

# SOUTHERN DISTRIBUTION LIMITS FOR *MYLIOBATIS GOODEI* (GARMAN) — CHONDRICHTHYES, MYLIOBATIDAE

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The "chucho" or southern eagle ray, *Myliobatis goodei* (Garman), ranges from North Carolina in the northwestern Atlantic Ocean to Central America, and from Rio de Janeiro to Buenos Aires Province in Argentina (Bigelow & Schroeder, 1953; F. Schwartz, personal communication).

All references to *Myliobatis aquila* (Linnaeus) from Argentina are *M. goodei* or *M. freminvillei* Le Sueur, since both were recently identified for the area of Mar del Plata (Buenos Aires Province) by Nani (1964).

Previously the southern limits for Myliobatid distribution was established as Puerto Quequen, Buenos Aires Province (Marini, 1929).

Prof. Juan Daciuk (Centro Nacional Patagónico, Puerto Madryn, Provincia de Chubut, Argentina) kindly called my attention to a dried specimen of "chucho" (M. A. C. N. no. 6621) obtained by a fisherman at Península Valdés, in december 1970.

Its teeth were examined and were found to compare with that of *M. goodei*.

Another specimen of *M. goodei*, with 13 kg and 1.5 m in total length, was captured at the same locality in september 1970. Its catch has since been mentioned in a sport magazine (*Camping* no. 14 — Buenos Aires).

The German research vessel "Walter Herwig" and the Japanese one "Kaiyo Maru" have also captured *M. goodei* during their 1970 and 1971 cruises in Argentine waters (table I).

López (1964) defined the southern limit of the bonaerense district (Argentine Province) as the parallel of 41°S, where the Rio Negro discharges its waters into the Golfo San Matias. No stingray has ever been recorded from the patagonian district (Magellanic Province) to the south.

*M. goodei* therefore can be considered a biological indicator of the Brazilian Current, and a typical representative of the Argentine Province,

which during the austral summer extends further south to the 44°S parallel.

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## SUMARIO

*Myliobatis goodei* (Garman), conhecida como "raia venenosa" ou "chucho", ocorre na parte ocidental do Oceano Atlântico, exceto nos trópicos: no hemisfério norte é encontrada desde a Carolina do Norte (U.S.A.) até a América Central; no hemisfério sul, desde o Rio de Janeiro (Brasil) até a Península de Valdés (Provincia de Chubut, Argentina), na latitude de 44°S.

Esta espécie pode ser considerada como um dos indicadores biológicos da Corrente do Brasil, que durante o verão austral penetra no distrito patagônico argentino.

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T A B L E I

Stations where *Myliobatis goodei* (Garman) was captured in the Southwestern Atlantic Ocean.

Dates	Ships	Depths (m)	Stations	
			latitudes	longitudes
23/ I/70	Kayo Maru	71	43°34'S	63°11'W
23/ I/70	Kayo Maru	56	41°41'S	63°14'W
20/II/71	Walter Herwig	60	43°00'S	64°00'W
20/II/71	Walter Herwig	70	44°00'S	64°30'W
20/II/71	Walter Herwig	71	43°55'S	64°28'W
24/II/71	Walter Herwig	45	40°39'S	61°19'W
24/II/71	Walter Herwig	50	41°19'S	61°39'W