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The Human and Animal Bond



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...[people] are happier and live longer in the regular presence of animals...There is calming among the bereaved, improved self-esteem among the elderly, increased longevity, improved emotional states...

(Kahn, 1997)

Theoretical Constructs

✓ Biophilia

- ✓ 'The connections that human's sub-consciously seek with the rest of life'

(E.O. Wilson, 1984)

✓ Social Support

- ✓ Direct Effects
- ✓ Buffering

(C. Wilson and D. Turner, 1998)

Disasters: Evacuation Failure

- ✓ Risks of household non-evacuation.
 - ✓ Related to multi-pet households (Heath et al., 2001a)
- ✓ Risks of pet non-evacuation.
 - ✓ Related to low 'attachment' scores (Heath et al., 2001b)

Shaping the Human/Animal Bond

- ✓ Economic Values
- ✓ Psychological Factors
- ✓ Social/Cultural Values



Economic Values

✓ Measuring Poverty Impacts

✓ High Income Variability



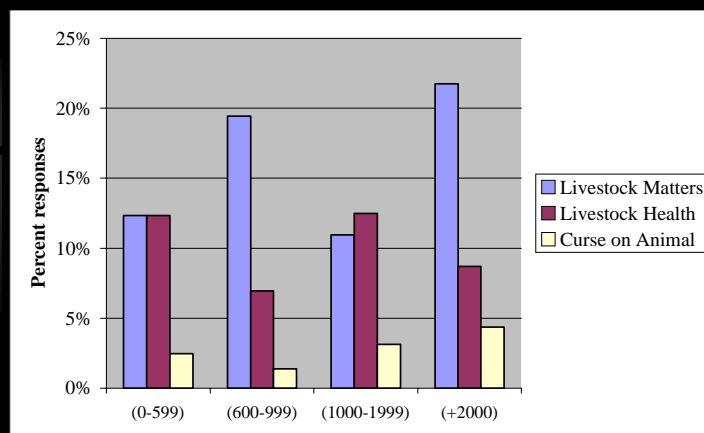
Livelihood Combinations (Bolivia)

Production System	Livelihoods	US\$/person/month
Peri-Urban	Livestock, Cropping, Employment	33
Rural	Livestock, Cropping, Casual Labour	9
Urban	Livestock, Clothes Washer, Petty Trade	29

Proportional Income (India)

Income Class	1 <1000	2 1001-3000	3 3001-5000	4 5001-10000	5 >10000
Urban	25%	31%	38%	45%	57%
Peri-Urban	19%	28%	33%	33%	1.4%
Rural	18%	26%	34%	39%	0%

Visits to the Yatiri (Bolivia)



Motives for Livestock-Keeping

1st Rank	India (n=2655)	Bolivia (n=1462)	Kenya (n=891)
Income	61%	36%	55%
Food Security	14%	40%	15%
Tradition/Social	12%	5%	10%
Hobby/Enjoyment	12%	11%	10%
Lack of Opportunities	0%	8%	3%
Encouraged by others	0%	0%	8%

Social Value

- ✓ Accumulation
- ✓ Ceremonial
- ✓ Protection



Social Value Indices

- ✓ Accumulation: [no of wealth/status responses /total reasons for livestock-keeping]
- ✓ Ceremonial: [no. of ceremonial responses/total reasons for livestock-keeping]
- ✓ Protection: [no. of reports of social protection/total reasons for livestock-keeping]

What Value Trumps?

- ✓ Restocking Projects
 - ✓ Post disaster
 - ✓ Means of supporting traditional livelihoods
 - ✓ Respond to notions of the social value of Livestock



Restocking

- ✓ Success Rate:
 - ✓ Lowest among Pastoralists
 - ✓ Animals often Sold or slaughtered
 - ✓ Households remained in settlements

Views of the Future

...I would like to be a business man, to keep a shop, to have a good shamba to keep an upgraded cow, I will be busy and have no time to go here and there (Pokot, Man).

...I would like to have a shop, a shamba, a permanent house, to have utensils and ...a high standard of living and to have animals (Pokot, Woman).

Desires for Children

Theme	% Response (n=72)
Education and Employment	52
Some Educated, Some Livestock Orientated	19
Modern and Better-life	9
Pastoralism	6
Livestock Keepers	5

Cultural Change: Northern Kenya

- ✓ Pastoralism will be ruined because people are educated and changing their lives and engaging in other things (Pokot Woman).
- ✓ It [pastoralism] will continue because even if more children go to school they will learn more about livestock disease. Even though they get employment, they can employ people to handle their animals and pay them (Tugen Woman).

Conclusions

- ✓ Rubric of Human Behaviour
- ✓ Issues can't be looked at in isolation
- ✓ Informing Development Praxis

