NORTHWARD EXTENSION OF THE RANGE OF THE EASTERN PACIFIC DEEP-WATER ASELLOTE ISOPOD STORTHYNGURA PULCHRA (HANSEN, 1897)

BY

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INTRODUCTION

Abundant material of a deep-water isopod collected at 8 localities off the coasts of Oregon and Washington has proved to belong to the species Storthyngura pulchra (Hansen, 1897), previously known from no farther north than Central America. This has permitted further description of this species and comments on its occurrence. The material has been placed in the collections of the British Museum (Natural History) (designated BMNH), the National Museum of Canada (NMC), the National Museum of Natural History, Smithsonian Institution (USNM), the Rijksmuseum van Natuurlijke Historie, Leiden (RMNHL) and the Zoological Museum, University of Copenhagen (ZMC).

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Storthyngura pulchra (Hansen, 1897)

Storthyngura pulchra pulchra Wolff, 1962: 134-138 (table 6, text-figs. 79d-e, 80a-c, 81a-d), 240-241 (table 17), 243, 246 (morphology, systematics, ecology), pl. 6 fig. J, Pl. 7 figs. A-D — George & Menzies, 1968a: 276 (discussion).

Material examined. — All collected by United States Naval Ship "De Steiguer", Deep Water Dump cruise, using beam trawl, except where otherwise noted. Sta. BMT5, 95 miles W of Straits of Juan de Fuca, Washington, ca. 48°30'N 126°50'W, 2500 m, 8 Sep. 1971: 2 ♂, 12 ♀ (including 2 gravid), USNM. Sta. BMT4, 48°22.6'N 126°54.4'W, unrecorded depth, 5 Sep. 1971: 2 ♂, 8 ♀ (including 1 gravid), NMC. Sta. BMT3, 48°21.5'N 126°56.4'W, unrecorded depth, 5 Sep. 1971: 2 ♀, USNM. Sta. BMT7, 48°18.35'N 127°00.8'W, 2562 m, 2 Sep. 1971: 3 ♂, 10 ♀ (including 1 gravid), RMNH. Sta. BMT1, 48°17.9'N 127°05.5'W, 2560 m, 1 Sep. 1971: 13 ♀, USNM. Sta. BMT8, 48°09.0'N 127°04.2'W, 2511 m, 10 Sep. 1971: 8 ♂, 35 ♀ (including 1 gravid), ZMC. Sta. BMT7, 48°07'N 124°04.8'W, 2511 m, 10 Sep. 1971: 1 ♂, 14 ♀, BMNH. University of Washington's R/V "Thomas G. Thompson", Cruise TT-64, Sta. OTB442, 23-foot otter trawl, 44°36.3'N 125°39.0'W, 2800 m, 29 Oct. 1971: 1 ♂, 2 ♀ (including 1 gravid), ZMC.

Fig. 1. Storthyngura pulchra (Hansen). Female from "Thomas G. Thompson" Sta. OTB442, in dorsal view. Scale line: 5.0 mm.