New species of **Chaetozone** and **Tharyx** (Polychaeta: Cirratulidae) from the Alaskan and Canadian Arctic and the Northeastern Pacific, including a description of the lectotype of **Chaetozone setosa** Malmgren from Spitsbergen in the Norwegian Arctic

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Abstract

Eight new species of cirratulid polychaetes of the genus **Chaetozone** from the Alaskan (Beaufort Sea) and Canadian Arctic (Baffin Island, Baffin Bay, Labrador, Hudson Strait, and Hudson Bay) and the Northeastern Pacific are reported together with two new species of **Tharyx** from the Alaskan Beaufort Sea and the Strait of Juan de Fuca. The new species of **Chaetozone** and **Tharyx** are compared with related species; distinct species groups within these genera are discussed. A redescriptions of **C. setosa** Malmgren, 1867, the type species of the genus from Spitsbergen, based on a lectotype and associated paratypes designated by the late Dr. Mary E. Petersen is presented. A review of characters important in the taxonomy of the genera **Chaetozone** and **Tharyx** is presented. A key to species of **Chaetozone** from the Northeastern Pacific and North American Arctic is provided.

Key words: Annelida, Arctic, benthos, Puget Sound, British Columbia, Alaska, Canada, new species
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