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CORRIGENDUM

Bullock et al. (2017) A synthesis of empirical plant dispersal kernels. *Journal of Ecology*, 105, 6–19. https://doi.org/10.1111/1365-2745.12666

In the paper by Bullock et al. (2017), the authors have discovered errors in some of the probability density functions shown Table 1. The 2Dt, Gamma and Weibull functions need to be corrected. These errors have not affected any other sections of the paper. The authors apologize for any inconvenience caused by these errors.

The following table shows all the correct functions and should replace Table 1 in the original paper.

TABLE 1 The probability density functions (dispersal location kernels, taken from Nathan *et al.* (2012)) fitted to the 168 seed dispersal datasets, along with summaries of the goodness-of-fit to these datasets. Distance (in m) is given by d. Fitted parameters are the scale parameter a and the shape parameter b. Densities were seeds m^{-2}. Γ is the gamma function

		Number of the 168 datasets that have:				
Name	Probability density function	ΔAICc ≤ 4 (best-fit group)	ΔAICc > 4	Not converged	$r^2 > .7$	Median r^2
Log-sech (log-hyperbolic secant)	$H(t) = a_{ij}x^{b_{ij}}$	119	49	0	142	.971
Exponential power	$\frac{b}{2\pi a^2\Gamma(2/b)}\exp\left(-\frac{d^b}{a^b}\right)$	111	57	0	144	.981
Power law	$\frac{(b-2)(b-1)}{2\pi a^2}\left(1+\frac{d}{a}\right)^{-b}$	101	65	2	135	.973
Logistic	$\frac{b}{2\pi a^2\Gamma(2/b)\Gamma(1-(2/b))}\left(1+\frac{d^b}{a^b}\right)^{-1}$	100	68	0	133	.951
2Dt	$\frac{b-1}{\pi a^2}\left(1+\frac{d^2}{a^2}\right)^{-b}$	98	70	0	136	.972
Gamma	$\frac{1}{2\pi a^2\Gamma(b)}\left(\frac{d}{a}\right)^{b-2}\exp\left(-\frac{d}{a}\right)$	98	70	0	135	.974
Inverse Gaussian (WALD)	$\frac{\sqrt{b}}{\sqrt{8\pi^3 d^5}}\exp\left(-\frac{b(d-a)^2}{2a^2 d}\right)$	88	77	0	123	.953
Weibull	$\frac{b}{2\pi a^2}d^{b-2}\exp\left(-\frac{d^b}{a^b}\right)$	77	80	11	101	.829
Exponential	$\frac{1}{2\pi a^2}\exp\left(-\frac{d}{a}\right)$	68	89	11	120	.876
Lognormal	$\frac{1}{(2\pi)^{3/2}bd^2}\exp\left(-\frac{\ln(d/a)^2}{2b^2}\right)$	55	109	4	69	.489
Gaussian	$\frac{1}{\pi a^2}\exp\left(\frac{d^2}{a^2}\right)$	30	101	37	63	.509

REFERENCE

Bullock, J. M., Mallada González, L., Tamme, R., Götzenberger, L., White, S. M., Pärtel, M., & Hooftman, D. A. P. (2017). A synthesis of empirical plant dispersal kernels. *Journal of Ecology*, *105*, 6–19. https://doi.org/10.1111/1365-2745.12666