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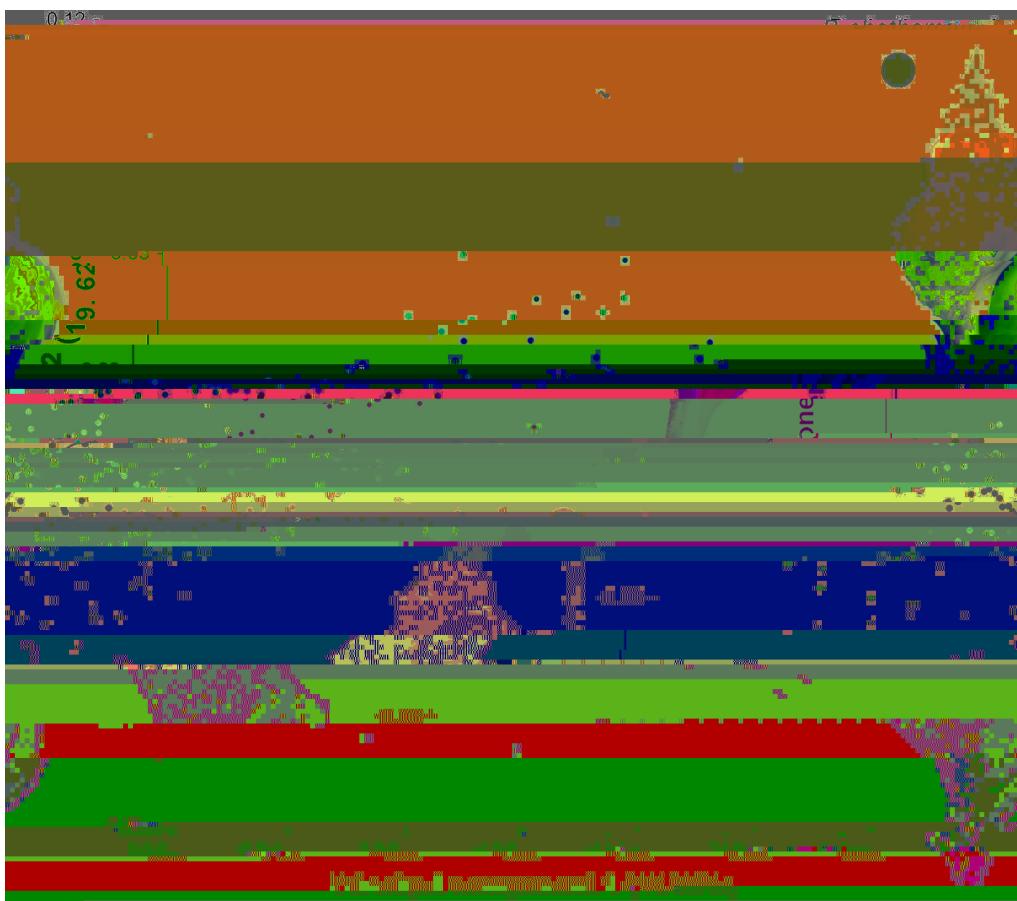


Figure 4. Phylogenetic tree comparing *P. chathamensis* and *P. sulcatus*. The tree was generated using NJ method (Källersjö 2011). The tree shows a high level of divergence between the two species, with *P. chathamensis* being more closely related to each other than to *P. sulcatus*. The tree also shows a significant amount of variation within each species, with many nodes being supported by low bootstrap values (e.g., 19.62%).



Figure 5. Phylogenetic tree comparing *P. chathamensis* and *P. sulcatus*. The tree was generated using NJ method (Källersjö 2011). The tree shows a high level of divergence between the two species, with *P. chathamensis* being more closely related to each other than to *P. sulcatus*. The tree also shows a significant amount of variation within each species, with many nodes being supported by low bootstrap values.

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t , . . (1 1) Morphometric tools for landmark data:
geometry and biology. t ,

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Dominion Museum Bulletin 18.

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24, 3 -54.

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American Statistical Association , 11- 31.

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