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The militarization of anti-poaching: Undermining long term goals?

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Introduction

The illegal wildlife trade has become increasingly sophisticated and poaching of wildlife, including elephants and rhinoceros, is rising (Burn et al. 2011; Biggs et al. 2013; Wittemyer et al. 2014). The London Declaration, signed in February 2014 by 46 countries, calls for four basic actions to tackle the problem: eradicating markets for illegal wildlife products; ensuring effective legal frameworks and deterrents; strengthening law enforcement; and promoting sustainable livelihoods and development. It backs these with a £10 million fund from the UK Government. The Declaration proposes a broad palette of action, but that breadth is threatened by growing calls for stronger armed responses to poaching from a wide range of conservation NGOs (including leading international organisations) and national governments (including the US Government, Duffy, forthcoming 2015; White, 2014). We argue that these calls could be counter-productive because they are founded on limited knowledge about poverty and poaching, inadequately address rising wealth in user markets (Ayling, 2013; Roe et al, 2014), make oversimplified claims that trafficking is funding terrorism (White, 2014), and do not adequately consider demand reduction strategies.

The shifting drivers of poaching

Poaching is changing because of changing patterns of wealth in demand countries, the dynamics of poverty in supply countries and the interplay between them. In debates about the relationships between poverty, poaching and conservation, there is an underlying assumption that the poor poach to raise their income in situations where they have limited alternatives (Roe 2008). Poaching cannot be understood merely as a response to material deprivation. It is also driven by prestige, identity and custom (MacDonald 2004). Attempts to combat poaching through

livelihood enhancement that do not engage with these realities will founder (Alexander and McGregor 2000). If we say that poverty drives poaching, we must recognise too that poverty is multi-dimensional, encompassing lack of power, prestige, voice, and an inability to shape one's future (Sen 1999; Hulme, 2010).

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Recent increases in poaching are more closely related to increases in wealth in demand countries. rather than poverty in supply countries. Recent reports from CITES and TRAFFIC-ASIA suggest that new drivers of the illegal wildlife trade are part of a shift from traditional culture-related consumption to new forms of conspicuous consumption driven by rising incomes. In the 1980s and 1990s key markets for rhino horn were Taiwan, Yemen, and to a lesser extent, China. Rhino horn was primarily used in Traditional Chinese Medicine (TCM) as a cardio-tonic and blood thinner (rather like aspirin in Western medicine) and as jambiyya dagger handles in Yemen (a marker of status). The market for horn in Yemen has reduced because of economic decline there, and following a national ban Taiwan is no longer significant (Ayling, 2013; Milliken and Shaw, 2012). Now, the rising markets are in Vietnam and China: as wealth increases a greater number of people can afford to purchase products that contain rhino horn. However, this only provides part of the explanation. Certainly in Vietnam, increased demand is also linked to new patterns of consumption and groups of consumers. Prior to 2006 use of rhino horn in Vietnam was limited. However, demand increased following the comments of a prominent politician who thought it alleviated his cancer (Rademeyer, 2013: 275). The price of rhino horn in Vietnam in 2013 was US\$65,000 per kilogram, and sometimes US\$ 75,000 (Ayling, 2013: 60). Rhino horn also began to be used as a form of conspicuous consumption as a 'party drink' that did not result in a hangover and was thought to fortify male strength. Although never originally an aphrodisiac

(which was a Western myth), that myth has now gone full circle and Vietnamese consumers now refer to it in these terms (Rademeyer, 2013: 274-276). In late 2014 the Humane Society International claimed that consumption of rhino horn had reduced by 33% partly as a result of their campaigns, however this was based on a small study and Vietnam remains the biggest market for rhino horn (Humane Society International, 2014). Clearly then, the demand in Vietnam blends rising incomes, historical health practices, emerging cultural norms, conspicuous consumption as well as state level corruption (Litchfield 2013; Milliken and Shaw, 2012; Ayling, 2013).

Anti-poaching as a global security initiative

Appropriate policy responses to these threats may be impeded by the ways that poaching is linked to issues of global security. A good example is the link drawn between poaching and Al Shabaab which can be traced back to a single investigation by the Elephant Action League (Kalron & Crosta 2012; also see White, 2014). Posted on their website in 2012, their report was only picked up by international media after the attacks on Nairobi's Westgate Mall in 2013. Since then, claims linking Al Shabaab to wildlife trafficking have been made in diverse fora including testimonial to the US Senate Committee on Foreign Relations (US Senate Committee on Foreign Relations 2012), the UK's Chatham House (Lawson & Vines 2014), meetings of the International Conservation Caucus Foundation (Barron 2013) and media reports (Doshi 2014). More broadly Hilary Clinton (US Secretary of State, 2009-2013) and Barack Obama (US President, 2009-present) have made public statements drawing links between wildlife trafficking, poaching and global security (Goldenberg 2013; The White House 2013). The idea that ivory poaching funds terrorism thus circulates in high political circles, but it does so on a paucity of

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clear evidence and using simplifications of a complex political economy of poaching. Somali groups have long been identified as a possible source of ivory poaching in Kenya, while at the same time poaching activities have also been linked to corruption within the Kenyan Government itself (Leakey & Morell 2002). These simplifications matter because where militias and insurgent groups are involved in ivory poaching, it is only part of a wider military strategy – and hence so must counter-poaching strategies. Poaching has been used as a financial underpinning for conflicts across Sub-Saharan Africa, including Uganda in the 1970s and 1980s, Angola and Mozambique in the 1980s, the Great Lakes region since 1996, and the Central African Republic and its neighbours more recently (Humphreys and Smith, 2011; Ellis, 1994). Solutions to poaching must engage with issues of broader regional stability and the wider political context (Milburn, 2012; Lunstrum, 2014). There are also serious ethical concerns. More forceful actions against poaching can lead to injustices (Neumann 2004) - an important omission in Challender and MacMillan's (2014) review of poaching and policy responses, which does not focus on how more aggressive approaches to enforcement are made possible by policy debates. Shoot-to-kill policies are legal in some states (e.g. Botswana and Uganda), contrary to the principles of the Conservation Initiative on Human Rights (CIHR) to which many in the conservation community aspire (IIED, 2015).

Undermining long term goals

Strong and forceful approaches to conservation can work (Brockington 2002). Specifically, there is evidence that greater levels of patrolling reduced poaching in the Serengeti (Hilborn et al. 2006). However, the same authors are clear that their analyses do not provide evidence that better armed rangers, or greater use of force, would be more effective. Instead, militarized approaches can escalate conflict between rangers and poachers, and lead to the alienation of local communities.

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Arresting more poachers does not always stop criminal syndicates. In South Africa rhino poaching continued to rise despite increased arrests (Standley & Emslie 2013; Milliken and Shaw 2012; Rademeyer, 2012). Where poaching is the consequence of organized criminal networks and global commodity chains, tackling just one end of the chain will have limited impact (Duffy et al. 2013; Rademeyer, 2012). We need to be cognizant of the fact that the illegal wildlife trade is not a singular phenomenon that requires a one-size-fits-all strategy to tackle it. Illegal hunting and wildlife trading play a central role in the subsistence strategies of many communities around the world (Roe et al, 2014). The strategies for tackling subsistence hunting need to be quite different to those for commercial scale poaching of high value products. Other approaches seek to reduce demand in end-user markets (Zain, 2012) as an effective strategy. There are arguments in favour of formal legalisation and monitoring of wildlife trades (e.g. of rhino horn, Biggs et al, 2013) but these do not adequately address important considerations of the relative roles of wealth, poverty and inequality. Clearly, different trades might require very different policy responses according to species, place of origin, trade and transit route and profile of demand.

Conclusion

The breadth of the London Declaration is welcome. A key issue is what sort of impact it makes on policy and practice, based on what sort of understandings of the problem. Important measures of success will include the long-term solutions that it fosters, and the extent to which it tackles poaching within the broader political, social and economic context of which it is part. Efforts to reduce poaching need to engage with the broader political economy of the wildlife trade – notably how wealth (rather than poverty) drives demand and structures markets and trade. Reducing demand from consumers needs a complex combination of carefully designed awareness campaigns, leadership from involved actors, as well as systems of incentives and penalties. On previous experience this will require commitments over several decades from all stakeholders, not just more enforcement in supply countries.

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