Percent of wildlife species hunted unsustainably at sites in the world's tropical forests (1)

50%
30%
31%
100%
43%
70%

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WHY IS EATING BUSHMEAT A BIODIVERSITY CRISIS?

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eforestation still threatens habitat in tropical forests. But when the equivalent of 4 million cattle in wildlife—many of which are endangered species—are hunted and eaten each year in Central Africa alone, tropical forests throughout the world face a more immediate threat, known as the "empty forest syndrome." It turns out we can "defauna" a forest quicker than we can "deforest" it.

Tropical forests, in contrast to tropical savannas, are particularly susceptible to over-hunting because they support less wildlife—by at least an order of magnitude. Hunting intensity is increasing as demand for meat increases with human population, as new, more lethal hunting technologies such as wire snares and firearms are widely adopted, and as logging roads and vehicles open once isolated forests and significantly reduce hunters' and traders' transportation costs. The commercial trade in bushmeat has become a multimillion dollar business.

Hunters consider all wildlife fair game; and they prefer large animals such as apes, elephants and large



Eating meat. People eat as much meat in Central

Africa as in the U.S. or U.K. In Central Africa,

antelope because they generate the highest returns on investment. When large animals become scarce, hunting pressure on the system may not relinquish if smaller animals are sufficiently abundant to keep hunting economically viable. And whenever they can, hunters will still take the more profitable large animals, regardless of their scarcity.

This is unsustainable. As hunting pressure increases in a given area, hunters will hunt smaller and smaller animals as large animals become depleted and in many cases extirpated. In marine systems, conservationists have warned that we are fishing down the food chain. In tropical forests, we face an analgous threat—hunting down the body size. Conservation initiatives range from working with logging companies to close unused roads and to restrict access, to working with national governments and interna-

tional agencies to make commercial hunting illegal while allowing less vulnerable species to be hunted for local consumption.

For more information visit the Bushmeat Crisis Task Force web site at www.bushmeat.org



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