NATIONAL BIORESOURCE DEVELOPMENT BOARD
Dept. of Biotechnology
Government of India, New Delhi

For office use:

MARINE BIORESOURCES
FORMS DATA ENTRY**:** Form- 1(general**)**

Fauna: √ Flora Microorganisms

General Category: Invertebrata (Zooplankton) Pelagic amphipod

Scientific name &Authority: *Scina rattrayi keilhacki* Wagler, 1926
Common Name (if available):

Synonyms:	Author(s)	Status
Scina rattrayi keilhacki	Wagler	1926: 380
Scina rattrayi keilhacki	Vinogradov	1956: 207, 1957: 216

Classification:

Phylum: Arthropoda	Sub- Phylum:Mandibulata	Sub- Class: Malacostraca
Super class:	Class: Crustacea	Sub Order: Hyperiidea
Super Order: Peracarida	Order: Amphipoda	Sub-Family:
Super Family: Scinoidea	Family: Scinidae	
Genus: *Scina*	Species: *rattrayi keilhacki*	

Authority : Wagler, 1926
Reference No.: Wagler, E. 1926. Amphipoda, 2: Scinidae. Erg. Dtsch. *Tiefse-Exped. "Valdivia"* 1898-1899, vol 20, No. 6, pp. 317-446.

Geographical Location: Varies in different oceans. In the Atlantic ocean it is rare (reported only at 12°28' N, 29°42'W) In the tropical regions of the Indian Ocean it is fairly common; found in the Arabian Sea, in the equatorial zone between 10° N and 10° S, and enters Antarctic waters [6] (62°55'S, 118°52 E and 58°58'S, 109°21' E). It is not found in the tropical regions of the Pacific Ocean but known in the north western part north of 35° N. (Kuril-kamchatka region, southern part of the Bering Sea, southern part of the Sea of Okhotsk) together with *S .borealis*- a more common and numerous species of the genus *Scina.*

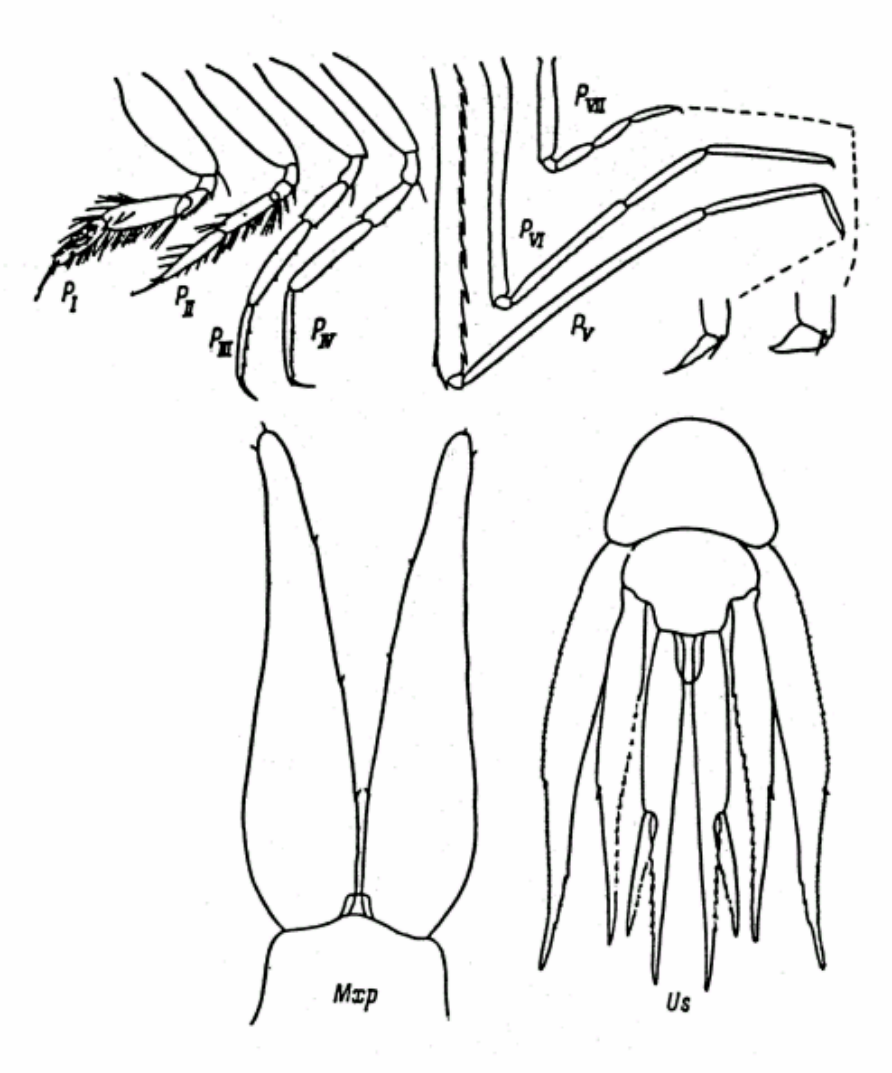
S.r.keilhacki is an extremely eurybathic subspecies. In the tropical regions of the ocean it is found in catches from depths of 100-200 and 200-500m. In the northwestern part of the Pacific Ocean it is found in catches from depths of 0-300, 300-500, 500-750, 750-1,000, 1,000-1,500, 1,500-2,000, and 2,000-4,000 m but is more common at depths of 1,000-2,000m.

Latitude: Place:
Longitude: State:

Environment

Freshwater: Yes/ No	Habitat: Marine	Salinity:
Brackish: Yes/No	Migrations:	Temperature:
Salt Water: Yes√/No	Depth range :	

Picture (scanned images or photographs of adult/ larval stages)



Scina rattrayi keilhacki Wagler (after Wagler, 1926).

DATA ENTRY FORM: Form –2 (Fish/ Shell fish/ Others) Ref. No.:
(Please answer only relevant fields; add additional fields if you require)
Form- 1 Ref. No.:

IMPORTANCE
Landing statistics (t/y): from to Place: Ref . No.:
Main source of landing: Yes/ No Coast: east/ west
Importance to fisheries:
Main catching method:
Used for aquaculture: yes/ never/ rarely
Used as bait: yes/no/ occasionally
Aquarium fish: yes/ no/ rarely
Game fish: yes/ no
Dangerous fish: poisonous/ harmful/ harmless
Bioactivity: locally known/ reported/ not known Details:
Period of availability: Throughout the year – yes/ no If no, months:

SALIENT FEATURES:
Morphological:
Diagnostic characteristics:

This subspecies differs from the typical form in relatively longer outer lobes of the maxillipeds and principal ornamentation of the uropods, which are devoid of the long curved marginal spines so characteristic of the typical form. The posterior margin of uropods I, the anterior margin of the basipodite of uropods II, and the posterior margin of the basipodite of uropods III are smooth; the anterior margin of the basiopodite of uropods I is finely denticulate and without large denticles. The telson is oblong-triangular with a rounded apex; its length is almost twice its width. In some specimens the ornamentation of uropods I is similar to that in *S.rattrayi keilhacki* and that of uropods II and III as in *S.rattrayi rattrayi*.

Sex attributes:
Dimorphic
Male: 1st antenna well developed, female: 1st antenna reduced.

Descriptive characters:

Meristic characteristics:
Feeding habit:
Main food:
Feeding type:
Additional remarks:
Size and age:
Maximum length (cm) (male/ female/ unsexed) Ref. No.:
Length of sexually mature females 4-5mm, of males 5-6mm
Average length (cm) (male/female/unsexed) Ref. No.:
Maximum weight: (g) (male/female/unsexed) Ref. No.:
Average weight: (g) (male/female/unsexed) Ref. No.:
Longevity (y) (wild): (captivity) Ref. No.:
Length/ weight relation ships:

Eggs and larvae: Ref. No.:
Characteristics:
Abundance:
Biochemical aspects:
Proximate analysis: moisture/ fat/ protein/ carbohydrate/ash Ref. No.:
Electrophoresis: Ref. No.:

SPAWNING INFORMATION:
Locality: Main Ref:
Season:
Fecundity:
Comment:

MAJOR PUBLICATIONS (INDIAN):
(Include review articles, monographs, books etc.)
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