

Author Contributions

Palaeontology and *Papers in Palaeontology* have adopted the CRediT Taxonomy (<https://casrai.org/credit/>) to describe each author's individual contributions. The contributions of all authors must be described, and contributions from non-authors can also be included. The submitting author is responsible for providing the contributions of all authors at submission, and we expect that all authors will have reviewed, discussed, and agreed to their individual contributions prior to this. Contributions will be published with the final article, and they should accurately reflect contributions to the work. Contributor roles are defined as follows:

Contributor Role	Role Definition
Conceptualization	Ideas; formulation or evolution of overarching research goals and aims.
Data Curation	Management activities to annotate (produce metadata), scrub data and maintain research data (including software code, where it is necessary for interpreting the data itself) for initial use and later reuse.
Formal Analysis	Application of statistical, mathematical, computational, or other formal techniques to analyse or synthesize study data.
Funding Acquisition	Acquisition of the financial support for the project leading to this publication.
Investigation	Conducting a research and investigation process, specifically performing the experiments, or data/evidence collection.
Methodology	Development or design of methodology; creation of models
Project Administration	Management and coordination responsibility for the research activity planning and execution.
Resources	Provision of study materials, reagents, materials, patients, laboratory samples, animals, instrumentation, computing resources, or other analysis tools.
Software	Programming, software development; designing computer programs; implementation of the computer code and supporting algorithms; testing of existing code components.
Supervision	Oversight and leadership responsibility for the research activity planning and execution, including mentorship external to the core team.
Validation	Verification, whether as a part of the activity or separate, of the overall replication/reproducibility of results/experiments and other research outputs.
Visualization	Preparation, creation and/or presentation of the published work, specifically visualization/data presentation.

Contributor Role	Role Definition
Writing – Original Draft Preparation	Preparation, creation and/or presentation of the published work, specifically writing the initial draft (including substantive translation).
Writing – Review & Editing	Preparation, creation and/or presentation of the published work by those from the original research group, specifically critical review, commentary or revision – including pre- or post-publication stages.

The illustrative example below is based on an imaginary authorship of R Del Naja, G Marshall, A Thaws, T Thorn, and A Vowles:

Author Contributions

Conceptualization R Del Naja (RDN), G Marshall (GM), A Thaws (AT), T Thorn (TT), A Vowles (AV); **Data Curation** RDN; **Formal Analysis** RDN, GM; **Funding Acquisition** N Cherry, RDN, C McVey (CM), GM, AT, TT; **Investigation** RDN, GM; **Methodology** RDN, GM, AT, AV; **Project Administration** CM; **Resources** RDN, GM, AT, AV; **Software** RDN; **Supervision** RDN, GM, AT, AV; **Validation** RDN, GM, AT, TT, AV; **Visualization** E Fraser, AT, TT; **Writing – Original Draft Preparation** RDN, GM, AV; **Writing – Review & Editing** RDN, GM, AT, TT, AV.