

----- Original Message -----

Subject:Re: Elephants à Moukalaba-Doudou

Date:Tue, 17 Jun 2014 21:33:30 +0100

From:Kouame Paul Ngoran <PNgoran@wwfcarpo.org>

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CC:David Greer <dgreer@wwfcarpo.org>, Samantha Strindberg <sstrindberg@wcs.org>

Dear all,

Please find below new analyses with dung (classes A-D).

I did not want to over estimate densities, in some cases according to the decay study thresholds of dung considered as decayed (Stage D or stage E), we limit the dung to be used in the analyses accordingly.

All the best,

Paul N.

Effort : 94.67000
samples : 32
Width : 9.000000
Left : 0.0000000
observations: 466

Model 2

Hazard Rate key, $k(y) = 1 - \text{Exp}(-(y/A(1))^{*-A(2)})$

Hermite polynomial adjustments of order(s) : 4

Parameter	Point Estimate	Standard Error	Percent Coef. of Variation	95% Percent Confidence Interval	
D	982.35	125.47	12.77	763.60	1263.8
N	0.39294E+06	50188.	12.77	0.30544E+06	0.50551E+06

Measurement Units

Density: Numbers/Sq. kilometers

ESW: meters

Component Percentages of Var(D)

Detection probability : 50.4

Encounter rate : 49.6