

The presence of *Anisakis* sp. Larvae in the Pacific Jack Mackerel, *Trachurus murphyi*, Nichols, 1920. (Some comments on their relation with human eosinophilic granuloma) PRESENCIA DE LARVAS DE ANIKASIS SP. EN EL JUREL, TRACHURUS MURPHYI, NICHOLS, 1920. (ALG

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A survey for *Anisakis* sp. larvae was undertaken in 311 Pacific jack mackerel in two seaports located on the coastal region of the North of Chile, during July-October, 1975. The average number of the infection was 27.0% and no relation with the sex of the host was established. However, a close relationship between the fish size and the frequency of parasitized specimens was observed ( $r = 0.76$ ). The same relation was apparent for the sexual maturity and frequency of parasitism (males,  $r = 0.87$ ; females,  $r = 0.94$ ). This is the first report on *Anisakis* larvae in the Pacific jack mackerel in Chile and it has been pointed out that these nematodes are potentially pathogenic for human beings.