



## Metadata

# Occurrence data of large branchiopods in the Northern Western Ghats, India

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### General information

#### name of the dataset:

full name of the dataset: *Occurrence data of large branchiopods in the Northern Western Ghats, India*

dataset short name: *Branchiopod occurrence data in Western Ghats, Indi*

**type of dataset ([more information](#)):** *species distribution data*

data type: *point data/observation data*

short description of the dataset/summary:

*The field data provide species distribution records of a crustacean group called the large branchiopods from some freshwater habitats in the Western Ghats of India. Species occurrence data have been collected from the year 2009 until 2017 at 45 different localities by means of qualitative sampling using a hand net of 150 µm mesh. Data include species name and occurrence records with name, GIS information and waterbody type of the sampled locality. A total of 12 species from 5 different orders which includes three new endemic species and two distinct populations are reported from a total of 90 samples (Rogers and Padhye 2014, 2015; Padhye and Dahanukar, 2015; Padhye and Ghate 2016; Padhye and Kulkarni, 2017; Padhye et al. 2015, 2016, 2018). All the three endemic species have a geographically restricted range with one species, *Leptestheria gurneyi* known only from its type locality till date. These data, therefore, provide baseline information for future biodiversity conservation planning and management of the habitats as well as the species.*

**keywords according to [GCMD](#):**

topic: *Terrestrial Hydrosphere*

**ISO topic category according to [ISO 19115](#):**

*Biota, Inland Waters*

**INSPIRE keywords according to [GEMET](#):**

*Species distribution*

**own science keywords:**

*Indian subcontinent, rocky outcrops, Anostraca, Notostraca, Spinicaudata, Laevicaudata, freshwater*

**funding:**

*The initial part of the field work was carried out from the funds provided by CSIR-India PhD scholarship.*

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## Technical and administrative specifications

**data format:** *Excel*  
**operating system:** *Win 8/8.1*  
**data language:** *English*  
**current access level:** *web (public)*

currently available through [GBIF](#): *no*

exchange planned: *yes*

data in data repository: *no*

**Do you plan to publish the data on the Freshwater Biodiversity Data Portal:**

*yes*

**update level:** *update planned*

**documentation:**

type: *manual, internal description*

language: *English*

**contact details:**

metadata contact person:

first, last name: *Sameer Padhye*

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*Saravanampatti*

postal code, city: *641035 Coimbatore*

province, state: *Tamil Nadu*

country: *India*

technical contact person:

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## Intellectual property rights and citation

(if the dataset is already published):

### dataset creator (data compiler):

contact name: Sameer M. Padhye  
 contact email: sameer.m.padhye@gmail.com  
 contact institution: Systematics, Ecology & Conservation Lab, Zoo Outreach Organization

### data contributors to/owners of this dataset:

number: multiple  
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### provider 1:

provider institute: Systematics, Ecology & Conservation Lab, Zoo Outreach Organization  
 contact name: Sameer M. Padhye  
 contact email: sameer.m.padhye@gmail.com  
 criteria for using the data in a publication/scientific analysis:  
*The dataset is publicly available (data portal, data archive) and can be used without restrictions, but must be acknowledged and cited correctly.*

### provider 2:

provider institute: Department of Zoology, Savitribai Phule Pune University  
 contact name: Mihir R. Kulkarni  
 contact email: mihircoolkarni@gmail.com  
 criteria for using the data in a publication/scientific analysis:  
*The dataset is publicly available (data portal, data archive) and can be used without restrictions, but must be acknowledged and cited correctly.*

### citation of this dataset:

author(s): Padhye, S.M. & Kulkarni, M.R.  
 title and journal (name, number, pages):  
*Large Branchiopoda occurrence data (2009-2017) in the Northern Western Ghats, India.*  
 year: 2019  
 doi (if applicable): <https://doi.org/10.15468/vpaw3g>

### citation of the metadata:

author(s): Padhye, S.M.P. & Kulkarni, M.R.K.  
 title and journal (name, number, pages):  
*Occurrence data of large branchiopods in the Northern Western Ghats, India. Freshwater Metadata Journal 0: 0-0*  
 year: 0000  
 doi (if applicable): <https://doi.org/10.15504/fmj.0000.0>

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## General data specifications

### regional coverage of the dataset:

spatial extent of the dataset: *regional*  
continents: *Asia*  
countries: *Asia: India*

### world climatic regions according to [Köppen](#):

*Group A: tropical/megathermal climates*  
*Group B: dry (arid and semiarid) climates*

freshwater ecoregions of the world (FEOW) according to [WWF](#):

*Asia: Northern Deccan Plateau, Western Ghats*  
*rivers, lakes/ponds, wetlands, general freshwater*

### ecosystem type:

### coverage timeframe:

year to: *2009*  
year to: *2017*

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## Site specifications

**coordinate system/grid data:** *latitude/longitude, format: DD*

grid data available: *no*

site coding available: *no*

**number of sites:** *<100*

exact number of sites: *90*

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**Biological data****biological data origin:**

specify project:

*from sampling,**Taxonomy and Systematics of the 'Large Branchiopoda' (Crustacea: Branchiopoda) of the Indian Subcontinent*

specify method:

organism group addressed:

*other group(s): Anostraca, Notostraca, Spinicaudata, Laevicaudata, Cyclestherida*

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## Sample resolution

other group(s):

### taxonomic resolution:

percentage of species level data: 100

### taxonomic coding:

taxalist according to: *Rogers & Padhye (2015)*

citation: *Rogers, D.C. & Padhye, S. (2015). Review of the large branchiopod crustacean fauna of the Indian Subcontinent (Anostraca, Notostraca, Laevicaudata, Spinicaudata, Cyclestherida). Journal of Crustacean Biology, 35(3): 392-406.*

### sample specifications:

specification of method(s) used for sampling and sorting:

*A qualitative representative sampling of each habitat was carried out using a hand net having a mesh of 150 micrometers. Samples were immediately preserved in 8% formalin in the field.*

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## Other specifications

### GIS layers, shape files related to the dataset:

*species distribution*

**availability of photos:** *no*

**availability of maps:** *no*

### quality control procedures:

Were any quality control procedures applied to your dataset?

*no*