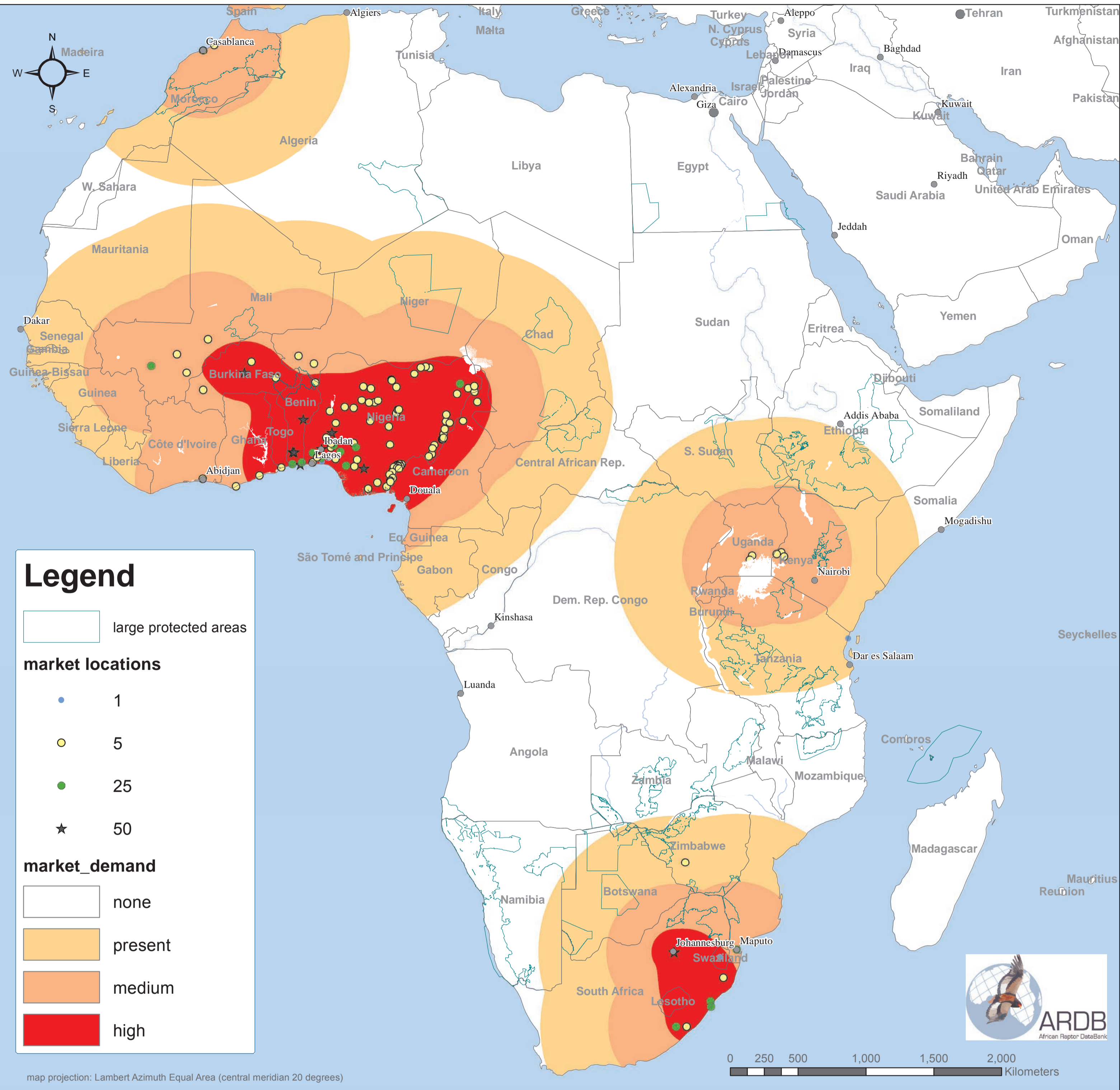


threat map: traditional medicine market



Legend

- large protected areas
- market locations
 - 1
 - 5
 - 25
 - 50
- market_demand
 - none
 - present
 - medium
 - high

map projection: Lambert Azimuth Equal Area (central meridian 20 degrees)



0 250 500 1,000 1,500 2,000 Kilometers



METHODS:
 We digitized and georeferenced the locations of 125 traditional medicine markets. Lou Luddington assisted with this work. These were mainly in West & Central Africa provided by Buij et al. (2016) but we supplemented these with several known locations for Southern and Eastern Africa from Williams et al. (2014), McKean et al. (2013) and other sources (Ogada, Thomsett, Monadjem, Pomeroy, Baker & Baker in litt.). We also tabulated information on the size of these markets. We do not yet have a systematic way of measuring this but we looked at the number of stalls with vulture products and the number of vultures traded over time periods (McKean et al. 2013). We classed markets as non-trading in vulture parts (weighted 1), small (weighted 5), medium (weighted 25) or large (weighted 50) – these weights were roughly based on the frequency histogram of number of stalls with vulture products. We conducted a kernel density analysis across Africa measuring the density of markets within a 500km radius and using the weights as a population field. The resultant dataset was then reclassified into four threat levels: 0 = no threat, 1 = threat present, 2 = medium threat / demand, 3 = high threat / demand.

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