

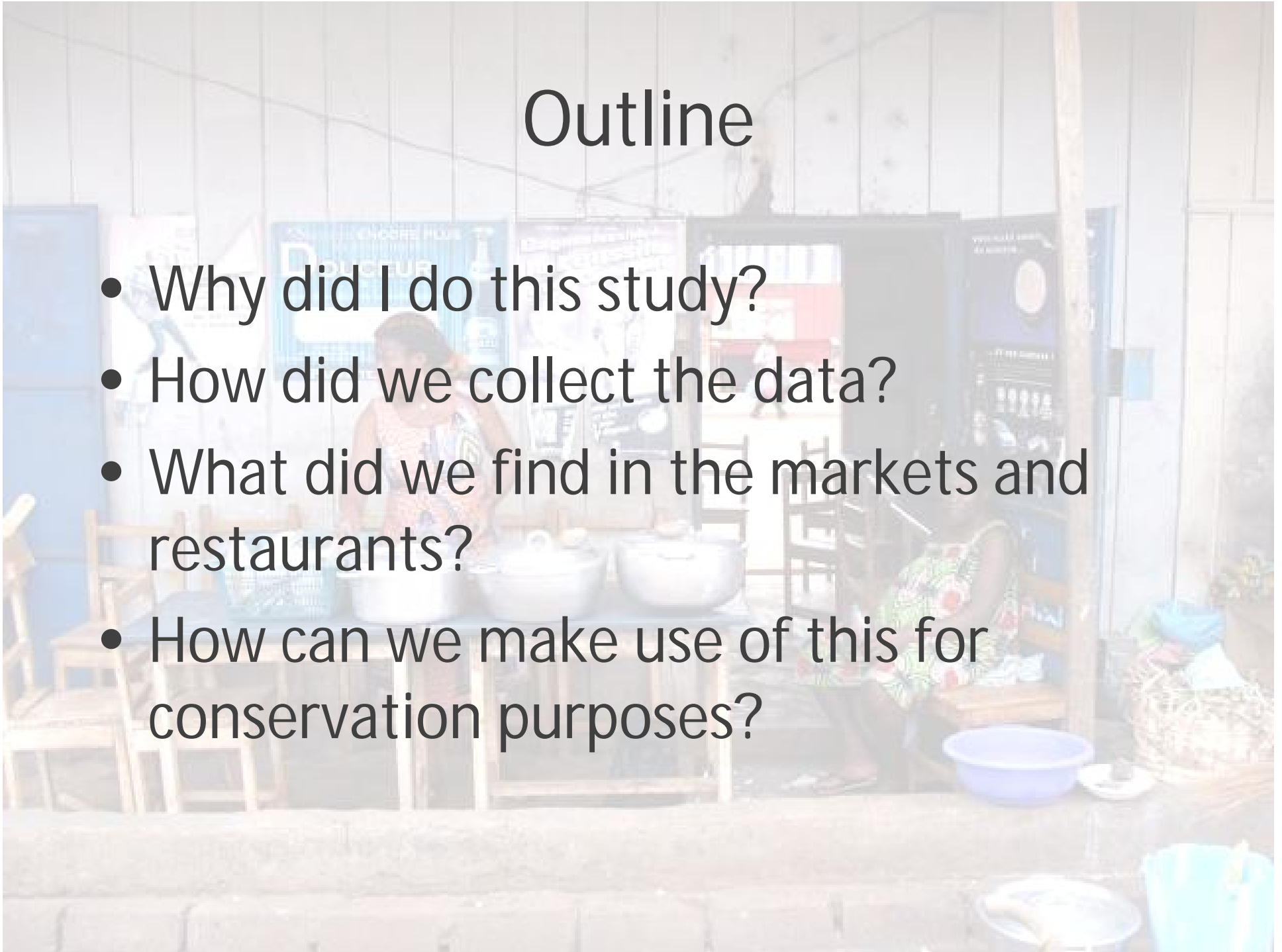
Wild Meat on the Menu



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march 31, 2010

Outline

- Why did I do this study?
- How did we collect the data?
- What did we find in the markets and restaurants?
- How can we make use of this for conservation purposes?



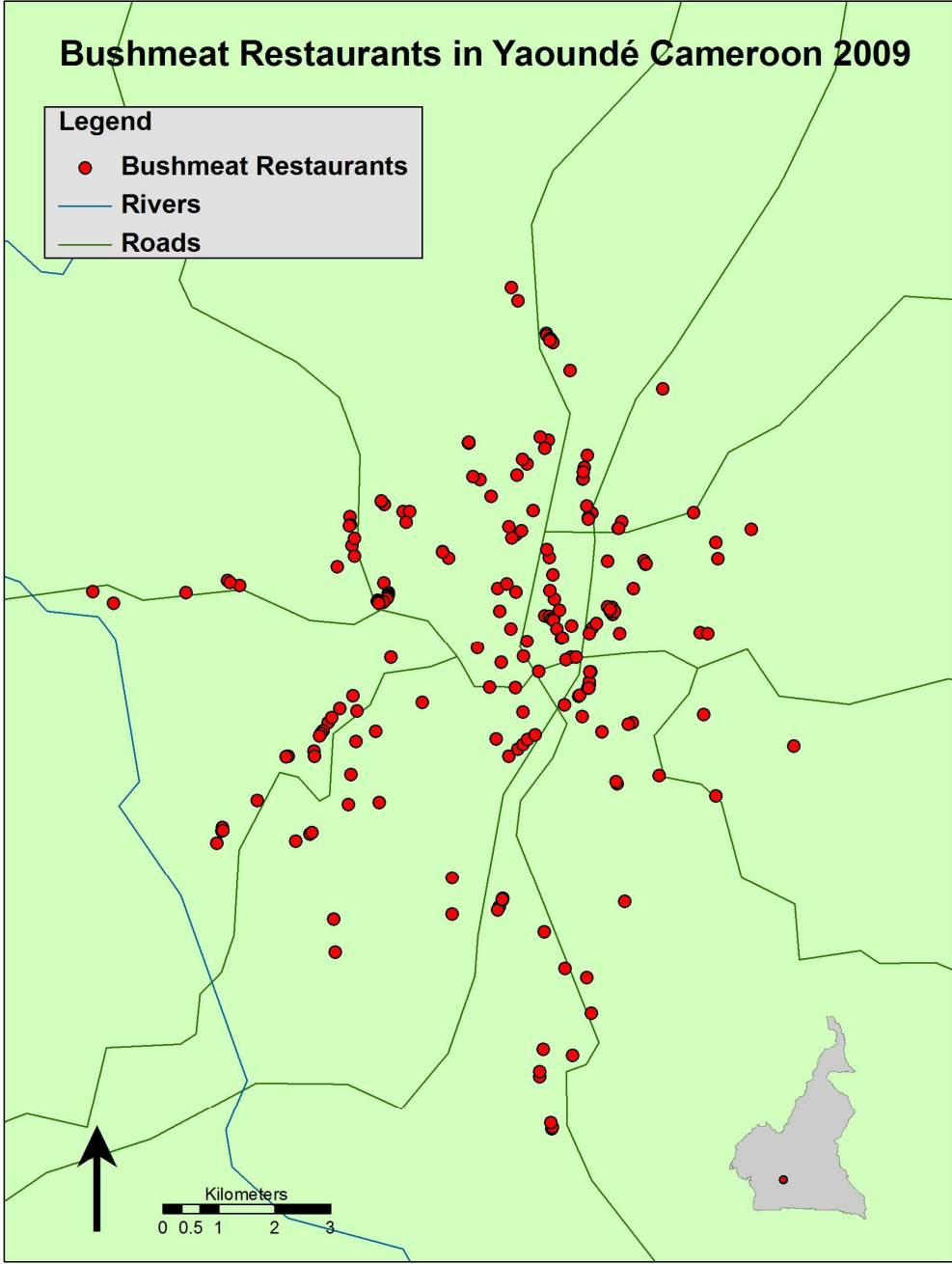
How to Measure Urban Wild Meat Demand?

- Map 185 eating establishments and major markets; track sources of meat to an urban center
- Internal and independent informants collect 3000 weekly client and sales observations over 12 months in major urban wild meat markets
- Conduct 150 in-depth interviews with restaurant clients in representative sample of restaurants

Bushmeat Restaurants in Yaoundé Cameroon 2009

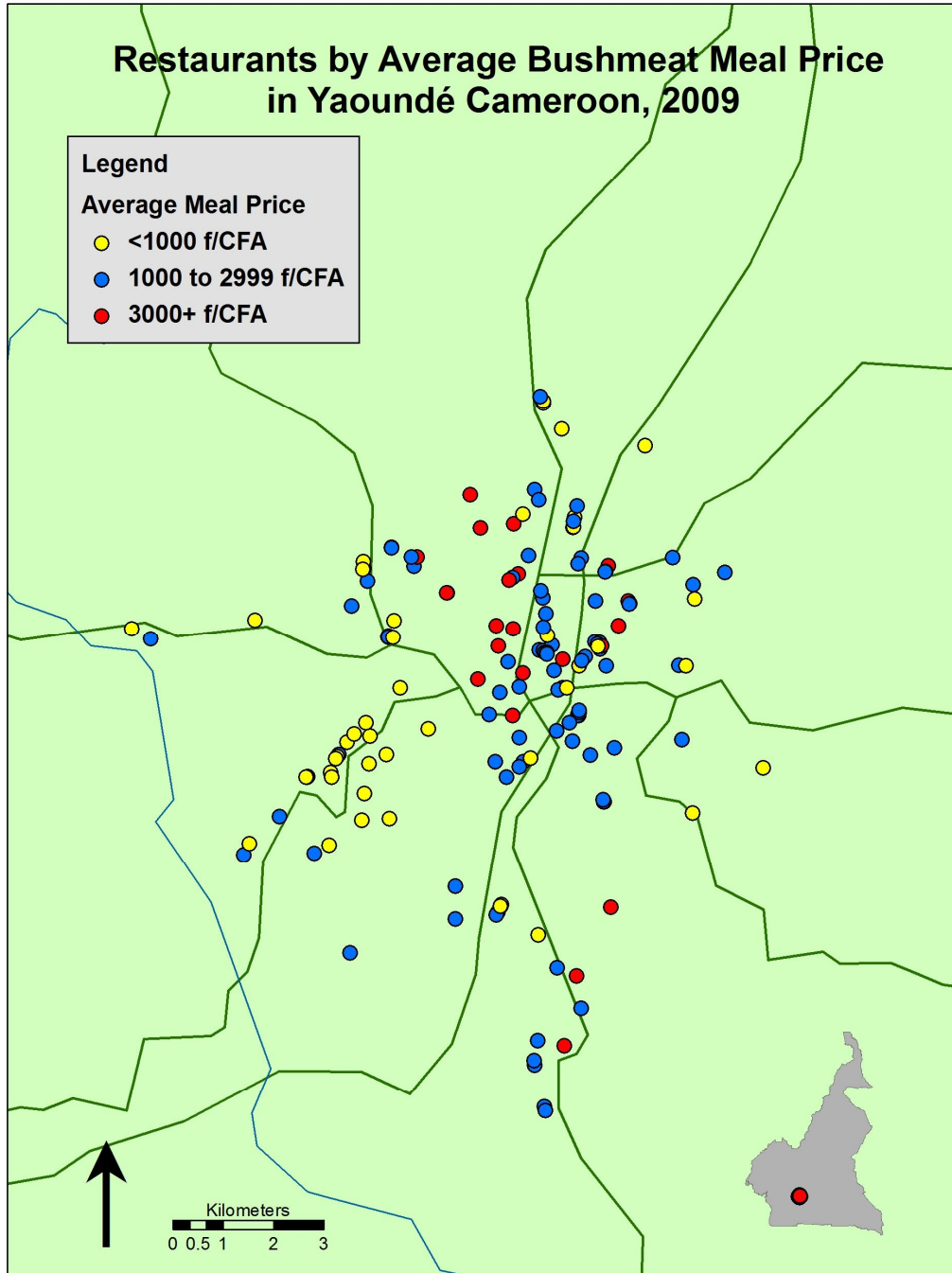
Legend

- Bushmeat Restaurants
- Rivers
- Roads



Restaurants by Average Bushmeat Meal Price in Yaoundé Cameroon, 2009

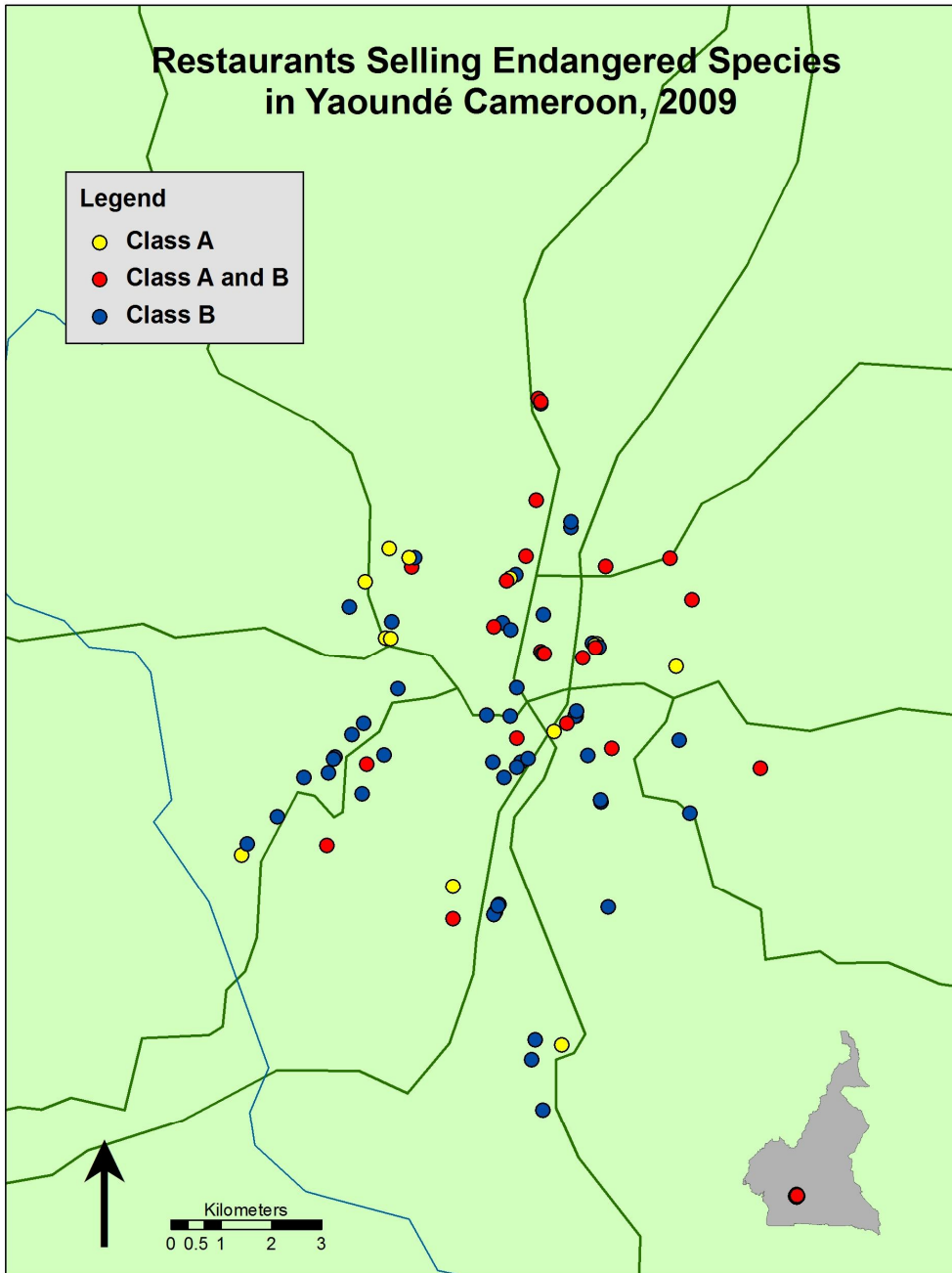
- Legend**
- Average Meal Price**
- <1000 f/CFA
 - 1000 to 2999 f/CFA
 - 3000+ f/CFA



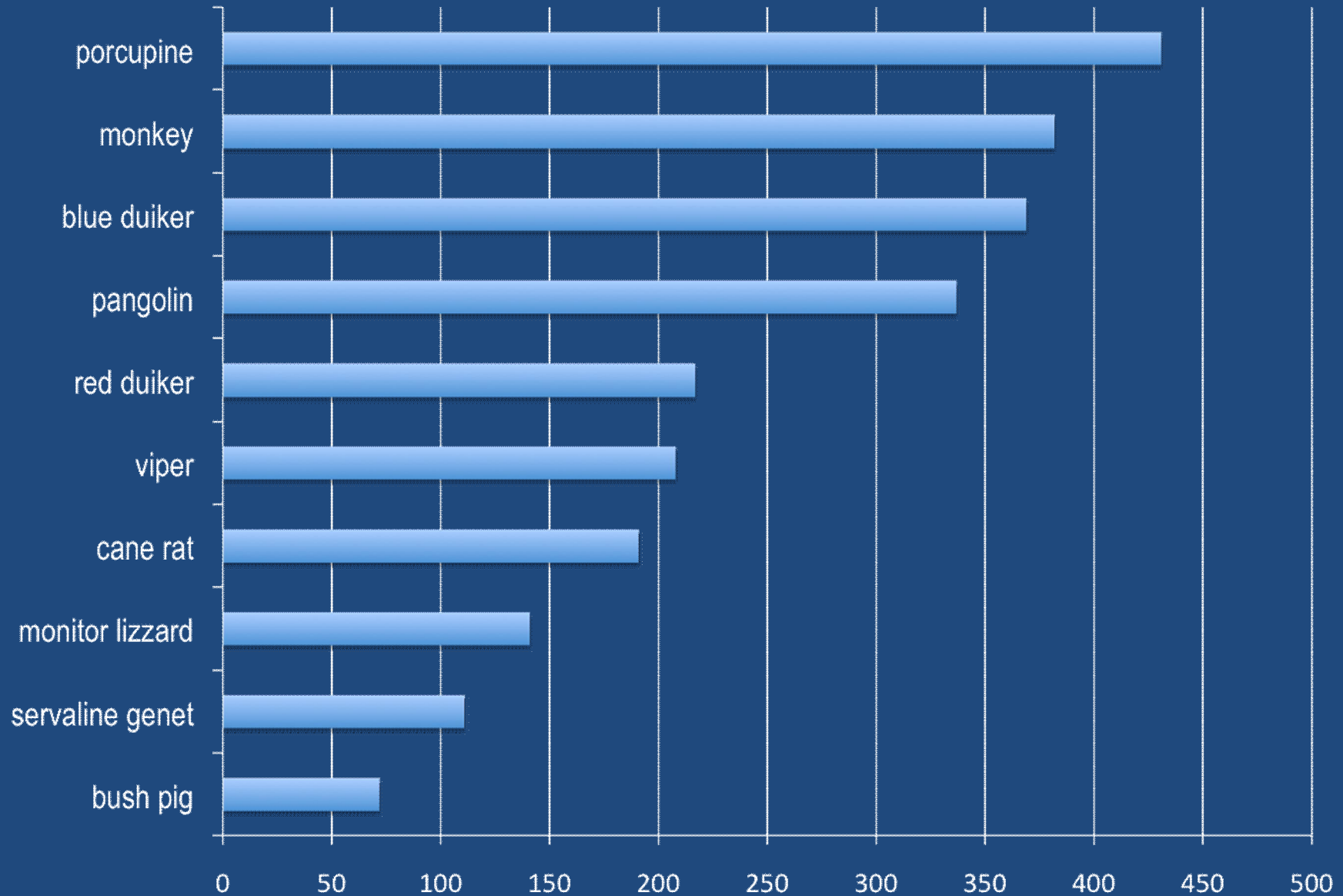
Restaurants Selling Endangered Species in Yaoundé Cameroon, 2009

Legend

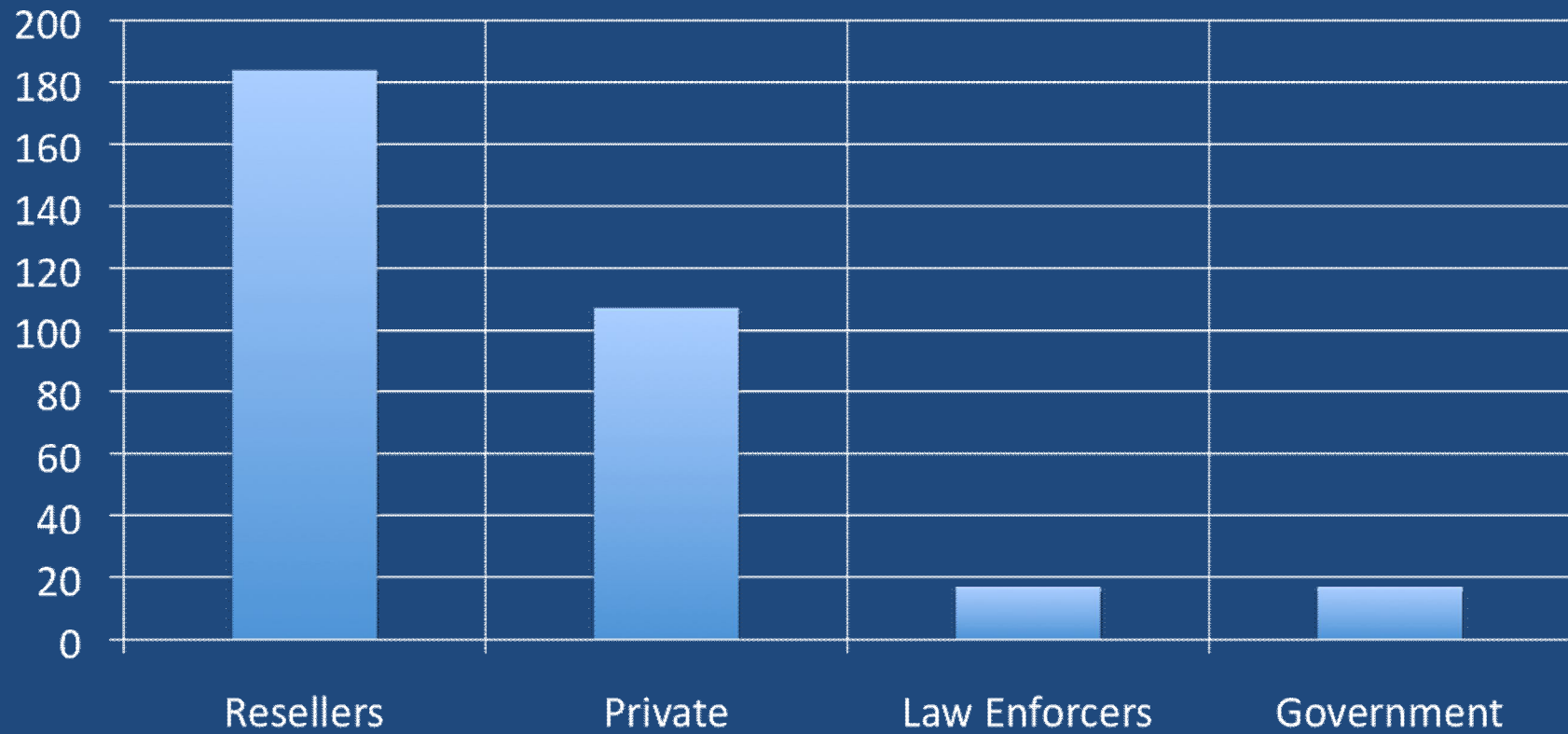
- Class A
- Class A and B
- Class B



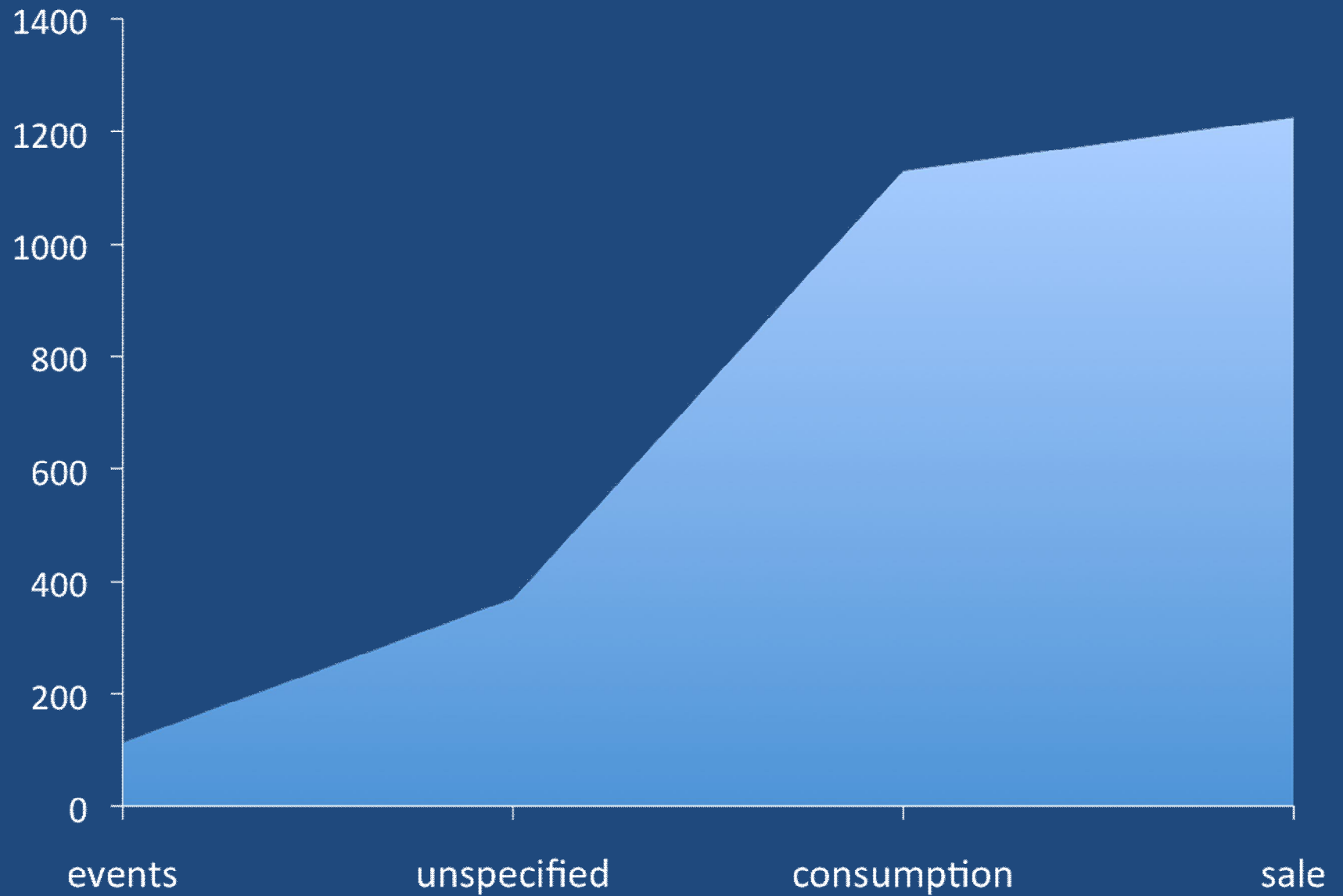
Top Ten Animals Reported Sold in 2009



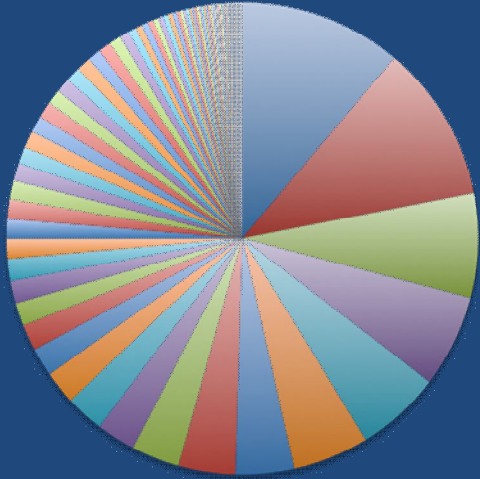
Buyers of Class A and B Species



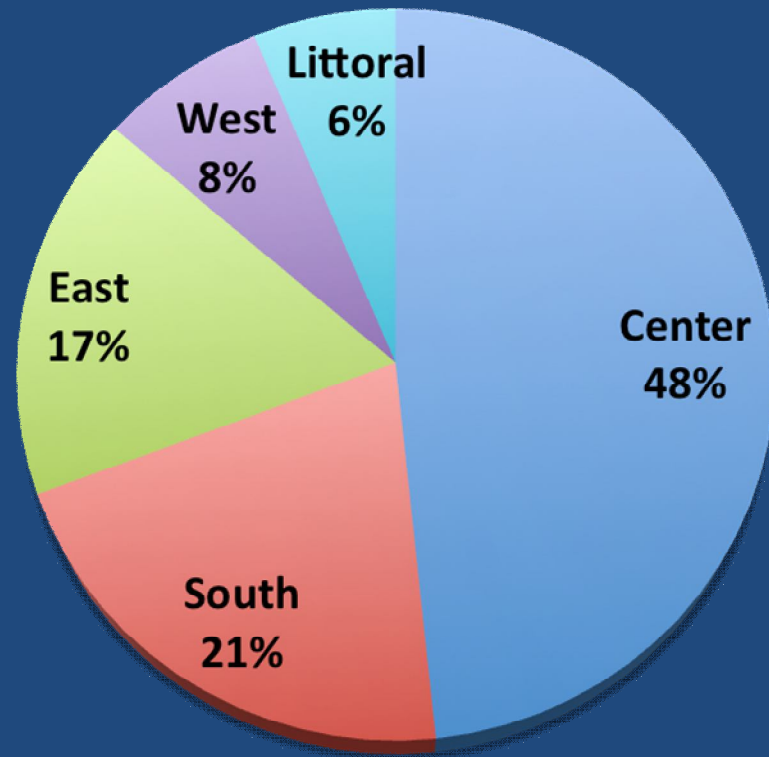
Uses of Market Animals



Market Client 90 Ethnic Groups



Market Client Ethnic Groups by Region



Observations

- Markets are not the primary Class A species issue *but this should not indicate that networks aren't based in these markets.*
- Yaounde bushmeat restaurants have increased by 33% since 2000.
- Complicity of law enforcers calls for *independent monitoring* of law enforcement.
- Increased but weak law enforcement paired with improved telecommunications results in viral like growth of wildlife trade.

Recommendations to Reduce Illegal Urban Trade

- *Work with Government:*

- Amend wild meat collection permitting law to incentivize Class C species traders into regulated realm:
 - 125,000 f/CFA for Class C species
 - 250,000 f/CFA for Class B and C species
- Issue permits with unique seal to discourage illegal permitting beyond quotas.
- Conduct 10 strategic, randomly-timed market and restaurant raids aimed to prosecute illegal Class A and B trade and unpermitted Class C trade.
- Institute incentives program to award law enforcers bringing wildlife offenses to prosecution.
- Initiate three strikes penalties rule for businesses (e.g. CAMRAIL, bus agencies) transporting wildlife parts and meat.

Recommendations to Reduce Illegal Urban Trade

- *Outsource:*

- Establish nodes in urban areas to inform about illegal large-scale traders and Class A in particular.
- Conduct long-term monthly independent monitoring of urban trade through informants and anonymous leads.
- Support already successful, independent private investigations of Class A species meat, live animal and trophy trade.

Recommendations to Reduce Illegal Urban Trade

- *Employ Business strategies:*
 - Place billboards and posters in public places of each Class A animal and legal consequences of selling these.
 - Establish and advertise an anonymous hotline to report information regarding illegal or corrupt trade/related wildlife law enforcement.
 - Pair promotional give-away program at city entrances with discreet private car monitoring and prosecution program.

Recommendations to Reduce Illegal Urban Trade

- *Fund Research:*

Support Cameroonian and international student research in business, social and natural sciences to:

- Test DNA of meat in markets to accurately identify animals sold and compare to stated meat sold
- Study non-consumptive and non-economic uses of rare animals for political or social gain
(Political Science student at U Yaounde I currently undertaking this study)

A photograph of an office environment. In the foreground, a woman with her hair in a bun is seated at a desk, looking towards the right. Behind her, three men are seated at a long wooden table. One man in a light blue shirt is looking at a laptop, another in a light blue shirt is looking towards the right, and a third in a light pink shirt is looking down at papers. The room has a map of Africa on the wall, several posters, and a window with a grid pattern. The text is overlaid on the image in a dark, sans-serif font.

Thank you to my research assistants, welcoming market informants, Cameroonian experts, NSF and Fulbright.