Supplementary Materials for:

**Chronology and Eruption Dynamism of the Historic ~ 1700 CE Eruption of Tseax Volcano, British Columbia, Canada**

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**Table S1.** List of available written and oral stories concerning the eruption of Tseax.

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| **Authors** | **Titles** |
| William Henry Collison (1847-1922) | *In the Wake of the War Canoe (1915), Chapter XXI, The Nass River, p.267-274*Collison initially observed the lava plain in 1874 when he canoed up the Nass River and noted its recent origin due to the presence of well-preserved fragments of trees and roots still encased in the lava. |
| James Benjamin McCullagh(1854-1921) | *IGNIS, a Parable of the Great Lava Plain in the Valley of “Eternal Bloom”, Naas River, British Columbia.*From Nisga’a stories, McCullagh turned the volcanic eruption into a poem influenced by Greek mythology as a battle between Ignis (fire), Lithos (earth) and Pluvius (water).  |
| Charles Marius Barbeau(1883-1969) | *Volcanoes on the Nass, Canadian Geographical Journal, 10(5), p. 215-225*Barbeau, a Canadian ethnographer and folklorist, researched authentic oral histories of the Nisga’a in the 1910s and 1920s. He was told the story of the eruption of Tseax by Nisga’a elders living in the villages of *Gitwinksilhkw* and *Gitlaxt’aamiks*. |
| Nisga’a *Adaawak* | *Laxmihl (Where the Fire Ran Out)*It is the only Nisga’a *Adaawak* publicly available that relates the eruption of Tseax volcano. An English translation of this *Adaawak* can be found on the Nisga’a Lisims Government website(<https://www.nisgaanation.ca/volcano>). |