FIRST RECORD OF *NEOGNATHOPHAUSIA INGENS* (PERACARIDA: LOPHOGASTRIDA: GNATHOPHAUSIIDAE) FROM SOUTHERN BRAZIL

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Lophogastrida Boas, 1833 is a relatively small group of peracaridan crustaceans with 53 species distributed along nine genera and three families. The Family Gnathophausiidae Udrescu, 1984 is composed by three genera: *Fagegnathophausia* Petryashov, 2015, *Gnathophausia* Willemoes-Suhm, 1873 and *Neognathophausia* Petryashov, 1992. The latter encompass two species, *Neognathophausia ingens* (Dohrn, 1870) and *N. gigas* (Willemoes-Suhm, 1873). *Neognathophausia ingens* is a large bathypelagic crustacean distributed worldwide. In Brazil, this species is recorded along the states of Bahia and Rio de Janeiro. The aim of this work is to provide an additional record of *N. ingens* from Brazil. The material was collected on board (Thiago EJ II) along the coast of the state of Rio Grande do Sul during the Project "Monitoramento da Biodiversidade Marinha no Sul do Brasil: Subsídios à avaliação e definição de medidas de conservação" coordinated by ICMBio/CEPSUL. Specimens were deposited in the Carcinological Collection of the Universidade Federal do Rio Grande do Sul (UFRGS). Comparative material is deposited in Museu Nacional of Rio de Janeiro (MNRJ). Specimens were analyzed under a stereomicroscope and drawings were obtained with aid of a *camara lucida*. The sampled material is composed by two females (total length 19.5 cm and 17 cm) collected from 330 (32°22.173'S; 50°13.829'W) and 270 m (32°29.967'S; 50°16.941'W) respectively. We provided drawings for all body regions and appendages. Mandible, thoracopods 2, 4, 5, 6 and 8 and pleopods are illustrated and described for the first time. This is the first record of *N. ingens* from southern Brazil, expanding the knowledge of the distribution area of Lophogastrida in Brazilian waters.

Palavras-chave: biogeography, opossum shrimp, taxonomy, distribution.