

Rusty-spotted Cat (*Prionailurus rubiginosus*)

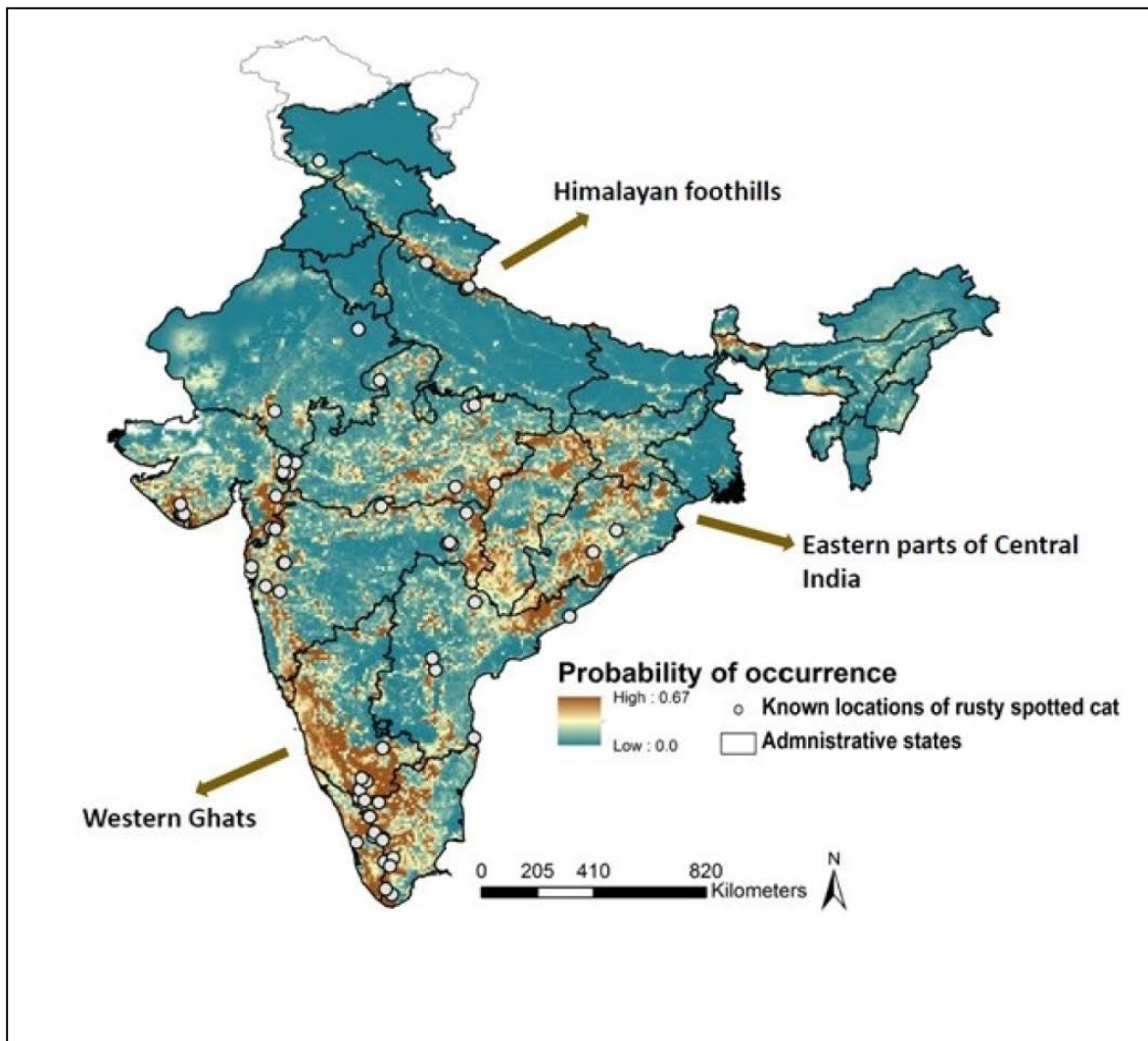


Figure 1: Spatial distribution of prime habitat of Rusty-spotted Cat in India.

Figure 1 depicts a summary of an analysis of Rusty-spotted Cat habitat (Silva *et al.* 2015). The summary is a consensus of four models (GLM, GAM, GBM and MAXENT) incorporating land cover, bioclimatic variables and disturbance measures (n = 61 location points). Land cover was the most important factor in determining suitability.

The most suitable sites for Rusty-spotted Cat in three broad zones in India were:

- 1) Western Ghats - Southern India
- 2) Eastern-Central India
- 3) Along Himalayan foothills

These sites also correspond with regions showing relatively low forest fragmentation according to landuse and fragmentation maps produced by the Indian Institute of Remote Sensing and Indian Space Research Organisation (Roy *et al.* 2012).

References

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Silva, A.P., Björklund, M., Fernandes, C. and Mukherjee, S. 2015. Mapping the occurrence of small cats in India: co-occurrence in *Prionailurus* spp. In: G. Daniel, C. Beierkuhnlein, S. Holzheu, B. Thies, K. Faller, R. Gillespie and J. Hortal (eds), *Frontiers of Biogeography*. International Biogeography Society – 7th Biennial Meeting, pp. 167: Bayreuth, Germany. Available from: <http://escholarship.org/uc/item/5kk8703h>.