

**NATIONAL BIORESOURCE DEVELOPMENT BOARD**

Dept. of Biotechnology  
Government of India, New Delhi

For office use:
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**MARINE BIORESOURCES**

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

Fauna: <input checked="" type="checkbox"/>	Flora	Microorganisms
General Category: Invertebrata (Zooplankton), Pelagic amphipod		
Scientific name & Authority: <i>Streetsia palmaspinosa</i> G.Vinogradov, 1990a Common Name (if available):		
Synonyms: <i>Streetsia palmaspinosa</i>	Author(s) G.Vinogradov	Status 1990a
Classification:		
Phylum: Arthropoda	Sub- Phylum:	Sub- Class: Malacostraca
Super class	Mandibulata	Sub Order: Hyperidea
Super Order: Peracarida	Class: Crustacea	Sub-Family
Super Family:	Order: Amphipoda	
Platysceloidea	Family: Oxycephalidae	
Genus: <i>Streetsia</i>	Species : <i>palmaspinosa</i>	
Authority : Vinogradov, G.M. 1990 Reference No : Vinogradov, G.M. 1990a. Pelagic amphipods (amphipoda Crustacea ) from the southeastern Pacific/Trudy Instituta Okeanologii/Trans. of the P.P. Shirshov Inst. Oceanol./ 124: 27-104 (In Russian).		
Geographical Location: Specimens have been collected in the Pacific Ocean along the Nasca Ridge, and in the Indian Ocean along Sal de Maly and Walter's banks.		
Latitude:	Place:	
Longitude:	State:	

Environment

Freshwater: Yes/ No

Habitat:

Salinity:

Brackish: Yes/No

Migrations:

Temperature:

Salt Water: Yes/ No

Depth range :

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



*Streetsia palmaspinosa* (after Vinogradov, 1990 a)

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 species has a compact appearance. The length of head exceeds that of the pereon by approximately 1/3 the length of the body. The rostrum is wide and at the base of the head there is a weakly pronounced dorsal depression, barely exceeding the length of the first segment of the pereon

This species is closely affiliated with *S. challengerii* and especially to *S. porcella*. It is distinguished from the former by the absence of a distal acute-angled projection of article 2 of pereopod VI; from the latter by the structure of articles 5 and 6 of pereopods II, the palmar region of which has coarse, sharp teeth. None of the known species of *Streetsia* have a similar structure for pereopods II. A characteristic feature of *S. palmaspinosa* is a well-pronounced stepped notching along the lower edge of epimere III.

Sex attributes:

Dimorphic

Male: 1<sup>st</sup> antenna well developed, female: 1<sup>st</sup> 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.:

The length of a mature females is 15 mm, of a male is 13 mm.

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 relationships:

Eggs and larvae: Characteristics: Abundance: Biochemical aspects: Proximate analysis: moisture/ fat/ protein/ carbohydrate/ash Electrophoresis:	Ref. No.:    Ref. No.: Ref. No.:
<b>SPAWNING INFORMATION:</b> Locality: Season: Fecundity: Comment:	Main Ref:
<b>MAJOR PUBLICATIONS (INDIAN):</b> (Include review articles, monographs, books etc.) <b>LIST OF INDIAN EXPERTS (Name, address, phone, fax, e-mail etc.)</b>  <div style="margin-left: 40px;"> <p>Dr. K.K.C. Nair            Scientist-In-Charge            R.C. of NIO,            Post Box-1616            Kochi – 682 014            Email <a href="mailto:kknair@niokochi.org">kknair@niokochi.org</a></p> <p>Dr. N. Krishna pillai            “Radhika”            65- Champaka Nagar            Bakery Junction            Trivandrum-695 001</p> </div>	
<b>ACKNOWLEDGMENT:</b> (List of persons who contributed, modified or checked information)	

