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Please put the primary author’s name in the footer (where it says “Author et al.”).

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SGE Compass manuscript template: Capitalize only proper nouns and avoid using all caps (Style: SGE Title)

James Hutton1\*, Alfred L. Wegener2,A, Charles Lyell3,B, and John W. Powell2,C (Style SGE Authors)

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ABSTRACT

Abstracts should not exceed 250 words.

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KEYWORDS

Please enter four to eight keywords that are relevant to your research, separated by commas.

(Style: SGE Normal) Keyword 1, Keyword 2, Keyword 3, Keyword 4, Keyword 5

INTRODUCTION (Style: SGE Heading 1)

Text for the article goes here. Please include relevant sections such as Introduction, Study Area, Methods, Results, Discussion, Conclusion, and any other necessary sections. Minor headings (First level through 5th level headings, Style SGE Heading 2 - 5) could include Purpose, Geologic Setting, Previous Investigations, and Field Evidence, or appropriate minor headings.

Equations can be entered by the equation tool (Insert > Equation). Please reference the equations in order of appearance and fully explain all variables. You can also make the editor extremely happy by including the LaTeX version of the equation, which is what will need to be done in the final versions of the paper. You can use style SGE Equation LaTeX for it and include the LaTeX code below the Microsoft Word Equation. You can find a good Equation Editor here: <https://editor.codecogs.com/>.

For example… Equation 1 provides solutions to the quadratic equation, as:

x = \frac{-b \pm \sqrt{b^2 - 4ac})}{2a}

Where a, b, and c are … and x is ….

Units should be metric (m, km, km2, kg, etc.) but you may put imperial units in parenthesis, like this: “the area of glaciers changed by -53.812 km2 (-20.777 mi2), a reduction of 41.62% in area between 1896 and 2021.” The genus/species of organisms need to be placed in italics, e.g., *Nautilus pompilius*. Try not to use footnotes, but if needed, we can incorporate them into the final document.

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NOTE ABOUT CITATIONS

Citations should be fully referenced in the References Cited section. In-text citation should be written as follows: “…as Rodgers (1957) demonstrated…” or “…it is well documented (Dunbar and Rodgers, 1957; Tevesz et al., 1980)….” You may also use “and others” in lieu of “et al.” for in-text citations, e.g.: “… Tevesz and others (1980) stated ….”

NOTE ABOUT FIGURES AND TABLES

Reference each figure as they appear in the document as an inline citation like: “…Figure 1 clearly shows…” or “… the study area (Figure 1)….” The individual figures will be listed in the “Figures” section below.

Tables are referenced in a similar manner as figures but are included in the “Tables” section below.

ACKNOWLEDGEMENTS

Optional, but can include individuals who assisted in the study, reviewers, funding agencies, etc.

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Bagnold, R.A., 1960, Some aspects of the shape of river meanders: United States Geological Survey Professional Paper 282-E, 144 p., doi: 10.3133/pp282e.

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Figures

Figures should be high resolution (at least 300 dpi; 600 dpi preferred) and scaled to fit a maximum of 7.5 inches wide by about 7.5 inches tall (to allow room for a figure caption). Please do not wrap text around the image. Final rendered images for publication may be 3.667 to 7.5 inches wide, depending on the column span in the final publication (ensure readability!). We prefer vector-based images (svg, png, etc) versus raster image formats (jpg, gif, etc); raster image formats are okay as long as they have high-enough resolution. Graphs should be rendered in high resolution; preferred in R or other statistical program, but we can also use graphs made in Microsoft Excel. Maps should contain all necessary map elements (north arrow, scale bar, legend, reference to a larger geographic location [i.e., a map that shows a study area shows a larger area, like a state or country], etc.); consider having geographic coordinates on the collar of the image to help the reader orient to the location (see Figure 2 for example of this). You can also attach figures separately if they are too large or make the document too large (over about 10 mb). Please generate alternative text for the figure for accessibility and those readers who will utilize screen readers – see the green text below the figure caption.

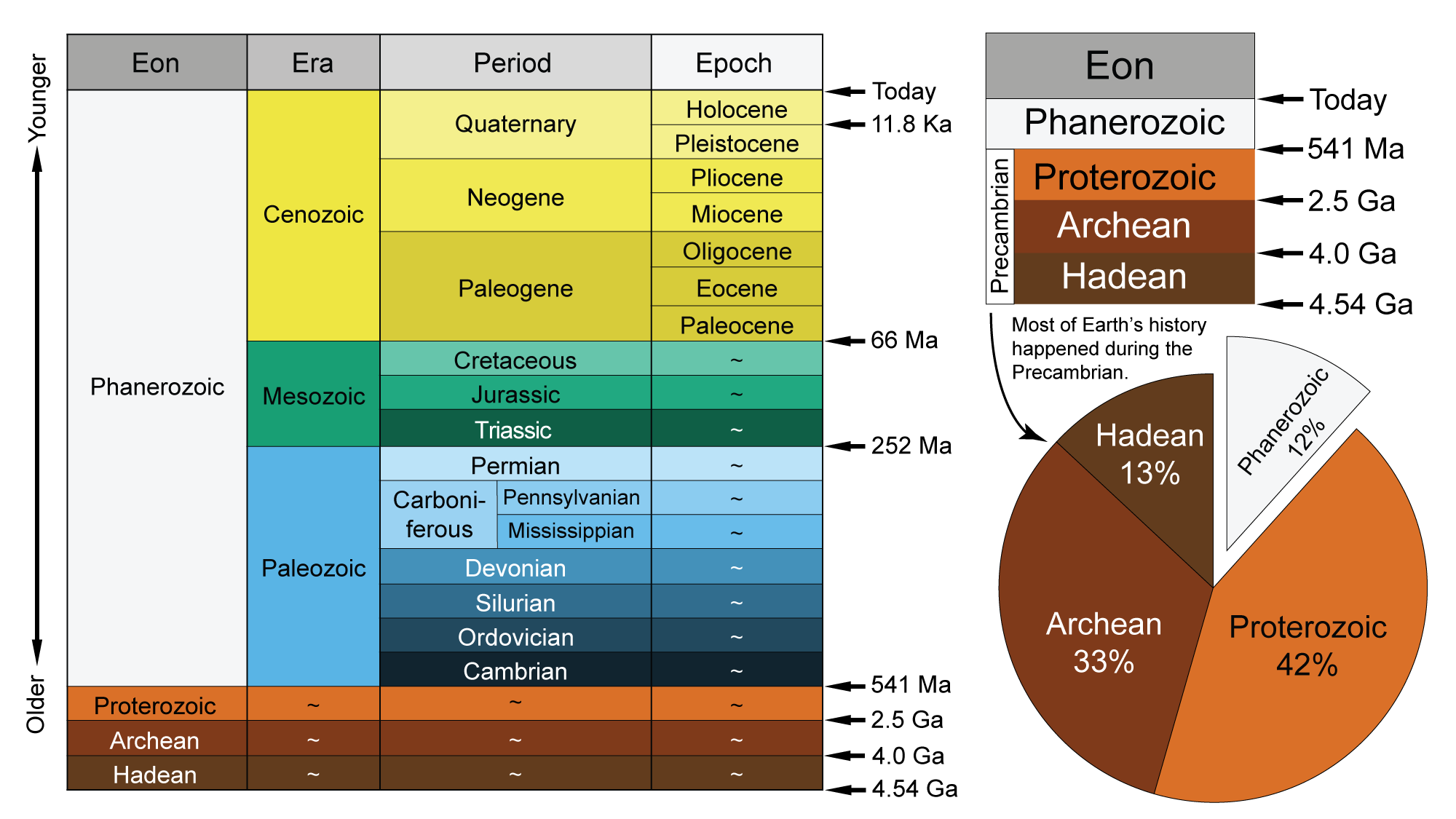


Figure 1: Figure Caption goes here. Style SGE Figure Caption.

Figure Alternative Text (Style SGE Alt Text). [Click here](https://www.techsmith.com/blog/how-to-create-alternative-text-for-images-for-accessibility-and-seo/#:~:text=Alternative%20text%20best%20practices%201%201.%20Accurately%20describe,included%20in%20the%20alt%20text%20...%20More%20items) to learn about how to generate good alternative text for images. Alternative text should describe the figure and *should NOT* be a repeat of the figure caption. Example alternative text for the above figure would be something like: Geologic timescale showing the geologic eons, eras, periods, epochs, and associated dates in billions of years (Ga), millions of years (Ma), and thousands of years (Ka). On the left is a colored table that shows each eon, era, period, epoch, and associated age. On the upper right is a colored table that shows only the eons and associated ages. On the lower right is a pie chart that shows the relative percentage of time that each eon represents.

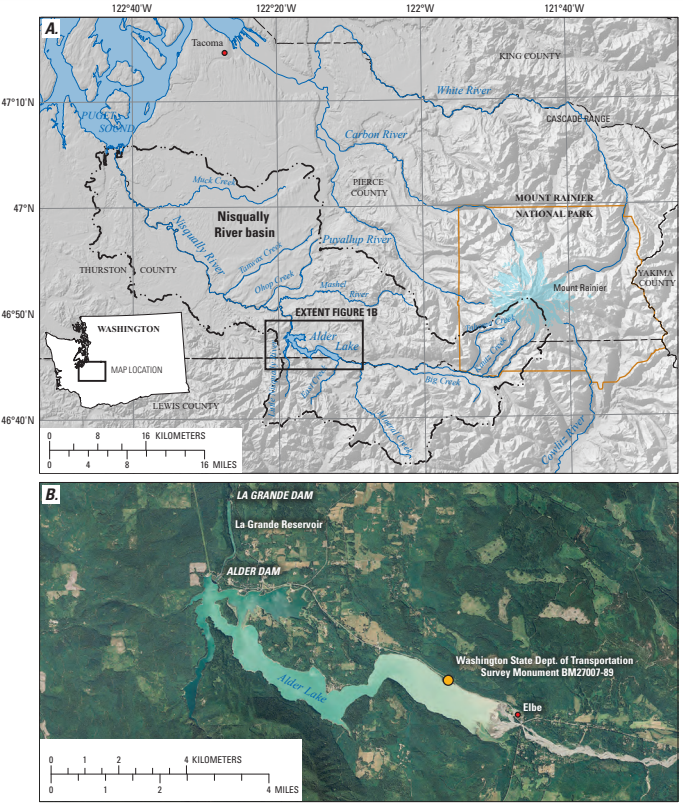


Figure 2: Example of a map element figure showing all necessary map elements, including geographic information in the collar. You may reference Figure 2A and Figure 2B both in the figure caption and text.

Figure alternative text goes here.

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Tables may be included either in the text or as attached Microsoft Excel tables. If you choose to include the table here, please keep all borders and use the necessary styles (SGE Table Header, SGE Table Cell). Tables that wrap over multiple pages will be dealt with prior to publication. Tables that may not be completely relevant to the section or paper can be included as an appendix (see instructions for that below). You may also include table comments (Style SGE Table Comment) that will appear below the table, with necessary reference notations as superscripts.

Table 1: Table caption goes here. Style SGE Table Caption.

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Table 2: Table caption goes here.

This is an example of a table that would be included externally (as a Microsoft Excel document). Please include the table caption but make a note in the document with the file name.

Table is included externally as “table2.xlsx”.

Appendices

Appendices should be referenced in order as they are mentioned in text, and only should be used if necessary. Text, figures, and tables all can be referenced in a similar manner as text, figures, and tables for the rest of the document. You may reference tables and figures in the appendices as “Appendix A-1”, etc.

suggested peer reviewers

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