

# ANTH 42

Asian colobines: Langurs and the ? evolution? of infanticide

# Quiz clock

Minutes remaining: **ONE**

30 sec ...

5 4 3 2



(Natal coats signaling 'special privileges' makes sense but it's the flamboyance of the signal that's puzzling.)      Proboscis monkeys (*Nasalis larvatus*) and silvered leaf monkeys (*Trachypithecus cristatus*)

BBC Cousins: Monkeys



Watch closely when they travel. What unusual behavior do you see? Also, notice the male's penis.      Douc langur (*Pygathrix nemaeus*)      [Semi-brachiation]      [White-on-black erect signal]      BBC Cousins: Monkeys



Golden monkey (*Pygathrix (Rhinopithecus) roxellana*)

Listen. What do you hear?  
[Highly vocal, with lots variety.]

[*R. bieti*, ≈8% monogamous, most OMUs with 4-5 females, ~ 5% MM/FF. All these embedded in bands of 50 - 300. Infanticide occurs.

[1st generation Chinese field primatologists: > 30 papers on *roxellana* in last few years]

BBC Cousins: *Monkeys*

For a change – an entire movie.

Hanuman or grey langurs – *Semnopithecus (Presbytis) entellus*.

My dissertation ...



*Semnopithecus (Presbytis) entellus*, Mt. Abu and Ranthambhore Tiger Sanctuary (both in Rajasthan)

*Hanuman langurs: Monkeys of India*

## Infanticide: set the stage

Goal:

Understand

- background for the research on langur infanticide, to place in important human context
- the behavior: what they do and proposed explanation
- extraordinary response to
  - idea of genetic basis to such a behavior in any primate
  - notion relevant to human behavior

Kitty Genovese (1935 - 1964)

"I didn't want to get involved."

"For more than half an hour thirty-eight respectable, law-abiding citizens in Queens watched a killer stalk and stab a woman in three separate attacks in Kew Gardens."

Turns out to have been false, nobody saw whole incident. Only two were ever aware that a knife was involved.



Kitty Genovese (1935 - 1964)

Though greatly exaggerated, story resonated with feelings that cities were becoming impersonal and dangerous.

Crowding and social pathology

Urban crime, street gangs, violence

John Calhoun - "rat barrel" experiments

