

Erratum for Benton *et al.* in *Comparing the Geological and Fossil Records: Implications for Biodiversity Studies*. The Geological Society, London, Special Publications, **358**, 63–94.

Assessing the quality of the fossil record: insights from vertebrates

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The authors would like to apologise that some of the values of Table 3 on p. 75 were incorrect in the line beginning: GD (PDE v. PBF). The correct table is provided in full below:

**Table 3.** Correlation of phylogenetically corrected diversity estimate (PDE) for species of pterosaurs (actual records plus ghost ranges), from Butler *et al.* (2009) with number of pterosaur-bearing formations (PBFs) from Butler *et al.* (2009), counted as raw data,  $\log_{10}$  of raw values, to create a normal distribution of the data, and first differences (FD) to detrend the data, and divided by substage duration ( $\delta t$ ) to standardize for time. Comparisons are also made of raw pterosaur counts (TDE) and PDE with dinosaur-bearing collections (DBC) and dinosaur-bearing formations (DBF), as raw data and  $\log_{10}$ -transformed data, both from Butler *et al.* (2011), to approximate a comprehensive FFC

	Pearson's $r$	$P$	Spearman's $\rho$	$P$	Kendall's $\tau$	$P$
PDE v. PBF	0.61	0**	0.56	0**	0.46	0**
$\log_{10}$ (PDE v. PBF)	0.49	0**	0.56	0**	0.46	0**
FD (PDE v. PBF)	0.4	0**	0.34	0**	0.3	0.002**
GD (PDE v. PBF)	0.43	0**	0.51	0**	0.38	0**
FD/ $\delta t$ (PDE v. PBF)	0.97	0**	0.35	0**	0.29	0.002**
TDE v. DBC	0.32	0.113	0.64	0**	0.51	0**
TDE v. DBF	0.49	0.012*	0.54	0.004**	0.41	0.005*
$\log_{10}$ (TDE v. DBC)	0.6	0.001**	0.65	0**	0.48	0.001**
$\log_{10}$ (TDE v. DBF)	0.59	0.002**	0.55	0.004**	0.42	0.004**
PDE v. DBC	0.08	0.699	0.37	0.061	0.31	0.032*
PDE v. DBF	0.2	0.319	0.21	0.314	0.17	0.238
$\log_{10}$ (PDE v. DBC)	0.21	0.313	0.36	0.068	0.31	0.034
$\log_{10}$ (PDE v. DBF)	0.14	0.499	0.2	0.333	0.17	0.246

Probabilities ( $P$ ) for each correlation measure are given, and these are marked as significant ( $P < 0.05^*$ ) and highly significant ( $P < 0.005^{**}$ ).