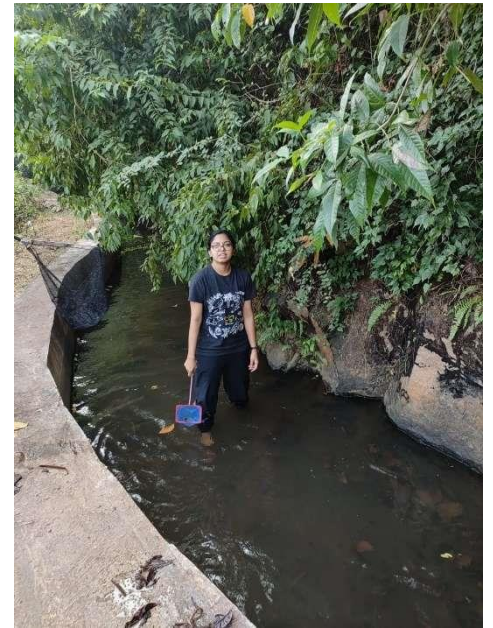
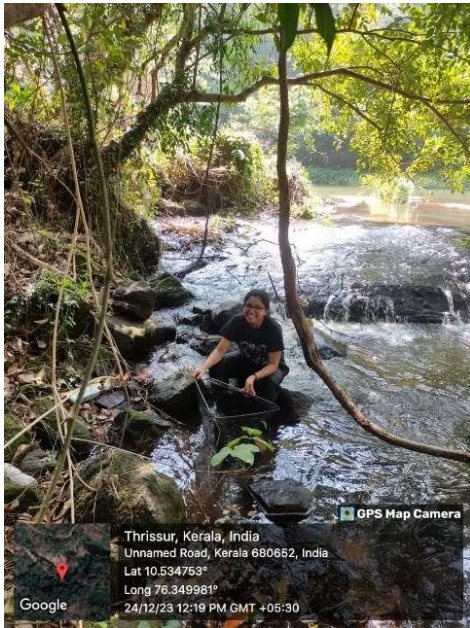


TEAM MEMBERS SAMPLING IN WESTERN GHATS



NATIVE VOLUNTEERS AND FISHERS HELPING WITH SAMPLINGS







Night sampling in Karnataka regions of Central Western Ghats



AWARENESS SESSIONS

GENACT CLUB
A Green Lead Volunteers Initiative

INTRODUCTION TO THE WORLD OF FRESHWATER SHRIMPS FROM INDIA
BY MACLEAN ANTONY SANTOS

DATE: 16TH SEPTEMBER 2023
TIME: 06:00 PM - 07:30 PM
MODE: ONLINE (VIA GOOGLE MEET)


SCAN ME 

Maclean is a Dr.A.P.J. Abdul Kalam Young Research fellow . He's working on Species Level Identification, Distribution and Conservation of Freshwater shrimps in Karnataka, Western Ghats.






greenlead@greenline.org.in • +91 8108439940

**VIVEKANANDA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS) PUTTUR**


NATURE CLUB
Presents,
Webinar Series 2023 - Session 1

Introduction to the world of freshwater shrimps of Western Ghats


Date : 4th November 2023
Time : 7pm - 8pm
Mode : ONLINE (via Google meet)

SCAN HERE!


Dr.A.P.J. Abdul Kalam Young Research fellow , working on species level identification, distribution and conservation of freshwater shrimps in Karnataka, Western Ghats.


Maclean Antony Santos

NO registration fees!




Google meet link will be provided after registration

Diversity of brackish water ornamental shrimps of coastal karnataka

Maclean Antony Santos , K. Kunjulakshmi & S. Prakash

Email ID : **macleanantony2003@gmail.com**


www.rufford.org @ruffordgrants


SATHYABAMA • CCCS

Maclean Santos (Presenting)

7:35 PM pglk-sjsh-kz

In-call messages

Messages are being recorded with the call

Nimal 7:26 PM
Sand mining affecting the freshwater ones , coastal ones or both?

Poompraha S N 7:32 PM
Please feel free to drop your questions here! :)

NADE DWT 7:34 PM
Where can we find literature for identification and other ecological info

Pulkit Sharma 7:34 PM
Is there a possibility that the dried water bodies have dormant shrimp eggs?

SILJAN SK 7:34 PM
What are the factors that effect the moulting of shrimp

Paul Antony 7:35 PM
Have you observed any interesting finds regarding the ethology of the shrimps studied? Any particular one you found most fascinating?

Send a message

Maclean Santos, Dept. of Compu..., Preetesh S, Prakash Sanjeevi, Ishwar prasad, 98 others, FASHAN NAIK

Zoom Meeting

A participant has enabled Cloud Capturing. Who can see this transcript?

Mark Yeldham, Simone Cittadino, Bertram Warren, Ashwin A, Kunjulakshmi, 2024199609 Silp..., Priya. D, Sabyasachi Mon..., Shoban Kumar, Jisha Manuel, M.Ragini, Yingqiu Zhang

More, Stop Video, Participants, Chat, Share Screen, Show Captions, Help, Apps, Whiteboard, News, Live

Type here to search, 28°C Partly cloudy, ENO, 5:15 PM, 18-Mar-24

Maclean Santos (Presenting)

CHARISMATIC FAUNA IN AND AROUND WATER

Pc : Mahim Bhal...

Pc : Mahim Bhal...

7:04 PM pglk-sjsh-kz

Maclean Santos, Dept. of Computer Sc..., Sujay, Shivakumar S P, Sanjaya Bandara, Preetesh S, Ishwar prasad, 59 others, FASHAN NAIK

Maclean Santos (Presenting)

Background



1. The Genus *Caridina* H.Milne Edwards, 1837 is one of the species-rich genera in the family Atyidae and are abundant in the freshwaters of tropical ecosystems.
2. A total of 28 species of freshwater Atyid shrimps have been discovered so far from India. Out of which, 14 species are reported from Western Ghats.
3. Major habitats : lakes, rivers, land-locked areas, agricultural waters ways, swamps and brackish water ways.
4. Globally, only 28% of freshwater shrimps are assessed for their extinction risk (De Grave et al., 2015)



RESEARCH ARTICLE

Dead Shrimp Blues: A Global Assessment of Extinction Risk in Freshwater Shrimps (Crustacea: Decapoda: Caridea)

Maclean Santos (Presenting)

7:05 PM pqr-sjsh-kzj

Maclean Santos (Presenting)

Caridina gracilirostris

- Presence of Brackish water species. [*C.gracilirostris*].
- New species of *Caridina* from the state (Yet to get published)

Maclean Santos (Presenting)

7:12 PM pqr-sjsh-kzj

Acknowledgement

- Guide and Core Team Members,
- The Rufford Foundation – Rufford Grant.
- Dr. Ben Parker, Bournemouth University , UK.






Guide - Dr. Sanjeevi Prakash

Team : K . Kunjalashkmi




WHAT'S Today
04-11-2023

VIVEKANANDA COLLEGE
of Arts Science and Commerce (Autonomous) Puttur
A Unit of Vivekananda Vidya Vardhaka Sanstha Puttur (K.S)
Mannara Koppala Puttur
Centre for Post-Graduate Studies & Research
Department of P G Studies in JMC

Episode -152



ಇಂದು ವಿವೇಕಾನಂದ ಕಾಲೇಜಿನ ನೇಚರ್ ಕ್ಲಬ್ ವತಿಯಿಂದ 'ಪಶ್ಚಿಮ ಘಟ್ಟದ ಸಿಹಿನೀರ ಸಿಗಡಿಗಳು' ವಿಷಯದ ಕುರಿತು ಅಂತಾರಾಷ್ಟ್ರೀಯ ಮಟ್ಟದ ಆನ್ಲೈನ್ ಕಾರ್ಯಾಗಾರ ನಡೆಯಿತು

FOLLOW US  vcjournalism  vcjournalism  Vikasanatv

Diversity, Aquarium trade and Conservation of freshwater ornamental shrimps (Family : *Atyidae*) from Western Ghats , Karnataka.

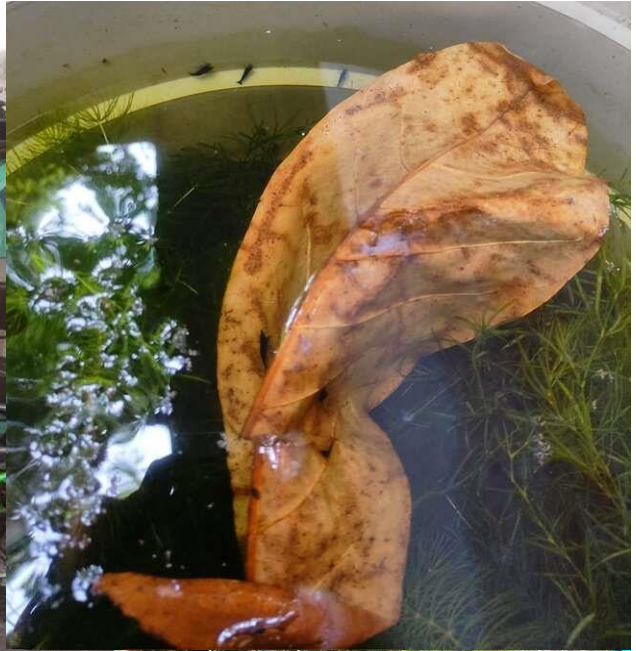
Speaker : Maclean Antony Santos
Email ID : Macleanantony2003@gmail.com

PI: Dr. Prakash Sanjeevi
Scientist-D
Center for Climate Change Studies
Sathyabama Institute of Science &
Technology, Chennai.
Email: prakash.s1311@gmail.com



<https://twitter.com/TheBiologyBen/status/1745842619681255557?t=wzId7uNhPOHHYFK2gIsanA&s=19>


QUESTIONNAIRE SURVEY IN FARMS & AQUARIUM SHOPS



Women in aquaculture and trade of freshwater shrimps





Questionnaire survey sheets of Hobbyist, Farmers and Traders



Centre for Climate Change Studies, Sathyabama Institute of Science and Technology
Tamil Nadu, India

CCSA





QUESTIONNAIRE - Farmers

Assessing the conservation priority of ornamental shrimps (Family: Atyidae and Palaemonidae) from the Central Western Ghats, India

FOR INTERVIEWER ONLY Interview no: _____

Date: _____ Interviewer name: _____ Time: _____

Location information:
Latitude, Longitude: _____ Altitude: _____

Interview location: Aquarium shop River banks/ wild collection site Home Fish Landing
 Other

Please specify if 'Others': _____

Interview circumstance: Business Home Fishers

Gender of interviewee: Male Female

Is a translator or intermediate person being used to help conduct this interview? Yes/ No
.....

How old are you?
Less than 15 16-30 31-50 More than 50

What is the age of entry into wild collection?
.....

Is this your primary occupation?
.....

Educational status (tick appropriate)?
1-5 6-12 Graduate

Why did you choose this as an occupation?
Hereditary Due to Interest Lack of employment and capital Profitable

Which are the commonly used gears for inland fishing? What are the accessories used in collection?
.....

What is the cost of net used?
.....


Is any permission required from government for collection and selling of ornamental shrimps? Yes/ No

Can you share the locations from which you collect/buy shrimp?

Are there any conflicts /competition among wild collector/ hobbyist/ aquarist? Yes/ No


What is the best time to collect / catch shrimps? Day/Night fishing


Where do you collect the shrimps from? Freshwater/Brackish water/Both



Centre for Climate Change Studies, Sathyabama Institute of Science and Technology
Tamil Nadu, India

CCSA





QUESTIONNAIRE - Hobbyist

Assessing the conservation priority of ornamental shrimps (Family: Atyidae and Palaemonidae) from the Central Western Ghats, India

FOR INTERVIEWER ONLY Interview no: _____

Date: _____ Interviewer name: _____ Time: _____

Location information:
Latitude, Longitude: _____ Altitude: _____

Interview location: Aquarium shop River banks/wild collection site Home Fish landings
 Other (Please specify)

Interview circumstance: Business Home Fishers

Gender of interviewee: Male Female

Is a translator or intermediate person being used to help conduct this interview? Yes/No
.....

How old are you?
Less than 15 16-30 31-50 More than 50

What is the age of entry into aquarium shop business/ wild collection/ home aquaria (tick appropriate)?
.....

Is this your primary occupation?
.....

Why do you catch shrimps from the wild?
Documentation (Do you upload the photos in any website? [iNaturalist](#), Indian Biodiversity Portal, others please specify)
For Aquarium
Bycatch while catching fish
Bait for catching fish

How many specimens do you bring back?
1-15 15-25 25-50 >50


Educational status (tick appropriate)?
1-5 6-12 Graduate

Why did you choose shrimp keeping Hobby?
Hereditary Due to Interest Lack of employment and capital Profitable
Recreational activity Passive income Stress-reliever

Is any permission required from government for collection and selling of ornamental shrimps? (tick appropriate)
Yes No


Are there any conflicts /competition among wild collector/ hobbyist/ aquarist? Yes/ No


Who do you think are the main consumers in ornamental shrimp trade?



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Tamil Nadu, India

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QUESTIONNAIRE - Business/Trade

Assessing the conservation priority of freshwater ornamental shrimps (Family: Atyidae and Palaemonidae) from the Central Western Ghats, India

FOR INTERVIEWER ONLY Interview no: _____

Date: _____ Interviewer name: _____ Time: _____

Location information:
Latitude, Longitude: _____ Altitude: _____

Interview location: Aquarium shop River banks/ wild collection site Home Fish landing
 Other

Please specify if 'Others': _____

Interview circumstance: Business Home Fishers

Gender of interviewee: Male Female

Is a translator or intermediate person being used to help conduct this interview? Yes/ No
.....

How old are you?
Less than 15 16-30 31-50 More than 50

What is the age of entry into ornamental trade business/ wild collection/ home aquaria?
.....

Is this your primary occupation?
.....

Educational status?
1-5 6-12 Graduate PhD

Why did you choose this as an occupation?
Hereditary Due to Interest Lack of employment and capital Profitable

Is any permission required from government for collection and selling of ornamental shrimps? Yes/ No

Are there any conflicts /competition among wild collectors/ hobbyists/ aquarists? Yes/ No



Who do you think are the main consumers in ornamental shrimp trade?

Do you have any credit bondage with middle man? Yes/ No

What is the role of middle man? Trader/Hobbyist/Aquarist/ Others (bridge wild collectors and wholesalers, Exporter, owner of holding/ quarantine facility)

What's the shipping method used? Locations to which you ship the shrimps. [Train, Flight, Bus or Door-Delivery]


What do you feed the shrimp until it's sold? Indian shrimp feed / Imported shrimp feed/ Natural feed Indian almond leaf/ cones/ Others (please specify)





Ornamental Freshwater Shrimps of India

Join our survey on conserving India's freshwater ornamental shrimps. Share your insights to protect their habitat and diversity. Make a difference for these unique aquatic creatures!

Kindly provide responses to the questions you are familiar with.

kunjulakshmi4@gmail.com Switch accounts 

 Not shared

* Indicates required question

Name *

Your answer _____

Email address *

Your answer _____

Age *

Less than 15

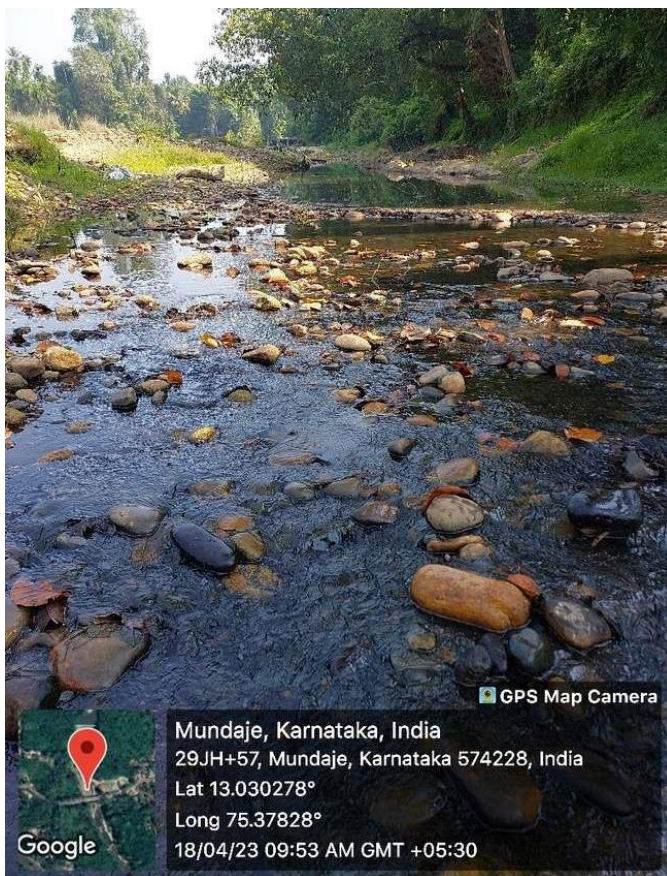
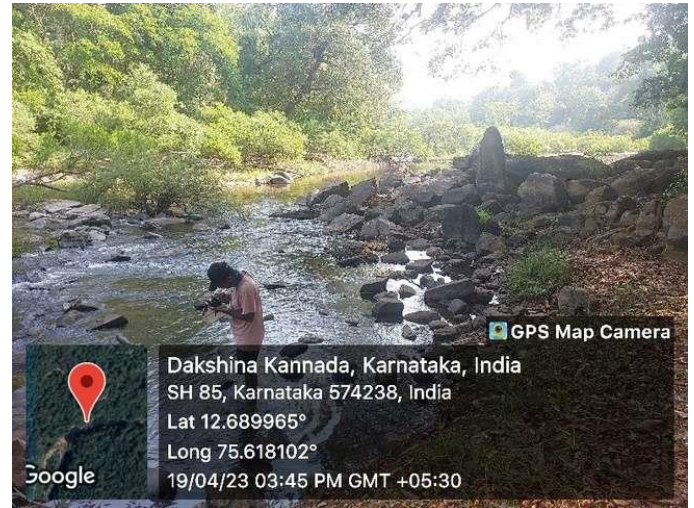
16-30

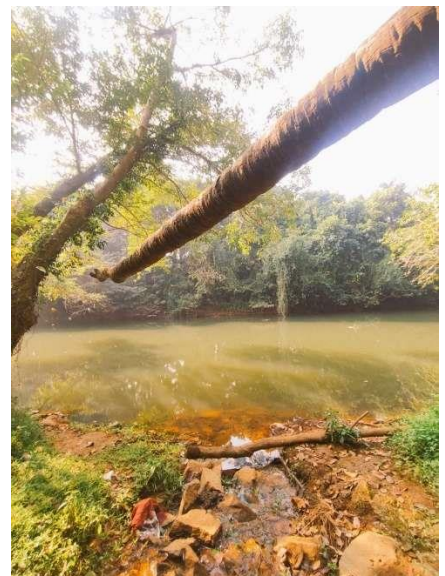
31-50

More than 50

Google form link for questionnaire survey: <https://docs.google.com/forms/d/e/1FAIpQLSfQJptJmnuoR3nwNF0N4W-xWAJ9WOJMmcVIIshYCXZb1w73w/viewform?pli=1>

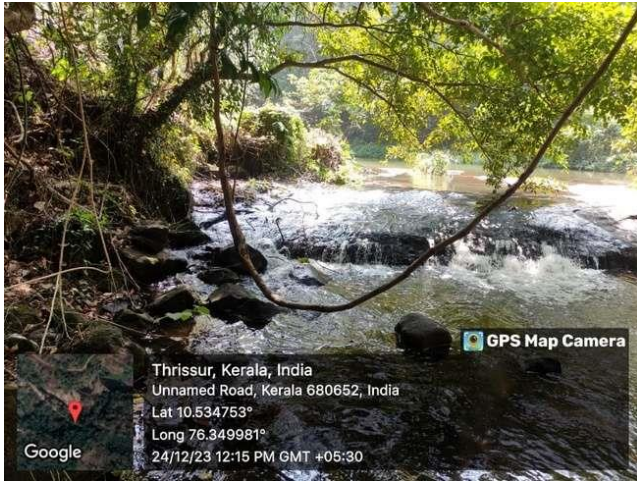
SAMPLING SITES & HABITATS OF FRESHWATER SHRIMPS



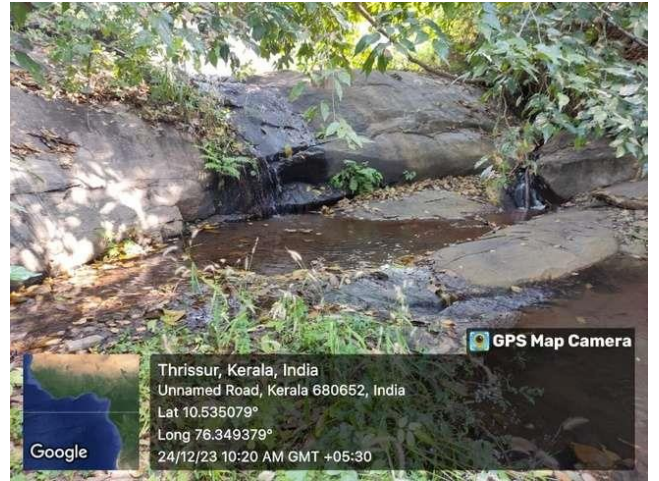




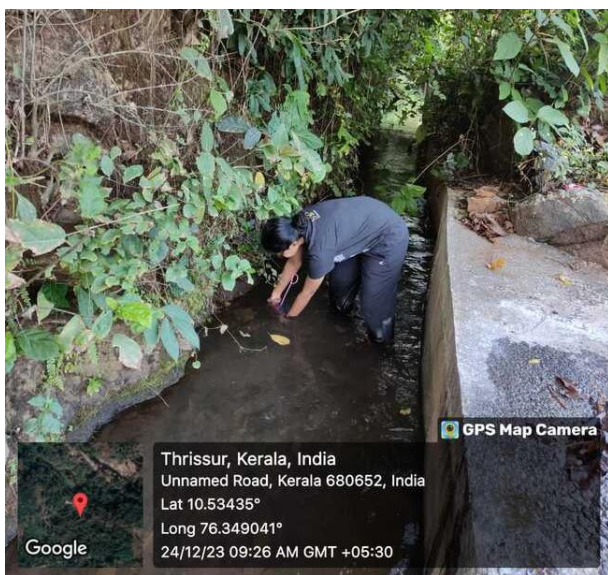
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Long 75.883232°
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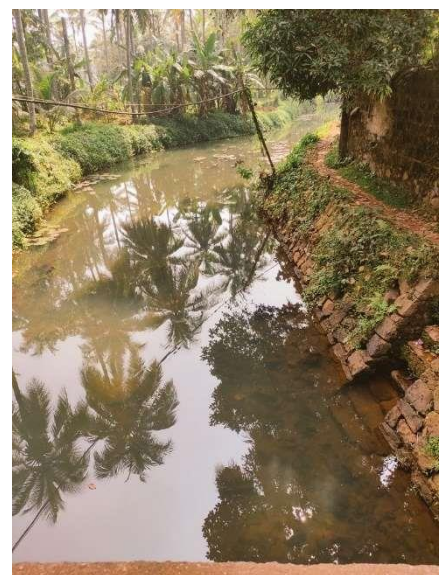
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Unnamed Road, Kerala 680652, India
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Long 76.349041°
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Freshwater shrimps found in wells and captured using home-made Minnow traps