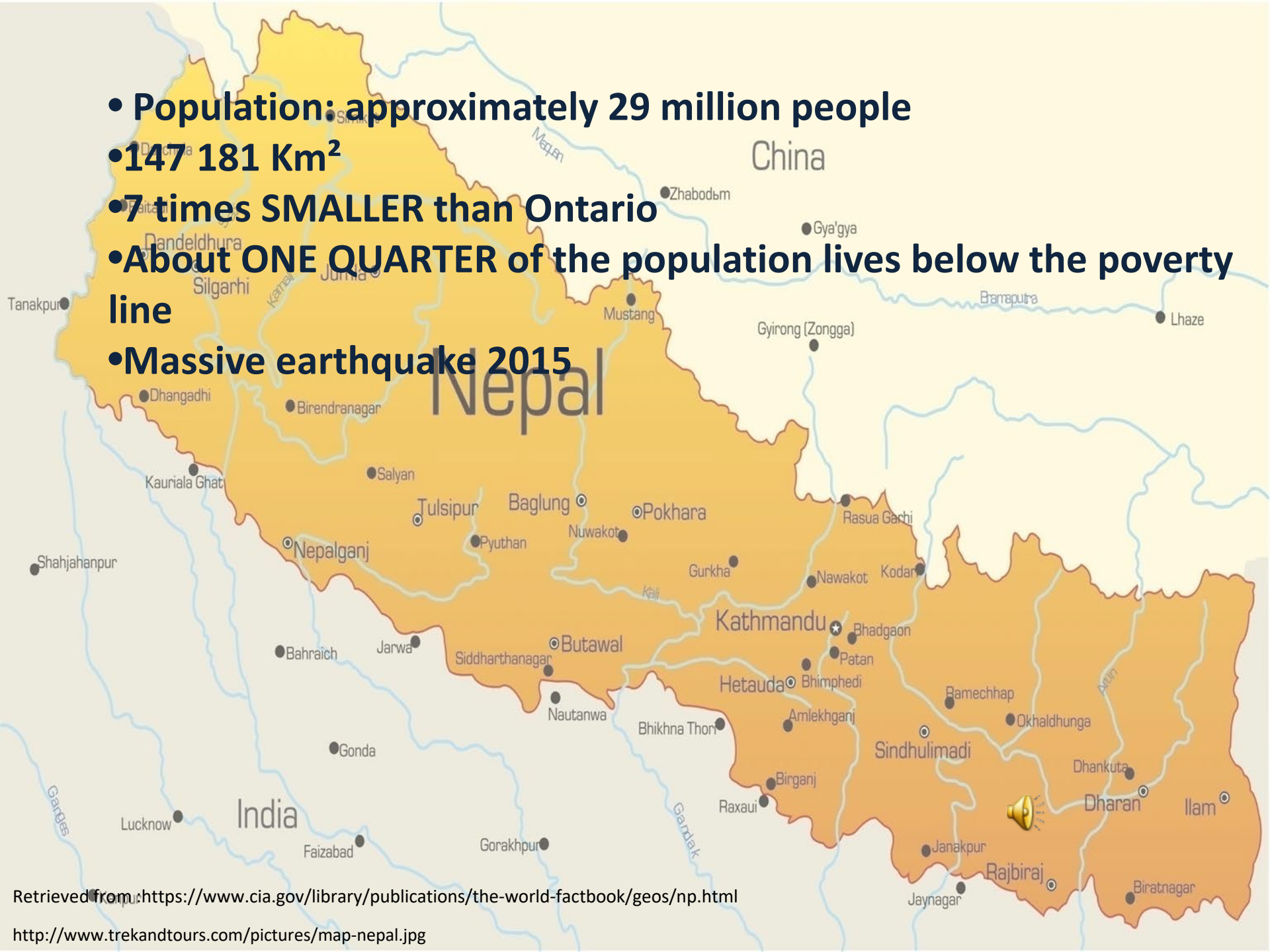




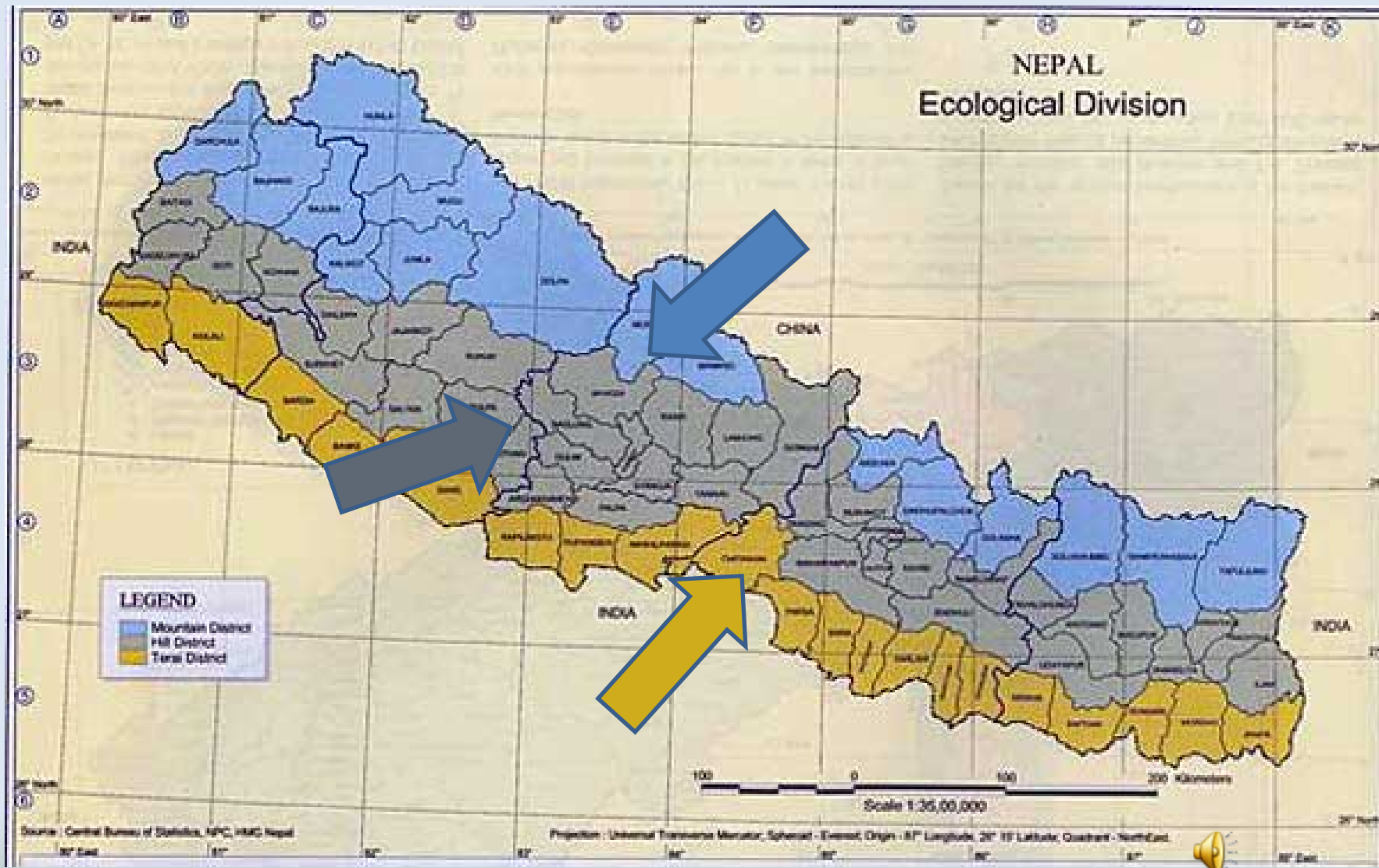
Nepal Export Project

Cara Fitzgerald

- **Population: approximately 29 million people**
- **147 181 Km²**
- **7 times SMALLER than Ontario**
- **About ONE QUARTER of the population lives below the poverty line**
- **Massive earthquake 2015**



Ecological Regions : Livestock



Ectoparasites

SO.. WHAT'S THE PROBLEM?





Horn Fly

- Size of common house fly
- Feeds off host day and night
- Life cycle completed in 10-14 days
- Each female can lay up to 500 eggs
- Bite wounds can become irritated and infected.



<https://500px.com/photo/24248353/buffalo-fly-and-eye-by-rudi-hulshof?from=popular>



<http://www.thecattlesite.com/articles/3957/the-importance-of-controlling-horn-flies/>

Face Fly

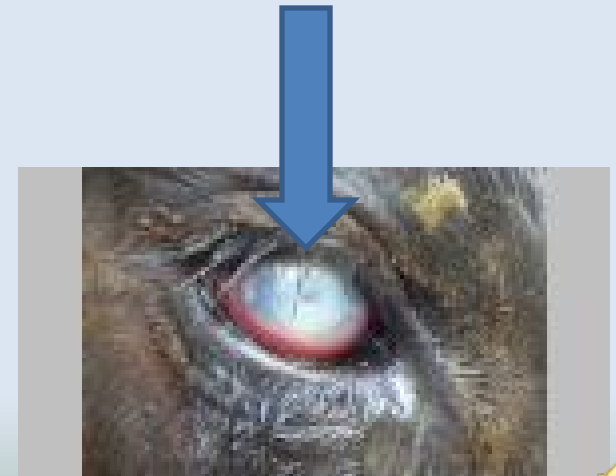


<http://cdrf.org/2016/01/06/5000/>

- Does not bite livestock
- Feeds on sweat and discharge from mucous membranes
- Large impact on transmission of pink eye in cattle



<http://www.forestryimages.org/browse/detail.cfm?imgnum=1435218>



http://www.merckvetmanual.com/mvm/eye_and_ear/infectious_keratconjunctivitis/overview_of_infectious_keratoconjunctivitis.html





<http://www.stockadebrands.com/articles/all/protect-your-investment-with-horn-fly-control/>

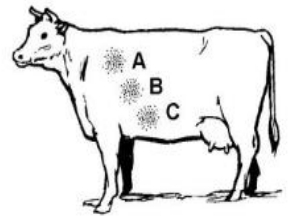
- Weight loss
- Low milk production
- Infectious disease



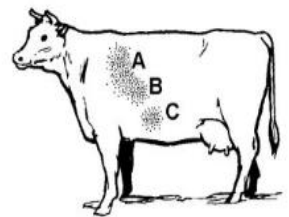
= Low sales and profitability

Use the following criteria to estimate fly numbers:

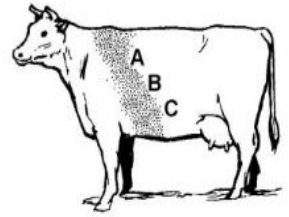
1. A single small patch of flies = 25 to 50 flies. The patch is located in area A, B or C.



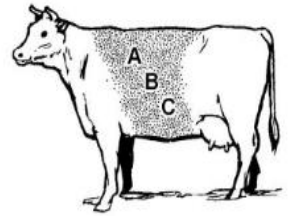
2. A single patch of flies that covers areas A and B, or B and C = 100 to 125 flies.



3. A patch of flies that extends through areas A, B and C = 200 to 350 flies.



4. A patch of flies that extensively covers areas A, B and C = 500+ flies.



http://edis.ifas.ufl.edu/LyraEDISServlet?command=getImageDetail&image_soid=FIGURE%206&document_soid=IN952&document_version=88195

WHAT CAN WE DO?



Eliminator Ear Tags[®]

- Use in Veal, Dairy and Beef Cattle
- Controls Horn flies
- Reduces the number of Face flies
- Contains : Cypermethrin 6%, Diazinon 11%
- Easy Application



Vétoquinol

- In Business for over 80 years
- Company is owned by France
- Vétoquinol has plants in Quebec and Ontario
- Over \$ 50,000,000 in North American sales last year



LET'S FIGHT THE BITE !



Eliminator Ear Tags[®] <http://www.vetoquinolusa.com/>



Other References

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