



ARDB 2019. AFRICAN RAPTOR DATABANK:  
a secure, live data observatory for the  
distribution and movements of African raptors.  
Habitat Info Ltd, Solva, UK.  
www.habitatinfo.com/ardb\_observatory/  
02/12/2019: 11:30:56

# 70 Lappet-faced Vulture

*Torgos tracheliotus*

IUCN Status **Endangered**  
IUCN (2019-2)

male mass = 6100 g  
female mass = 6300 g  
mean mass = 6200 g

area requirement (of pair/2.2 individuals) = 126.4 km<sup>2</sup>

from Newton (1979) figure 10:  $area\ km^2 = 0.4 + (0.02 * female\ mass\ g)$   
replaced by direct measurement of field density where we have data

this figure is used for estimating density of breeding individuals and offspring in good habitat  
we assume twice the area requirement in suboptimal habitat  
and half the area requirement in optimal habitat  
breeding population estimates represent theoretical maxima where habitat is saturated  
nest-site limitation and the floating / non-breeding population are not yet fully accounted for

### HABITAT SPACE ANALYSIS

	extent (km <sup>2</sup> )	individuals	pairs
suboptimal 25-50% suitable	4483781	39020	17736
good habitat 50-70% suitable	616652	10733	4879
optimal habitat 70-100% suitable	90122	3137	1426
total habitat 25-100% suitable	5190555	52890	19834

### reporting rate from mobile app survey data

2014 (26724 km) : 0.819498 birds per 100 km  
2015 (87188 km) : 0.260358 birds per 100 km  
2016 (81150 km) : 0.336414 birds per 100 km  
2017 (57721 km) : 0.592508 birds per 100 km  
2018 (19798 km) : 0.373784 birds per 100 km

