

Table S1

Habitat type	% per year	% of total area	% of area
Savannah-woodland	↑ 0.76	↑ 13	48
Mangroves	↑ 0.83	↑ 14	9
Open canopy forest	↓ 1.17	↓ 15	25
Dense canopy forest		↓ 50	3
Other	-	-	15

Table S2

Survey habitat	Density (builders/km ²)	95% CI ^a (builders/km ²)	%CV ^b
Global ^c	0.50*	0.18-1.39	52.90
Dense canopy forests	1.10*	0.00-2.42	72.21
Open canopy forests	1.09*	0.00-3.62	62.11
Savannah-woodlands	0.00	-	-

^aConfidence interval.

^bCoefficient of variation.

^cAverage nest density weighted by habitat.

*after defining strip transects (DF, s=6m; OF, s=16m; Sav, s =35m).

Table S3

Subspecies	Location	Study site	Estimates of density	Population size	Data source
<i>P.t. verus</i>	Guinea-Bissau	Cantanhez NP	1.94-2.34	33-40	Sousa [1]
		Gadamel	0.90	33	Sousa [2]
		Lagoas de Cufada Natural Park	0.75 (0.27-1.67)	281	Sousa [3]
			0.22 (0.08-0.62)	137	This study (2011 survey)
	Guinea	Nationwide	N/A	1,420-6,625*	Sugiyama and Soumah [4]
		Haut Niger NP	0.87	N/A	Fleury-Brugiere and Brugiere [5]
		Koulako	1.09	N/A	Ham, 1998 <i>in</i> Ganas [6]
		Moyeria	0.90	N/A	Ham, 1998 <i>in</i> Ganas [6]
		Siria	0.26	N/A	Ham, 1998 <i>in</i> Ganas [6]
		Diecke Forest	0.17	N/A	Ham, 1998 <i>in</i> Ganas [6]
	Ivory Coast	Taï NP	0.09-1.7	11,676±1,168	Marchesi et al. [7]
			2.19 (core area)	105	Kouakou et al. [8]
			0.15 (periphery)	7	Kouakou et al. [8]
	Liberia	Sapo Forest	0.24 (0.18-0.77)	240	Anderson et al. [9]
	Mali	Bafing Forest Reserve	0.27	N/A	Pavy 1993 <i>in</i> Fleury-Brugiere and Brugiere [5]
		Faragama	0.30	N/A	Granier and Martinez 2004 <i>in</i> Fleury-Brugiere and Brugiere [5]
		Djakoli	0.39	N/A	Granier and Martinez 2004 <i>in</i> Fleury-Brugiere and Brugiere [5]
	Senegal	Niokolo Koba NP (Mt. Assirik)	0.13	N/A	Pruetz et al. [10]
		Fongoli	0.09	N/A	Pruetz et al. [10]
		Kharakhena	0.08-0.19	34	Boyer [11]
		Koudekouru (Bofeto)	0.04-0.09	34	Boyer [11]
	Sierra Leone	Gola Forest Reserves	0.27 (0.18-0.41)	305 (203-458)	Ganas [6]
<i>P.t. troglodytes</i>	Cameroon	Dja Reserve	0.79 (0.60-1.04)	N/A	Williamson and Usango, 1996 <i>in</i> Morgan et al. [12]
	Central Africa	Nationwide	0.01-0.13	N/A	Carroll 1986 <i>in</i> Blom et al. [13]
		Dzanga-Ndoki NP	0.16	79	Blom et al. [13]
	Congo	Lac Télé Community Reserve	0.70 (0.4-1.3)	N/A	Poulsen and Clark [14]
		Goualougo Triangle	1.53 (1.21-1.93)		Morgan et al. [12]
	Equatorial Guinea	Rio Muni	0.31-1.53	N/A	Jones and Sabater Pi, 1971 <i>in</i> Morgan et al. [12]

<i>P.t. schweinfurthi</i>	Gabon	Belinga	0.32 (0.03-0.49)	64,173±13,000	Tutin and Fernandez [15]
		Petit Loango Reserve	0.78	N/A	Furuichi et al. [16]
	Congo	Kahuzi-Biega	0.40	7,670 (4,180-10,830)	Hall et al. [17]
		Kasese	0.11	3,350 (1,420-5,950)	Hall et al. [17]
		Odzala NP	2.20	N/A	Bermejo [18]
	Tanzania	Malagarasi River to Karema	0.21*	N/A	Kano, 1972 <i>in</i> Hashimoto [19]
		Kwitanga Forest	0.69 (0.31-1.54)	15 (7-34)	Ndimuligo [20]
	Uganda	Kalinzu Forest	2.8 - 4.7	384-644	Hashimoto [19]
		Kibale Forest	1.97	1509	Ghiglieri [21]
		Budongo Forest	1.3 - 2.5	570-1066	Plumptre and Reynolds [22]

*results based on questionnaires

NP- National Park

N/A- Not Available

References for Table S3

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Table S4

Subspecies	Location	Study site	Mean nest life span (days)	Season	Data source
<i>P.t. verus</i>	Guinea-Bissau	<i>Lagoas de Cufada</i> Natural Park	293.9	dry	This study (2010 survey)
	Guinea	Haut Niger	221.0	both	Sugiyama and Soumah [1]
			194.0	both	Fleury-Brugiere and Brugiere [2]
	Ivory Coast	Taï NP	91.2	both	Kouakou et al. [3]
			73.3	both	Marchesi et al. [4]
<i>P.t. troglodytes</i>	Gabon	Belinga	113.6	both	Tutin and Fernandez [5]
		Northeastern Gabon	112.8	N/A	Tutin and Fernandez 1981 <i>in</i> Anderson et al. [6]
	Central Africa	Dzanga-Ndoki NP	50.9	both	Blom et al. [7]
	Congo	Goualougo Triangle	90.0 or 91.5?	both	Morgan et al. [8]
	Gabon	Lope	106.0	both	White, unpublished <i>in</i> Hall et al. [9]
<i>P.t. schweinfurthi</i>	Tanzania	Mahale Mountains NP	131.0	both	Ihobe [10]
		Gombe NP	36.0	N/A	Moyer et al. [11]
		Ugalla Forest	97.0	N/A	Moyer et al. [11]
	Uganda	Budongo Forest	37.2	dry	Plumptre and Reynolds [12]
			54.6	Wet	Plumptre and Reynolds [12]
			45.9	both	Plumptre and Reynolds [12]
		Kibale	111.0	N/A	Ghiglieri [13]

NP- National Park
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References for Table S4

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Figure S1

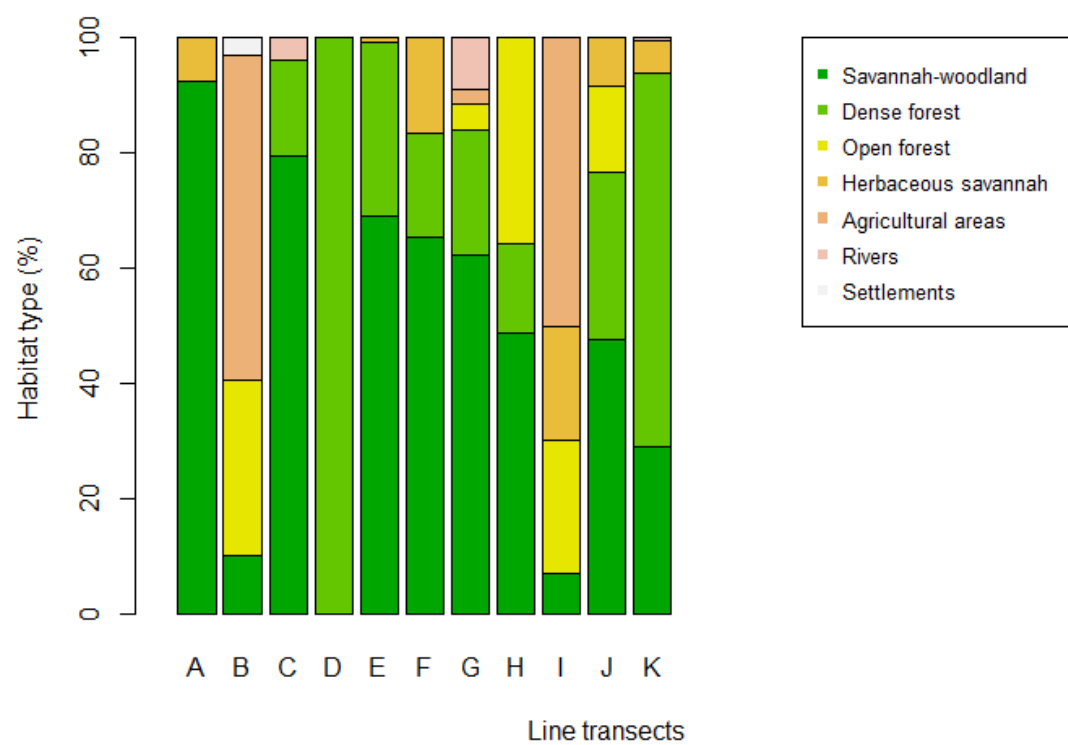


Figure S2

