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: 13:02:28

440 Mountain Buzzard

Buteo oreophilus oreophilus IUCN Status ***Near Threatened***
IUCN (2019-2)

male mass = 650 g
female mass = 750 g
mean mass = 700 g

area requirement (of pair/2.2 individuals) = 15.4 km2

*from Newton (1979) figure 10: area km2 = 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 (km2)	individuals	pairs
suboptimal 25-50% suitable	264980	18927	8603
good habitat 50-70% suitable	70425	10061	4573
optimal habitat 70-100% suitable	12932	3695	1680
total habitat 25-100% suitable	348337	32683	12256

reporting rate from mobile app survey data

2014 (26724 km) : birds per 100 km
2015 (87188 km) : 0.002294 birds per 100 km
2016 (81150 km) : 0.002465 birds per 100 km
2017 (57721 km) : birds per 100 km
2018 (19798 km) : birds per 100 km