

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 (δt) 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 ρ	P	Kendall's τ	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/ δt (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 ($P < 0.005^{**}$).