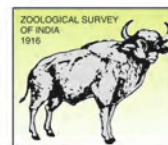




जहाँ है हरियाली ।
वहाँ है खुशहाली ॥



Animal Discoveries 2012

New Species and New Records



**Government of India
Ministry of Environment and Forests
Zoological Survey of India**

5th June, 2013

Animal Discoveries 2012

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Compiled by

Director, Zoological Survey of India

Published by

Zoological Survey of India

Ministry of Environment and Forests

M-Block, New Alipore, Kolkata - 700 053

Website : <http://www.zsi.gov.in>

Animal Discoveries 2012 - A Summary

During 2012, 133 new species and 109 new records of animals discovered, described and reported from India.

133 Species of Animals new to science from India

- * 1 species of Apicomplexa
- * 1 species of Ciliophora
- * 3 species of Sarcomastigophora
- * 1 species of Cnidaria
- * 2 species of Cestoda
- * 6 species of Trematoda
- * 3 species of Monogenea
- * 12 species of Nematoda
- * 2 species of Echinodermata
- * 66 species of Insects
- * 3 species of Mites
- * 4 species of Spiders
- * 1 species of Centipede
- * 2 species of Crustacea
- * 2 species of Mollusca
- * 19 species of Pisces
- * 2 species of Amphibians
- * 2 species of Reptilia
- * 1 species of Bird

109 Species of Animals new records from India

- 42 species of Corals
- 12 species of Nematoda
- 20 species of Insects
- 1 species of Spider
- 9 species of Mites
- 1 species of Crustacea
- 12 species of Mollusca
- 10 species of Echinoderms
- 2 species of Fish

जयंती नटराजन
Jayanthi Natarajan



राज्य मंत्री (स्वतंत्र प्रभार)
पर्यावरण एवं वन मंत्रालय
भारत सरकार
नई दिल्ली-110003
MINISTER OF STATE (INDEPENDENT CHARGE)
ENVIRONMENT & FORESTS
GOVERNMENT OF INDIA
NEW DELHI - 110 003

Message

If a stranger from a distant galaxy were to visit planet Earth, the first thing that would baffle and astonish him would perhaps be the enormous diversity of living forms that he would encounter. Even for humans, the most powerful living form, the rich variety of living creatures with which they share this planet never ceases to be wondered. In Earth's biosphere immense diversity (heterogeneity) exists not only at the species level but all levels of biological organisations. The diversity of species on Earth constitutes a natural heritage and life support system for all people. Humans have always depended on biodiversity around them for food, fuel, shelter and health. Human activity through ages has however severely degraded the biodiversity of the Earth primarily through profound modifications of its habitats and ecosystems. There has been a general scientific consensus that if the current rate and nature of disturbances continue, a severe extinction episode will take place.

For achieving sustainable development and conserving biodiversity it has been recognised that a taxonomic perspective has to be integrated into the programmes and policies of the government. This aspect comes out as the most prominent one while the question of India's repository of genetic wealth as compared to the rest of the world is raised. The institution and individuals involved in exploration and documentation of living resources become responsible to address the issue and the role of Zoological Survey of India (ZSI) emerges out in the forefront while the country's faunal resource is taken into consideration.

The Zoological Survey of India - a taxonomic institution under the Ministry of Environment and Forests has dedicated itself in exploring country's faunal resources. Over the last few decades, scientists working in the ZSI have collected more than a million specimens right from protozoa to mammals. As a result of this constant increase in number of species, ZSI with the help of MoEF has decided to bring out a publication on the new discoveries made in India with regard to Indian fauna. I am indeed happy to know that this document highlights 133 species which are new to science being discovered by scientists from ZSI and other universities and colleges across the country. This document also highlights 109 species which have been reported for the first time from India. This shows the extent of biodiversity our country holds within it. I am sure that by exploring the various remote and isolated places within the 10 major bio-geographic zones of our country we can discover many more species.

I congratulate Director, ZSI and his team of scientists for expanding knowledge about Indian biodiversity. I sincerely hope that the Zoological Survey of India under his leadership will continue to prosper and serve the nation in the field of animal taxonomy, natural history and faunal conservation.


(Jayanthi Natarajan)

वी० राजगोपालन
Dr. V. RAJAGOPALAN, IAS



सचिव
भारत सरकार
पर्यावरण एवं वन मंत्रालय
Secretary
Government of India
Ministry of Environment and Forests

FOREWORD

Utmost fundamental to understanding the aspects and dimensions of biodiversity is perhaps an inventory of how many species exist. The present state of knowledge does not go beyond a total of 1.7 million species of plants, animals and microbes on earth. But in reality, this figure is merely a part of the total in existence. As such there is an urgent need for better data on many hyper-diverse groups like, insects, nematodes, protozoan, fungi, bacteria, etc. Biodiversity is not evenly distributed over the countries of the world. A small number of countries, lying entirely or partly in the tropics, accounts for a high proportion of world's biodiversity and are recognized as 'mega diversity countries'. Fortunately, India is one of the mega diversity countries and indeed blessed with a large fauna.

In the background of the need for improved knowledge base of the existing faunal diversity of the Indian Union and gravity of the issue, the Zoological Survey of India (ZSI) has been the premier institution in the country with an extensive set up for survey and exploration of faunal resources in all parts as well as different ecosystems of the country.

The document prepared by the ZSI includes information about 133 species which are new to science and prepared in collaboration between the scientists of ZSI and other universities and colleges across the country. The ZSI has compiled information on 109 species being reported for the first time from India.

The Zoological Survey of India, continues to support the Ministry of Environment & Forests in terms of providing information on certain important and threatened species for preparation of species specific conservation assessment reports. I am sure that the present document in line with what ZSI had prepared during the last couple of years only would help increase our knowledge on some of the unknown yet valuable creatures with which we share our daily lives. Nevertheless, it is our responsibility to safeguard the healthy population of such fauna which either directly or indirectly helps mankind in many ways. Our strength is our natural wealth. Only a few countries in the world are endowed with such a rich biodiversity and in order to be in the list of privileged nations we need to take fresh initiatives to conserve flora and associated fauna and at the same time continue to explore the regions in order to find new species.

I am sure that the ZSI will add many more feathers to its cap by bringing out this document each year highlighting new species and new descriptions to India.

Dr. V. Rajagopalan



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PREFACE

The Zoological Survey of India in the last couple of years has taken up the tasks of compiling information on the new faunal species being described in India and records of new species reported from within the Indian territory as a result of some species' extended distributional ranges. Our previous documents on 'Animal discoveries' had revealed what we achieved in the last couple of years in terms of documenting species new to science. Similarly, as a routine and ongoing work, our scientists continue to explore more and more areas within India in order to document the faunal diversity of various groups of animals.

As a result of these surveys, in 2012, we have compiled information about 133 new species to India and some additional information on another 109 species they have been reported for the first time from India. The significant one would be the possible occurrence of yet to be described new *Rallina* crane from the Great Nicobar Island. Though our researchers had taken a picture of this elusive bird during one of their surveys in the Island, efforts are on to gather more information on this bird including netting an individual for proper description.

Similarly, we have reported 42 species of hard and soft corals from Andaman and Nicobar chain of Islands. We have a strong affinity towards marine organisms, especially the corals. A very few institutes in India concentrate on marine organisms and our Regional Centres in Port Blair and Chennai work on Andaman and Nicobar region and East Coast of India including the Gulf of Mannar region. Due to climate change and recent tsunami, many coral dominant regions in both Andaman and Gulf of Mannar get affected. Considerably higher number (42) of corals reported from India for the first time in just one year shows how important the whole region is in terms of marine biodiversity.

We also collaborate with various universities and colleges in India to document new species. Our expertise and vast collection of type materials on almost all groups of animals attract other researchers from outside ZSI to seek our help in documenting specimens that they have collected from various parts of the country.

I earnestly request all researchers working in the field of animal taxonomy to send us their new descriptions each year so as to compile and bring out 'Animal Discoveries' each year for the benefit of young and new animal taxonomists.

Kolkata
02 May, 2013

(K. VENKATARAMAN)



Animal Discoveries 2012





ESTIMATED FAUNAL DIVERSITY IN INDIA

In the light of Biodiversity Convention, India holds a unique position with the priority of conserving natural resources for sustainable development. India is very rich in terms of biological diversity due to its unique biogeographical location and diversified climatic conditions. Infact, having only about 2% of world's total land surface, India is known to have over 7.52% of the total animal species the world currently holds and; this percentage accounts for 92,279 species so far known in India and of which insects alone include 61,461 species. It is estimated that about two times the present number of species still remain to be discovered in India alone.

Table-1. Estimated Faunal Diversity in India (updated, January 2013)

Taxonomic Group	No. of Species		% in India
	World	India	
PROTISTA (Protozoa)	31255	2582	8.26
ANIMALIA			
Mesozoa	71	10	14.08
Porifera	4562	500	10.70
Cnidaria	9924	1042	10.50
Ctenophora	100	12	12.00
Platyhelminthes	17522	1650	9.42
Rotifera	2500	330	13.20
Gastrotricha	3000	100	3.33
Kinorhyncha	100	10	10.00
Nematoda	30040	2902	9.66
Acanthocephala	800	229	28.62
Sipuncula	145	35	24.14
Mollusca	66537	5169	7.77
Echiura	127	43	33.86
Annelida	12701	842	6.63
Onychophora	100	1	1.00
Arthropoda	999059	71480	7.15
Crustacea	35538	2944	8.28
Insecta	867582	61461	7.08
Arachnida	73451	5850	7.96
Pycnogonida	600	17	2.83
Chilopoda	3001	101	3.37
Diplopoda	7500	162	2.16
Symphyla	120	4	3.33
Merostomata	4	2	50.00
Phoronida	11	3	27.27
Bryozoa (Ectoprocta)	4000	200	5.00
Entoprocta	60	10	16.66
Brachiopoda	300	3	1.00
Chaetognatha	111	30	27.02
Tardigrada	514	30	5.83
Echinodermata	6225	779	12.51
Hemichordata	120	12	10.00
Chordata	46499	5163	10.65
Protochordata	2106	119	5.65
Pisces	21753	2662	12.24
Amphibia	5187	314	6.05
Reptilia	5821	464	7.97
Aves	9027	1233	13.66
Mammalia	4629	397	8.58
Total (Animalia)	1195887	89697	7.50
Grand Total (Protista + Animalia)	1227142	92279	7.52



Animal Discoveries 2012



ONE NEW SPECIES OF APICOMPLEXA

Phylum :	APICOMPLEXA
Class :	CONOIDASIDA
Order :	EUCOCCIDIORIDA
Family :	HEPATOZOIDAE
Genus :	<i>Hepatozoon</i> Miller, 1908

1. *Hepatozoon gangwarii* Gupta, Gupta and Gangwar

Locality : Rohilkhand, India.

Journal : *Proceedings of the Zoological Society*, **65**(1): 22-32.

Year : 2012

Described by : D. K. Gupta, N. Gupta and R. Gangwar.

Remarks : Parasitic on *Bufo melanostictus* (Schneider, 1799).

ONE NEW SPECIES OF CILIOPHORA

Phylum :	CILIOPHORA
Class :	SPIROTRICHEA
Order :	SPORADOTRICHIDA
Family :	OXYTRICHIDAE
Genus :	<i>Oxytricha</i> Bory de Saint-Vincent, 1824

2. *Oxytricha susheelum* Deshmukh, Nikam, Jawale, Shaikh and More

Locality : Aurangabad, Maharashtra, India.

Journal : *Trends in Parasitology Research*, **1**(1).

Year : 2012

Described by : Deshmukh N. Z., Nikam S. V., Jawale C. S., Shaikh T. T. and More B. V.



THREE NEW SPECIES OF SARCOMASTIGOPHORA

Phylum :	SARCOMASTIGOPHORA
Class :	KINETOPLASTIDA
Order :	TRYPANOSOMATIDA
Genus :	<i>Trypanosoma</i> Gruby, 1843

3. *Trypanosoma bisalpurensis* Gupta, Gupta and Gangwar

Locality : Rohilkhand, India.

Journal : *Proceedings of the Zoological Society*, **65**(1): 22-32.

Year : 2012

Described by : D. K. Gupta, N. Gupta and R. Gangwar.

Remarks : Parasitic on *Bufo melanostictus* (Schneider, 1799).

Class :	LOBOSEA
Order :	TESTACEALOBOSA
Family :	CENTROPYXIDAE
Genus :	<i>Centropyxis</i> Stein, 1857

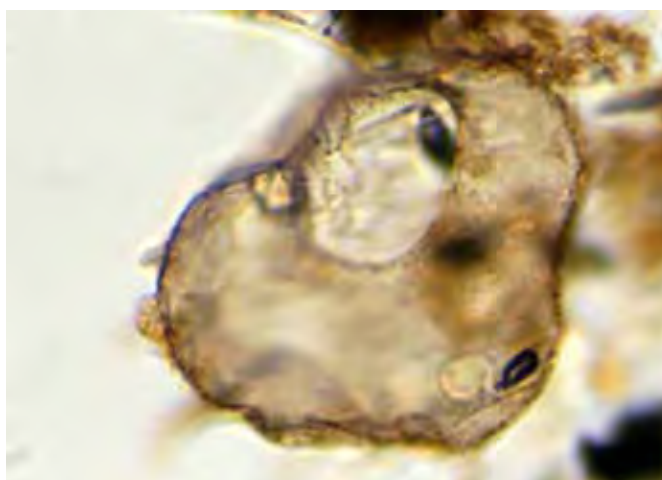
4. *Centropyxis faizabadensis* Bindu

Locality : Faizabad, Uttar Pradesh, India.

Journal : *Uttar Pradesh Journal of Zoology*, **32**(1) : 141-143.

Year : 2012

Described by : Bindu, L





Animal Discoveries 2012



Genus : *Cyclopyxis* Deflandre, 1929

5. *Cyclopyxis bharateii* Bindu

Locality : Bharatkund, Ayodhya, Uttar Pradesh, India.

Journal : Uttar Pradesh Journal of Zoology, 32(1) : 141-143.

Year : 2012

Described by : Bindu, L



ONE NEW SPECIES OF CNIDARIA

Class : CNIDARIA

Order : BIVALVULIDA

Family : SPHAEROSPORIDAE

Genus : *Myxobilatus* Davis, 1944

6. *Myxobilatus anteronippus* Basu, Modak and Haldar

Locality : India.

Journal : Animal Biology, 62(2) : 119-127.

Year : 2012

Described by : Saugata Basu, Biplob Kumar Modak and Durga P. Haldar.



TWO NEW SPECIES OF CESTODA

Phylum : PLATYHELMINTHES
Class : CESTODA
Order : TETRAPHYLLIDEA
Family : ONCHOBOTHRIIDAE
Genus : *Phoreiobothrium* Linton, 1889

7. *Phoreiobothrium gawali* Khadap and Dandwate

Locality : Bancot, Ratnagiri, Maharashtra, India.

Journal : *International Multidisciplinary Research Journal*, 2(6) : 62-63

Year : 2012

Described by : R. M. Khadap and R.R. Dandwate.

Remarks : Parasitic on *Cracharis acutus* (Muller and Henle, 1906)

Order : PSEUDOPHYLLIDEA
Family : PSEUDOPHYLLIDAE
Genus : *Circumoncobothrium* Shinde, 1968

8. *Circumoncobothrium sarangkhedensis* Pawar, Patil, Shewale and Patel

Locality : Maharashtra, India.

Journal : *Science Research Link*, **105**, Vol XI (10) : 37-39.

Year : 2012

Described by : L. B. Pawar, D. N. Patil, S. S. Shewale and N. G. Patel.





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SIX NEW SPECIES OF TREMATODA

Phylum : PLATYHELMINTHES
Class : TREMATODA
Order : DIGenea
Family : BATRACHOTREMATIDAE
Genus : *Batrachotrema* Dollfus and Williams, 1966

9. *Batrachotrema korbaensis* Rizvi, Bhutia and Bursey

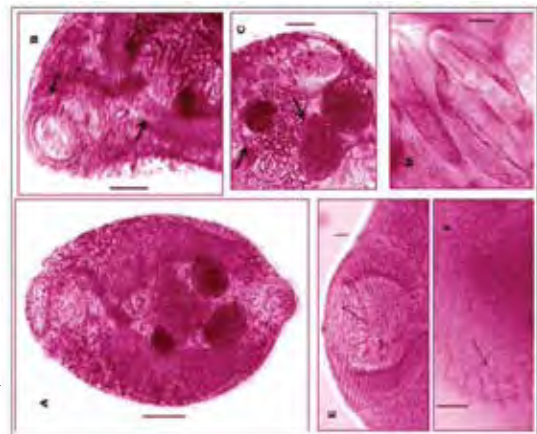
Locality : Korba village, district Dehradun, Uttarakhand, India.

Journal : *Acta Parasitologica* (Springer-Poland), 57 : 154-159.

Year : 2012

Described by : A. N. Rizvi, P. T. Bhutia and C. R. Bursey.

Remarks : Parasitic on the large intestine of Nepal Paa Frog, *Nanorana minica* (Dubois, 1975)



Genus : *Opisthioparorchis* Wang, 1980

10. *Opisthioparorchis dehradunensis* Rizvi, Bhutia and Bursey

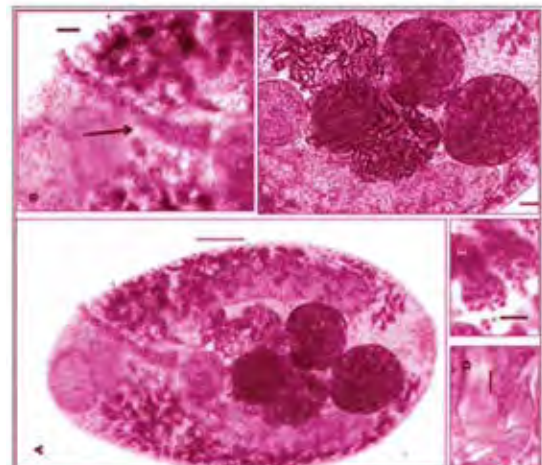
Locality : Korba village, district Dehradun, Uttarakhand, India.

Journal : *Acta Parasitologica* (Springer-Poland), 57 : 154-159.

Year : 2012

Described by : A. N. Rizvi, P. T. Bhutia and C. R. Bursey.

Remarks : Parasitic on the large intestine of Nepal Paa Frog, *Nanorana minica* (Dubois, 1975).



11. *Opisthioparorchis nanoranae* Rizvi, Bhutia and Bursey

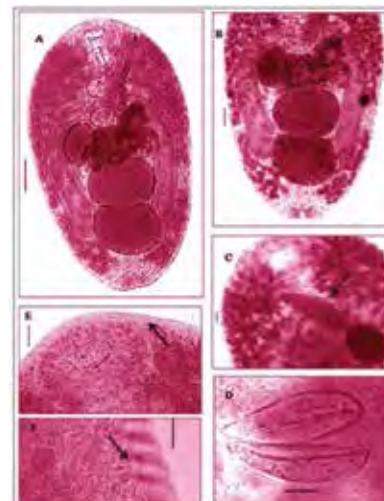
Locality : Korba vill., district Dehradun, Uttarakhand, India.

Journal : *Acta Parasitologica* (Springer-Poland), **57** : 154-159.

Year : 2012

Described by : A. N. Rizvi, P. T. Bhutia and C. R. Bursey.

Remarks : *Opisthioparorchis nanoranae* Rizvi, Bhutia and Bursey, 2012, represents the 9th species assigned to the genus and the 3rd species reported from India. It is parasitic on the large intestine of Nepal Paa Frog, *Nanorana minica* (Dubois, 1975).



Family : ECHINOSTOMATIDAE

Genus : *Episthmium*

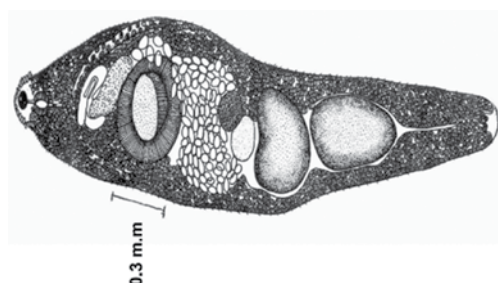
12. *Episthmium solanensis* Chakrabarti and Ghosh

Locality : Solan, Himachal Pradesh, India.

Journal : *Rec. zool. Surv. India*, **112**(1) : 43-47.

Year : 2012

Described by : Shuvajit Chakrabarti and Anindita Ghosh.



Family : DICROCOELIDAE

Genus : *Zonorchis*

13. *Zonorchis sanglaensis* Chakrabarti, Ghosh and Venkataraman

Locality : Sangla, Himachal Pradesh, India.

Journal : *Trends in parasitological Research*, **1**(2) : 1-3

Year : 2012

Described by : Shuvajit Chakrabarti, Anindita Ghosh and Venkataraman, K.





Animal Discoveries 2012



14. *Zonorchis unnai* Chakrabarti, Ghosh and Venkataraman

Locality : Unna, Himachal Pradesh, India.

Journal : Proc. Nat. Sem. Parasite fate into living syst., 24th-25th August, 2012.

Year : 2012

Described by : Shuvajit Chakrabarti, Anindita Ghosh and Venkataraman, K.



THREE NEW SPECIES OF MONOGENEA

Phylum : PLATYHELMINTHES
Class : MONOGENEA
Order : MONOPISTHOCOTYLEA
Family : DACTYLOGYRIDAE
Genus : *Thaparocleidus* Jain, 1952

15. *Thaparocleidus longiphallus* Chaudhary and Singh

Locality : Uttar Pradesh, India.

Journal : Journal of Helminthology, 2012 March 26 : 1-14.

Year : 2012

Described by : A. Chaudhary and H. S. Singh.

Remarks : Parasitic on *Wallago attu* (Bloch and Schin).

16. *Thaparocleidus siloniansis* Chaudhary and Singh

Locality : Uttar Pradesh, India.

Journal : Journal of Helminthology, 2012 March 26 : 1-14.

Year : 2012

Described by : A. Chaudhary and H. S. Singh.

Remarks : Parasitic on *Silonia silonia* (Ham.).



Genus : *Bychowskyella* Achmerow, 1952

17. *Bychowskyella idolus* Tripathy, Pandey and Agarwal

Locality : River Song, Dehradun, India.

Journal : *Pakistan Journal of Zoology*, **44**(3) : 829-835.

Year : 2012

Described by : Priyanka Tripathi, Keshava C. Pandey and Nirupama Agarwal.

Remarks : From the gills of *Glyptothorax* sp. (Siluriformes).

TWELVE NEW SPECIES OF NEMATODA

Class : ADENOPHOREA

Order : DORYLAIMIDA

Family : DORYLAIMIDAE

Genus : *Laimydorus* Siddiqi, 1969

18. *Laimydorus istvani* Sen, Chatterjee and Manna

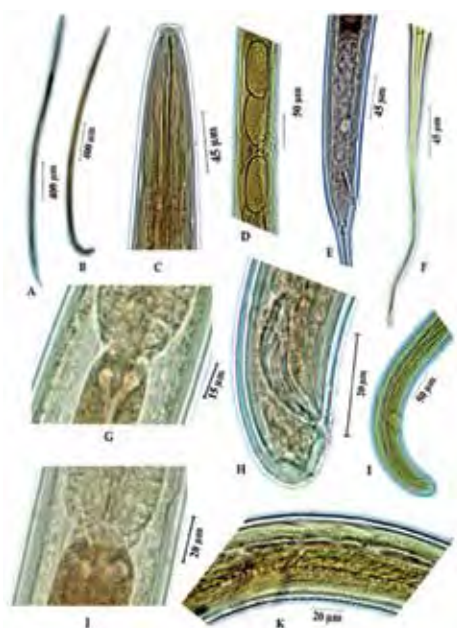
Locality : Baruipur, South 24 Parganas, West Bengal, India.

Journal : *Zootaxa*, **3258** : 46-57.

Year : 2012

Described by : Debabrata Sen, Amalendu Chatterjee and Buddhadeb Manna.

Remarks : Small populations of *Laimydorus istvani* was collected from the soil around the roots of guava at South 24-Parganas district, West Bengal, India.





Animal Discoveries 2012



Genus : *Coomansinemoides* n. gen

19. *Coomansinemoides wasimi* Sen, Chatterjee and Manna

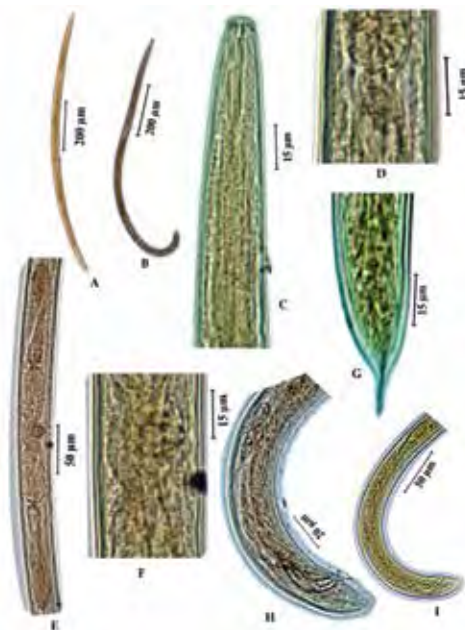
Locality : Baruipur, South 24 Parganas, West Bengal, India.

Journal : *Proceedings of the National Academy of Sciences, India, Section B : Biological Sciences*, **82**(4) : 511-516.

Year : 2012

Described by : Debabrata Sen, Amalendu Chatterjee and Buddhadeb Manna.

Remarks : *Coomansinemoides wasimi* represent new species as well as new genus. It was collected from the soil around the roots of guava.



Genus : *Indodorylaimus* Ali & Prabha, 1974

20. *Indodorylaimus asaccatus* Sen, Chatterjee and Manna

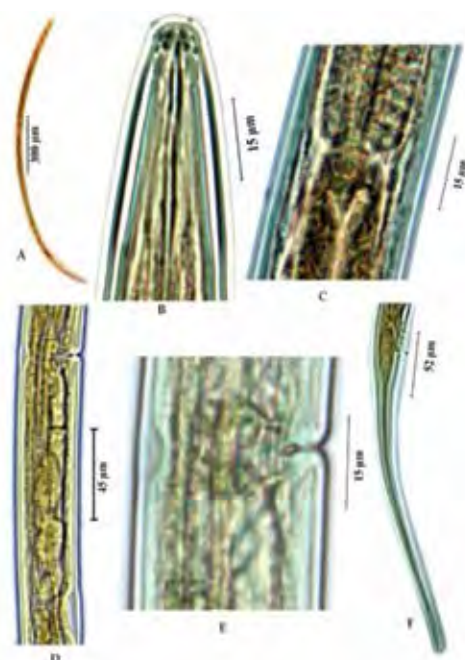
Locality : Baruipur, South 24 Parganas, West Bengal, India.

Journal : *Rec. zool. Surv. India*, **112**(1) : 11-20.

Year : 2012

Described by : Debabrata Sen, Amalendu Chatterjee and Buddhadeb Manna.

Remarks : A small female population of *Indodorylaimus asaccatus* was collected from soil around the roots of guava (*Psidium guajava* L.) at South 24 Parganas district, West Bengal, India.



21. *Indodorylaimus baqrii* Sen, Chatterjee and Manna

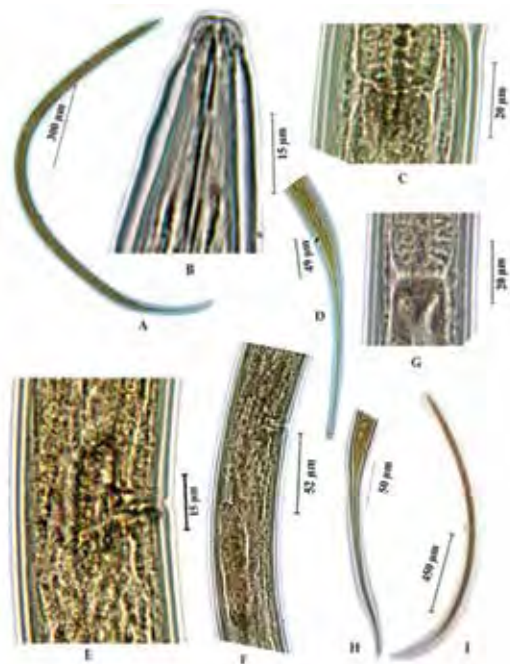
Locality : Baruipur, South 24 Parganas, West Bengal, India.

Journal : *Rec. zool. Surv. India*, **112**(1) : 11-20.

Year : 2012

Described by : Debabrata Sen, Amalendu Chatterjee and Buddhadeb Manna

Remarks : A small female population of *Indodorylaimus baqrii* was collected from soil around the roots of guava (*Psidium guajava* L.) and litchi (*Litchi chinensis* Sonn.) at South 24 Parganas district, West Bengal, India.



Family : APORCELAIMIDAE

Genus : *Paraxonchium*

22. *Paraxonchium maximus* Sen, Chatterjee and Manna

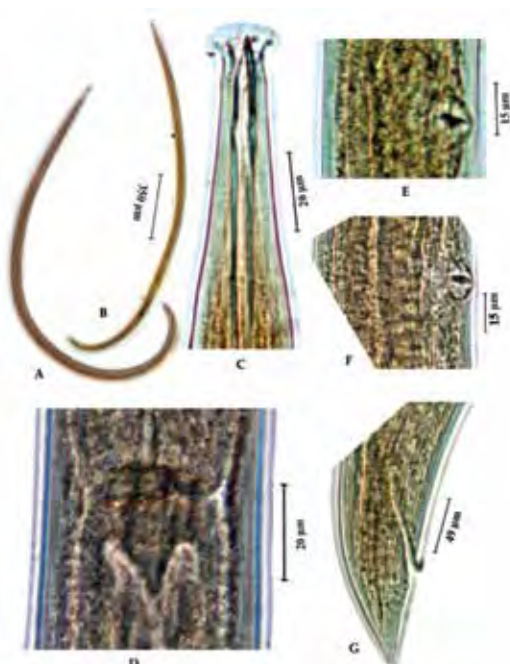
Locality : Sonarpur, South 24 Parganas, West Bengal, India.

Journal : *International Journal of environmental Sciences*, **1** (3) : 273-277.

Year : 2012

Described by : Debabrata Sen, Amalendu Chatterjee and Buddhadeb Manna.

Remarks : *Paraxonchium maximus* was collected from soil around the roots of guava.





Animal Discoveries 2012

Family : MYDONOMIDAE

Genus : *Dorylaimoides*

23. *Dorylaimoides (Dorylaimoides) geraldii* Sen, Chatterjee and Manna

Locality : Baruipur, South 24 Parganas, West Bengal, India.

Journal : *Journal of Parasitic Diseases*

Year : 2012 (published online; Print Version will be published in 2013)

Described by : Debabrata Sen, Amalendu Chatterjee and Buddhadeb Manna

Remarks : A few specimens were collected from the soil around the roots of litchi (*Litchi chinensis* Sonn.) plantations in South 24-Parganas district of West Bengal, India.



Order : TYLENCHIDA

Family : APHELENCHOIDIDAE

Genus : *Aphelenchoides* Fischer, 1894

24. *Aphelenchoides dhanachandi* Bina Chanu, Mohilal and Shah

Locality : Manipur, India.

Journal : *Biologia*, **67**(3) : 530-534.

Year : 2012

Described by : Loukrakpam Bina Chanu, Naorem Mohilal and Mohammed Manjur Shah.



25. *Aphelenchoides neoechinocaudatus* Bina Chanu, Mohilal and Shah

Locality : Manipur, India.

Journal : *Biologia*, **67**(3) : 530-534.

Year : 2012

Described by : Loukrakpam Bina Chanu, Naorem Mohilal and Mohmmmed Manjur Shah.

Family : BELONOLAIMIDAE

Genus : *Trophurus* Loof, 1956

26. *Trophurus clavicaudatus* Sen, Chatterjee and Manna

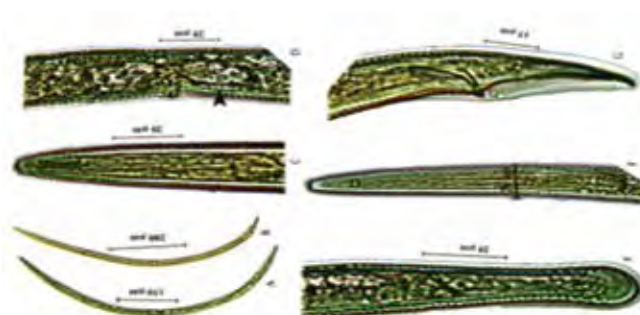
Locality : South Kalyanpur, South 24 Parganas district, West Bengal, India.

Journal : *Rec. zool Surv. India*, **112**(Part-2) : 27-34.

Year : 2012.

Described by : Debabrata Sen, Amalendu Chatterjee and Buddhadeb Manna

Remarks : This new species is characterized by its club-shaped tail.



Family : BELONDIRIDAE

Genus : *Axonchium* Cobb 1920

27. *Axonchium meghalayense* Naz and Ahmad

Locality : India

Journal : *Zootaxa*, **3264**, 1-37

Year : 2012

Described by : Tabbasam Naz and Wasim Ahmad





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28. *Axonchium noreasum* Naz and Ahmad

Locality : India

Journal : Zootaxa, 3264, 1-37

Year : 2012

Described by : Tabbasam Naz and Wasim Ahmad

Family : QUDSIANEMATIDAE

Genus : *Labronema* Thorne, 1939

29. *Labronema neodiversum* Mondal, Manna and Gantait

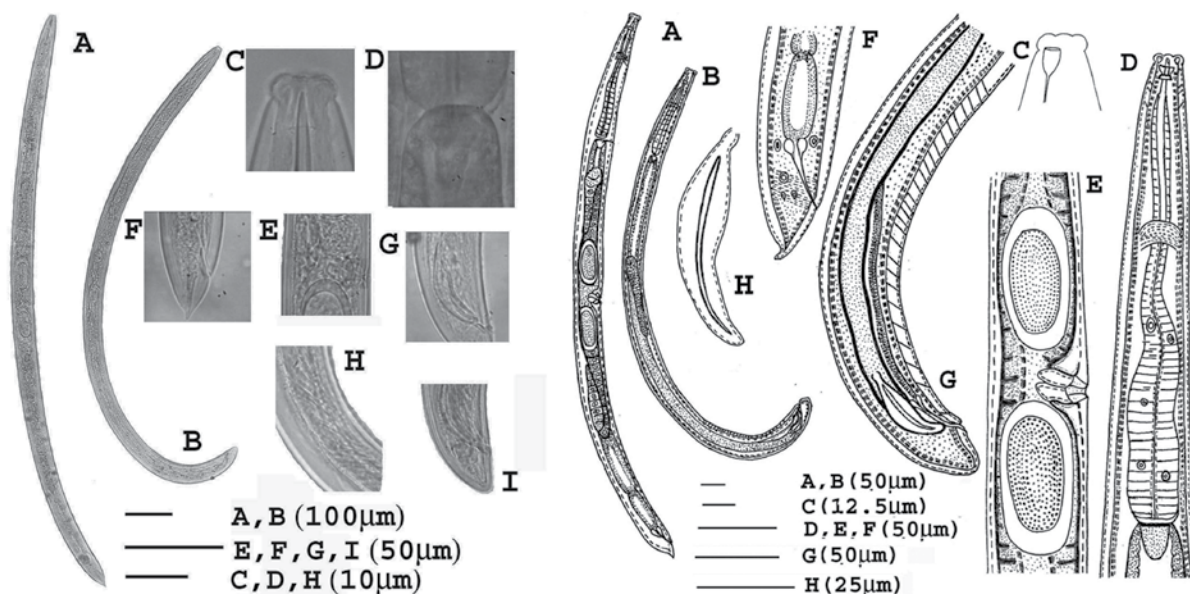
Locality : Alipur Zoo at Kolkata, West Bengal, India.

Journal : Nematologia Mediterranea, Italy.

Year : 2012

Described by : S. Mondal, B. Manna and V.V. Gantait

Remarks : Collected from soil around roots of unidentified grass.



TWO NEW SPECIES OF ECHINODERMATA

Phylum : ECHINODERMATA
Class : OPHIUROIDEA
Order : OPHIURIDA
Family : OPHIURIDAE
Genus : *Ophioleuce* Koehler, 1904

30. *Ophioleuce longispinum* Stohr, Sautya and Ingole

Locality : Andaman Sea, Andaman Back_Arc basin, India.

Journal : Journal of the Marine Biological Association of the United Kingdom, **92**(5), 1195-1208

Year : 2012

Described by : Sabine Stohr, Sabyasachi Sautya and Baban Ingole.

Phylum : ECHINODERMATA
Class : OPHIUROIDEA
Order : OPHIURIDA
Family : OPHIURIDAE
Genus : *Ophiophyllum* Lyman, 1876

31. *Ophiophyllum minimum* Stohr, Sautya and Ingole

Locality : Andaman Sea, Andaman Back_Arc basin, India.

Journal : Journal of the Marine Biological Association of the United Kingdom, **92**(5), 1195-1208

Year : 2012

Described by : Sabine Stohr, Sabyasachi Sautya and Baban Ingole.





Animal Discoveries 2012

SIXTY SIX NEW SPECIES OF INSECTS

Phylum : ARTHROPODA
Class : INSECTA
Order : BLATTODEA
Family : MESOBLATTINIDAE
Genus : *Archimesoblatta* Vrsansky, 2003

32. *Archimesoblatta shiva* Engel and Fuente

Locality : Andhra Pradesh, India.

Journal : *Journal of the Kansas Entomological Society*, **85**(1) : 1-4.

Year : 2012

Described by : Michael S. Engel and Ricardo Pérez-de La Fuente.

Order : COLEOPTERA
Family : GEOTRUPIDAE

33. *Bolbohamatum achanakmarini* Chandra and Gupta

Locality : Chhattisgarh, Bilaspur, Achanakmar-Amarkantak Biosphere Reserve, Tilai Dabra, India.

Journal : *Records of Entomological Research*, **36**(4) : 383-385.

Year : 2012

Described by : Kailash Chandra and Devanshu Gupta.



Family : SILVANIDAE

Genus : *Acathartus*

34. *Acathartus idu* Pal and Baraik

Locality : Lower Dibang Valley District, Ijing, Roing I, India.
Arunachal Pradesh, India.

Journal : *Rec. zool. Surv. India*, **112**(4) : 61-84.

Year : 2012

Described by : T. K. Pal and B. Baraik.



Subfamily : CRYPTAMORPHINAE

Genus : *Cryptamorpha* Wollaston

35. *Cryptamorpha foveicollis* Pal and Baraik

Locality : West Kameng District, Gandhi Colony,
Bomdila, Arunachal Pradesh, India.

Journal : *Rec. zool. Surv. India*, **112**(4) : 61-84.

Year : 2012

Described by : T. K. Pal and B. Baraik.





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Family : SCARABAEIDAE
Genus : *Onthophagus* latreille, 1802

36. *Onthophagus tnai* Sathiandran and Sabu

Locality : Western Ghats, India.

Journal : *Zootaxa*, **3526** : 53–58

Year : 2012

Described by : Nithya Sathiandran and Thomas K. Sabu.

Family : SCIRTIDAE
Genus : *Hydrocyphon*

37. *Hydrocyphon serratibasialis* Yoshitomi

Locality : Kerala, India.

Journal : *Psyche*, **2012**, Article ID 603875, 16 pages.

Year : 2012

Described by : Hiroyuki Yoshitomi.

Family : STAPHYLINIDAE
Genus : *Scaphisoma* Leach, 1815

38. *Scaphisoma germanni* Lobl

Locality : Chiriyatapu, South Andaman Is., India.

Journal : *Journal of the Swiss Entomological Society*, **85**(1-2) : 85-90

Year : 2012

Described by : Ivan Lobl.



Genus : *Scaphisoma* Leach, 1815

39. *Scaphisoma adivasisi* Lobl

Locality : Chiriyatapu, South Andaman Is., India.

Journal : *Journal of the Swiss Entomological Society*, **85**(1-2) : 85-90

Year : 2012

Described by : Ivan Lobl.

Genus : *Lathrobium* Gravenhorst, 1802

40. *Lathrobium separatum* Assing

Locality : Darjeeling, W. Bengal, India.

Journal : *Bonn zoological Bulletin*, **61**(2) : 142-209.

Described by : Volker Assing.

41. *Lathrobium discissum* Assing

Locality : Darjeeling, West Bengal, India.

Journal : *Bonn zoological Bulletin*, **61**(2) : 142-209.

Described by : Volker Assing.





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Order : DERMAPTERA
Family : ANISOLABIDIDAE
Genus : *Euborellia*

42. *Euborellia nainitalensis* Lal and Hegde

Locality : From the hills surrounding Sat-Tal lake, Nainital Dist., Uttarakhand, India.

Journal : *Rec. zool. Surv. India*, **112** (1) : 121-124.

Year : 2012

Described by : B. Lal and V. D. Hegde.



Order : DIPTERA
Family : DROSOPHILIDAE
Genus : *Scaptodrosophila*

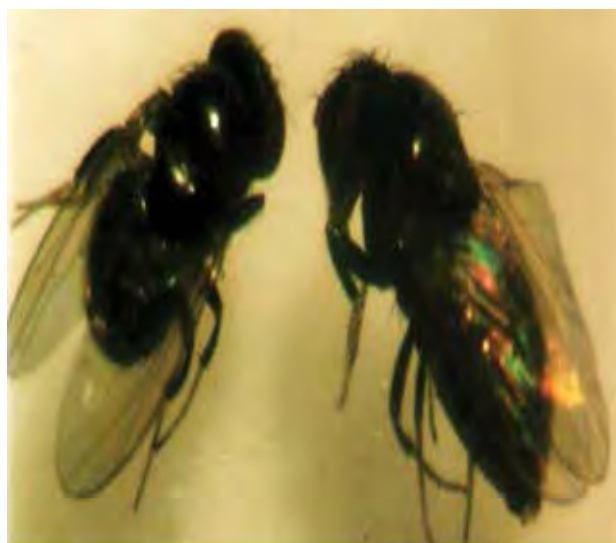
43. *Scaptodrosophila mukherjee* Chatterjee, Rakshit and Chatterjee

Locality : Ballygunge, Kolkata, West Bengal, India.

Journal : *Drosophila Information Services*, **95** : 147-150.

Year : 2012

Described by : Chatterjee, Piyali, Arpita Rakshit and R.N. Chatterjee



Genus : *Scaptomyza*

44. *Scaptomyza jadavpuri* Rakshit, Chatterjee, and Chatterjee

Locality : Jadavpur, Kolkata, West Bengal, India.

Journal : *Drosophila Information Services*, **95** : 150-153.

Year : 2012

Described by : Arpita Rakshit, Piyali Chatterjee and R. N. Chatterjee.



Genus : *Samoaia*

45. *Samoaia bengalensis* Chatterjee and Bhattacharyya

Locality : Uttarpara, Hooghly, West Bengal, India.

Journal : *Drosophila Information Services*, **95** : 153-155.

Year : 2012

Described by : Chatterjee, R.N. and Mausumi Bhattacharyya.



Order : HEMIPTERA

Family : ALEYRODIDAE

Genus : *Singhiella*

46. *Singhiella keralica* Pushpa and Sundararaj

Locality : Thrissur, Kerala, India.

Journal : *Oriental Insects*, **46**(1): 19-29.

Year : 2012

Described by : R. Pushpa and R. Sundararaj





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47. *Singhiella pterygotae* Pushpa and Sundararaj

Locality : Pandalam, Kerala, India.

Journal : *Oriental Insects*, **46**(1): 19-29.

Year : 2012

Described by : R. Pushpa and R. Sundararaj

Family : GERRIDAE

Genus : *Lathriobates*

48. *Lathriobates manohardasi* Chandra and Jehamalar

Locality : Cherukole
Village, Kanyakumari
District, Tamil Nadu, India.

Journal : *Zootaxa*, **3186** :
64–68.

Year : 2012

Described by : Kailash
Chandra and E. Eyarin
Jehamalar.



Family : OCHTERIDAE

Genus : *Ochterus*

49. *Ochterus nicobarensis* Chandra and Jehamalar

Locality : Govind Nagar, Great Nicobar
Biosphere Reserve, Nicobar District, Andaman
and Nicobar Islands, India.

Journal : *Acta Entomologica Musei Nationalis
Pragae*, **52**(1) : 23–28.

Year : 2012

Described by : Kailash Chandra and E. Eyarin
Jehamalar.



Family : LEPTOPODIDAE

Genus : *Letopus*

50. *Letopus marusiki* Vinokurov

Locality : Himachal Pradesh, India.

Journal : *Entomological Review*, **92**(5): 590-592.

Year : 2012

Described by : N. N. Vinokurov.

Family : SALDIDAE

Genus : *Macrosaldula*

51. *Macrosaldula indica* Vinokurov

Locality : Himachal Pradesh, India.

Journal : *Entomological Review*, **92**(8) : 851-860.

Year : 2012

Described by : N. N. Vinokurov.

Genus : *Saldula*

52. *Saldula pericarti* Vinokurov

Locality : Jammu and Kashmir and Himachal Pradesh, India.

Journal : *Entomological Review*, **92**(8) : 851-860.

Year : 2012

Described by : N. N. Vinokurov.



Animal Discoveries 2012



Family : CICADELLIDAE

Genus : *Krisna*

53. *Krisna pampadumparaensis* Meshram and Ramamurthy

Locality : Kerala, India.

Journal : *Florida Entomologist*, **95**(2) : 375-381.

Year : 2012

Described by : Naresh M. Meshram and V. V. Ramamurthy.

Order : HYMENOPTERA

Family : BRACONIDAE

Genus : *Dolichogenidea* viereck, 1911

54. *Dolichogenidea kunhi* Gupta and Kalesh

Locality : India.

Journal : *Zootaxa*, **3413** : 29-43.

Year : 2012

Described by : Ankita Gupta and Kalesh. S

Genus : *Aphidius* Nees

55. *Aphidius bifurcates* Rakshani and Tomanovic

Locality : India.

Journal : *Zootaxa*, **3397** : 45-54.

Year : 2012

Described by : E. Rakshani, H. Barahoei, Z. Ahmed, Z. Tomanovic, M. Jakovic, A. Petrovic, I. Bodlah and P. Stary.



Genus : *Leiophron*

56. *Leiophron sharifi* Shamim

Locality : Uttar Pradesh, India.

Journal : *European Journal of Experimental Biology*, 2(4) : 1376-1381

Year : 2012

Described by : Mohammad Shamim

Genus : *Ephedrus* Haliday

57. *Ephedrus longiarticulatus* Rakshani and Tomanovic

Locality : India.

Journal : *Zootaxa*, 3397 : 45-54.

Year : 2012

Described by : E. Rakshani, H. Barahoei, Z. Ahmed, Z. Tomanovic, M. Jakovic, A. Petrovic, I. Bodlah and P. Sary.

FAMILY : APHELINIDAE

Genus : *Centrodora* Forster, 1878

58. *Centrodora flemingae* Hayat

Locality : India

Journal : *Zootaxa*, 3521 : 39-50.

Year : 2012

Described by : Mohammed Hayat





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Genus : *Proaphelinoides* Girault, 1917

59. *Proaphelinoides assamensis* Hayat

Locality : India

Journal : *Zootaxa*, **3521** : 39-50.

Year : 2012

Described by : Mohammed Hayat

FAMILY : ENCYRTIDAE

Genus : *Copidosoma*

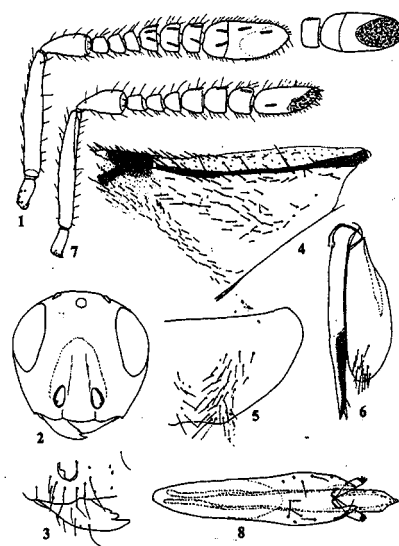
60. *Copidosoma eurystomum* Kazmi and Hayat

Locality : Dhorau and Harduaganj, Aligarh, Uttar Pradesh and Khosia Meta and Sardar Samund lakeside, Jodhpur, Rajasthan, India.

Journal : *Rec. zool. Surv. India*, **112** (1) : 93-98.

Year : 2012

Described by : S. I. Kazmi and M. Hayat.



Genus : *Neastymachus*

61. *Neastymachus punctatiscutellum* Singh

Locality : Makuta near Virajpet, Bannadapaare, Karnataka, India.

Journal : *Journal of Threatened Taxa*, **4**(9) : 2883-2888.

Year : 2012

Described by : Sudhir Singh.



Genus : Zaplatycerus Timberlake, 1925

62. *Zaplatycerus notialis* Hayat and Poorani

Locality : Karnataka, India.

Journal : *Oriental Insects*, Volume **46**, Issue 3-4.

Year : 2012

Described by : M. Hayat and J. Poorani

Family : FORMICIDAE

Genus : Temnothorax Mayr, 1861

63. *Temnothorax himachalensis* Bharti, Gul and Schulz

Locality : Himachal Pradesh and Kashmir, India.

Journal : *Acta Zoologica Academiae Scientiarum Hungaricae*, **58**(4) : 325–336.

Year : 2012

Described by : Bharti, H., Gul, I., and Schulz, A.

64. *Temnothorax kashmirensis* Bharti, Gul and Schulz

Locality : Kashmir, Himachal Pradesh, India.

Journal : *Acta Zoologica Academiae Scientiarum Hungaricae*, **58** (4) : 325–336.

Year : 2012

Described by : Bharti, H., Gul, I., and Schulz, A.

65. *Temnothorax microreticulatus* Bharti, Gul and Schulz

Locality : Himachal Pradesh, India.

Journal : *Acta Zoologica Academiae Scientiarum Hungaricae*, **58**(4) : 325–336

Year : 2012

Described by : Bharti, H., Gul, I., and Schulz, A.





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Genus : *Lophomyrmex* Emery, 1892

66. *Lophomyrmex terraceensis* Bharti and Kumar

Locality : Himachal Pradesh, India.

Journal : *Journal of Asia-Pacific Entomology*, **15** : 265–267

Year : 2012

Described by : Himender Bharti and Rakesh Kumar.

Genus : *Tetramorium* Mayr, 1855

67. *Tetramorium shivalikense* Bharti and Kumar

Locality : Himachal Pradesh and Uttarakhand, India.

Journal : *Journal of Asia-Pacific Entomology*, **15** : 265–267.

Year : 2012

Described by : Himender Bharti and Rakesh Kumar.

68. *Tetramorium triangulatum* Bharti and Kumar

Locality : Himachal Pradesh and Punjab, India.

Journal : *Journal of Asia-Pacific Entomology*, **15** : 265–267

Year : 2012

Described by : Himender Bharti and Rakesh Kumar.

Genus : *Myopias* Roger, 1861

69. *Myopias shivalikensis* Bharti and Wachkoo

Locality : Jammu and Kashmir, India.

Journal : *Vestnik zoologii*, **46**(1) : e33-e35.

Year : 2012

Described by : Bharti, H. and Wachkoo, A. A.



Genus : *Ponera* Latreille, 1804

70. *Ponera indica* Bharti and Wachkoo

Locality : Himachal Pradesh, India.

Journal : *Acta Zoologica Academiae Scientiarum Hungaricae*, **58**(3) : 217-224.

Year : 2012

Described by : Bharti, H. and Wachkoo, A. A.

71. *Ponera taylori* Bharti and Wachkoo

Locality : Himachal Pradesh, India.

Journal : *Acta Zoologica Academiae Scientiarum Hungaricae*, **58**(3) : 217-224.

Year : 2012

Described by : Bharti, H. and Wachkoo, A. A.

Genus : *Myrmica* Latreille, 1804

72. *Myrmica adrijae* Bharti

Locality : Himachal Pradesh, India.

Journal : *Tijdschrift voor Entomologie*, **155** : 9-14.

Year : 2012

Described by : Bharti, H.

Genus : *Stenamma* Westwood, 1839

73. *Stenamma wilsoni* Bharti, Gul and Sharma

Locality : Himachal Pradesh, India.

Journal : *Sociobiology*, **59**(2).

Year : 2012

Described by : Himender Bharti, Irfan Gul and Yash Paul Sharma.





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74. *Stenamma jhitingriense* Bharti, Gul and Sharma

Locality : Himachal Pradesh, India.

Journal : *Sociobiology*, **59**(2).

Year : 2012

Described by : Himender Bharti, Irfan Gul and Yash Paul Sharma.

Genus : *Aenictus* shuckard, 1840

75. *Aenictus indicus* Bharti, Wachkoo and Kumar

Locality : Tamil Nadu, India.

Journal : *Journal of Asia Pacific Entomology*, **15** : 291-294.

Year : 2012

Described by : Himender Bharti, A. H. Wachkoo and Rakesh Kumar.

76. *Aenictus wilsoni* Bharti, Wachkoo and Kumar

Locality : Himachal Pradesh, India.

Journal : *Journal of Asia Pacific Entomology*, **15** : 291-294.

Year : 2012

Described by : Himender Bharti, A. H. Wachkoo and Rakesh Kumar.

Family : PLATYGASTRIDAE

Genus : *Mantibaria*

77. *Mantibaria kerouaci* Veenakumari and Rajmohana

Locality : Bangalore, Karnataka, India.

Journal : *Linzer biol. Beitr.*, **44**(2) : 1715-1725.

Year : 2012

Described by : Veenakumari and Rajmohana.



Genus : *Neoduta*

78. *Neoduta serrata* Rajmohana and Abhilash Peter

Locality : Aralam Wildlife Sanctuary, Kannur, Kerala, India.

Journal : *Biosystematica*, **6**(1) : 19-25.

Year : 2012

Described by : Rajmohana, K. and Abhilash Peter.



Genus : *Fidiobia*

79. *Fidiobia nagarajae* Veenakumari, Buhl and Rajmohana

Locality : Attur, Bengaluru, Karnataka, India.

Journal : *Entomofauna*, **33** : 469-480

Year : 2012

Described by : Veenakumari, Buhl and Rajmohana



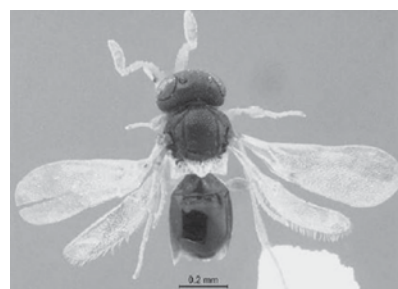
80. *Fidiobia viraktamathi* Veenakumari, Buhl and Rajmohana

Locality : Attur, Bengaluru, Karnataka, India.

Journal : *Entomofauna*, **33** : 469-480.

Year : 2012

Described by : Veenakumari, Buhl and Rajmohana.



Genus : *Plutomerus*

81. *Plutomerus veereshi* Veenakumari, Buhl and Rajmohana

Locality : Attur, Bengaluru, Karnataka, India.

Journal : *Entomofauna*, **33** : 469-480.

Year : 2012

Described by : Veenakumari, Buhl and Rajmohana.





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Genus : *Calliscelio*

82. *Calliscelio rugosus* Rajmohana and Abhilash Peter

Locality : Neyyar, Thiruvanthapuram, Kerala, India.

Journal : *Rec. zool. Surv. India*, **112**(1) : 75-79.

Year : 2012

Described by : Rajmohana and Abhilash Peter.



Genus : *Psix* Kozlov and Lê, 1976

83. *Psix sunithae* Singh, Johnson and Ramamurthy

Locality : Hyderabad, Andhra Pradesh, India.

Journal : *Zootaxa*, **3530** : 35-42.

Year : 2012

Described by : Longjam Roni Kumar Singh, Norman F. Johnson and V.V. Ramamurthy.

Family : PERILAMPIDAE

Genus : *Monacon*

84. *Monacon buldanicum* Narendran and Sureshan

Locality : Lonar Crater Wildlife Sanctuary, Buldana district, Maharashtra, India.

Journal : *Rec. zool. Surv. India*, **112**(4) : 31-38.

Year : 2012

Described by : T. C. Narendran and P.M. Sureshan.



Family : PTEROMALIDAE

Genus : *Cyrtoptyx*

85. *Cyrtoptyx wayanadensis* Sureshan

Locality : Banasura Peak, Wayanad, Kerala, India.

Journal : *Journal of Threatened Taxa*, 4(5) : 2578-2581

Year : 2012

Described by : Sureshan, P.M.



Family : TORYMIDAE

Genus : *Ecdamua*

86. *Ecdamua bouceki* Ahmad, Khursheed and Azim

Locality : Jammu and Kashmir, India.

Journal : *International Journal of Science, Environment and Technology*, 1(5) : 409 – 415.

Year : 2012

Described by : M. Jamal Ahmad, Iram Khursheed and M. Nayyar Azim.

Family : TRICHOGRAMMATIDAE

Genus : *Poropoea*

87. *Poropoea bella* Hayat and Poorani

Locality : India.

Journal : *Oriental Insects*, Volume 46, Issue 3-4

Year : 2012

Described by : Mohammad Hayat and J. Poorani.





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Order : ORTHOPTERA
Family : GRYLLOTALPIDAE
Genus : *Gryllotalpa* Latreille, 1802

88. *Gryllotalpa krishnani* Prasanna, Anbalagan, Pandiarajan, Dinakaran and Krishnan

Locality : Tamil Nadu, India.

Journal : *Zootaxa*, **3597** : 41–46.

Year : 2012

Described by : Vimalanathan Arun Prasanna, Sankarappan Anbalagan, Jeyaraj Pandiarajan, Sundaram Dinakaran and Muthukalingan Krishnan.

Order : THYSANOPTERA
Family : PHLAEOTHRIPIDAE
Genus : *Psephenothrips* Reyes, 1994

89. *Psephenothrips moudi* Tyagi and Kumar

Locality : Karnataka, India.

Journal : *Oriental Insects*, Volume **46**, Issue 3-4.

Year : 2012

Described by : Kaomud Tyagi and Vikas Kumar.

Order : TRICHOPTERA
Family : RHYACOPHILIDAE
Genus : *Rhyacophila* Pictet, 1834

90. *Rhyacophila himachalensis* Kaur and Saini

Locality : Himachal Pradesh and Uttarakhand, India.

Journal : *Acta Zoologica Academiae Scientiarum Hungaricae*, **58**(3) : 211–215

Year : 2012

Described by : Kaur, L. and Saini, M. S.



91. *Rhyacophila acutis* Kaur and Saini

Locality : Meghalaya, India.

Journal : *Acta Zoologica Academiae Scientiarum Hungaricae*, **58**(3) : 211–215

Year : 2012

Described by : Kaur, L. and Saini, M. S.

Family : PHRYGANEIDAE
Genus : *Eubasilissa* Martynov

92. *Eubasilissa sikkimensis* Parey and Saini

Locality : Sikkim, India.

Journal : *Zootaxa*, 3403 : 61–68.

Year : 2012

Described by : Sajad H. Parey and Malkiat S. Saini.

93. *Eubasilissa schmidi* Parey and Saini

Locality : Jammu and Kashmir, India.

Journal : *Zootaxa*, **3403** : 61–68.

Year : 2012

Described by : Sajad H. Parey and Malkiat S. Saini.

Family : LEPIDOSTOMATIDAE
Genus : *Lepidostoma* Rambur, 1842

94. *Lepidostoma garhwalense* Parey and Saini

Locality : Uttarakhand, India.

Journal : *Acta Zoologica Academiae Scientiarum Hungaricae*, **58**(1) : 31–40.

Year : 2012

Described by : S. H. Parey and M. S. Saini.





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95. *Lepidostoma truncatum* Parey and Saini

Locality : Himachal Pradesh, India.

Journal : *Acta Zoologica Academiae Scientiarum Hungaricae*, **58**(1) : 31–40.

Year : 2012

Described by : Parey, S. H. and Saini, M. S.

96. *Lepidostoma sonmargae* Parey and Saini

Locality : Jammu and Kashmir, India.

Journal : *Acta Zoologica Academiae Scientiarum Hungaricae*, **58**(1) : 31–40.

Year : 2012

Described by : Parey, S. H. and Saini, M. S.

97. *Lepidostoma ahlae* Parey and Saini

Locality : Himachal Pradesh, India.

Journal : *Acta Zoologica Academiae Scientiarum Hungaricae*, **58**(1) : 31–40.

Year : 2012

Described by : Parey, S. H. and Saini, M. S.

THREE NEW SPECIES OF MITES

Class	: ARACHNIDA
Order	: ACARINA
Family	: HALACARIDAE
Genus	: <i>Acarothrix</i> Bartsch, 1990

98. *Acarothrix grandocularis* Chatterjee, Marshall, Guru, Ingole and Pesic

Locality : Goa, India.

Journal : *Cahiers de Biologie Marine*, Vol. **53** : 541-546.

Year : 2012

Described by : Chatterjee, T. Marshall, D. J. Guru, B. C. Ingole and B. S. Pesic.



Order : Oribatida
Family : Galumnidae
Genus : Pergalumna

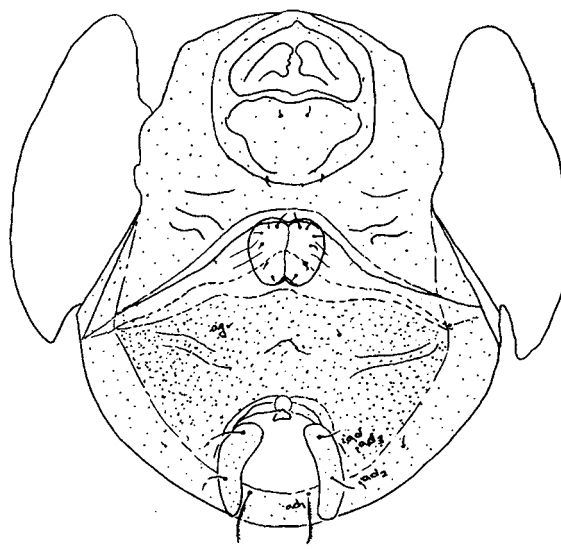
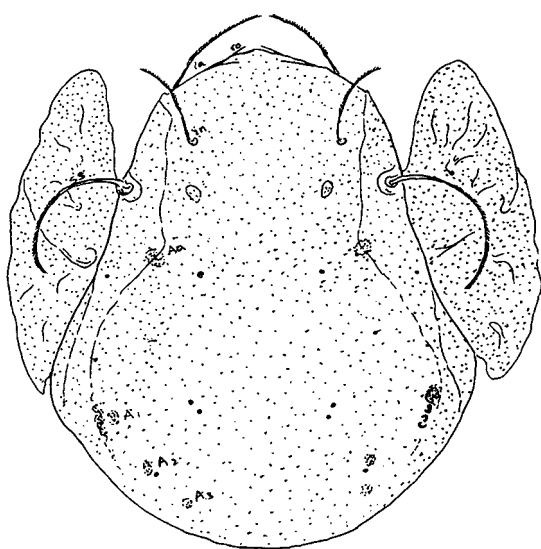
99. *Pergalumna bhaskari* Sarkar, Sanyal and Chakrabarti

Locality : Govt. Girls' High School Compound, from leaf litter, Purulia, West Bengal, India.

Journal : *Rec. zool. Surv. India*, Volume, **112**(4) : 1-6.

Year : 2012

Described by : Shampa Sarkar, A. K. Sanyal and S. Chakrabarti.



Remarks : The new species shows close similarities with *P. granulates* Balogh and Mahunka, 1967 in the nature of the granulation on the dorsal surface; position of lamellar and interlamellar setae and the position and size of three pairs of area porosae. But *P. bhaskari* differs from *P. granulates* in shape and size of the prodorsal setae. The ventrally located prominent bands are also absent in *P. granulatus*. The present species also comes closer to *P. filifera* Mahunka, 1978 and *P. kotschyl* Mahunka, 1989 in having the broad bridge in front of the genital plate. But the other band through the genital plates is absent in the two formerly known species. Hence, on the basis of the densely granulated dorsum, long and ciliated prodorsal setae, absence of dorsosejugal suture, ventral chitinized band and long, ciliated ad_1 , *P. bhaskari* differs from all other species under the genus *Pergalumna* and described as a species new to science.





Animal Discoveries 2012

100. *Pergalumna sabitai* Sarkar, Sanyal and Chakrabarti

Locality : North 24 Parganas : Gobardanga, near Sutia market, from a China rose cultivation field, West Bengal, India.

Journal : *Rec. zool. Surv. India*, Volume, **112**(4) : 1-6.

Year : 2012

Described by : Shampa Sarkar, A. K. Sanyal and S. Chakrabarti.



Remarks : The new species *P. sabitai* differs from all known species under *Pergalumna* except one species *P. tsavoensis* Mahunka, 1986. On the basis of the absence of dorsosejugal suture, structure of sensillus and finely punctated dorsal surface and position and structure of ad_1 and ad_2 the new species shows resemblances with *P. tsavoensis* Mahunka, 1986. But *P. sabitai* is distinguished from *P. tsavoensis* by presence of gradually increasing alveolate structure both on the notogaster and the ventral side, small sized A_1 , well developed postanal area porosa, wide punctated pteromorphae with pteromorph setae and position of ad_3 arising from a little distance of iad . *P. sabitai* is therefore described as a new species.



FOUR NEW SPECIES OF SPIDERS

Family : OXYOPIDAE

Genus : *Oxyopes*

101. *Oxyopes sataricus* Kulkarni and Deshpande

Locality : Pachwad, Kurneswar Garden and Ajinkyatara fort, Satara district, Maharashtra, India.

Journal : *Rec. zool. Surv. India*, **112**(2) : 35-37.

Year : 2012

Described by : Sidharth Kulkarni and V. Y. Deshpande.



Family : THERAPHOSIDAE

Genus : *Neoheterophrictus*

102. *Neoheterophrictus crurofulvus* Siliwal, Gupta and Raven

Locality : Kulgi, Dandeli Wildlife Sanctuary, Uttara Kannada, Karnataka, India.

Journal : *Journal of Threatened Taxa*, **4**(14) : 3233-3254.

Year : 2012

Described by : Manju Siliwal, Neha Gupta and Robert Raven.



103. *Neoheterophrictus sahyadri* Siliwal, Gupta and Raven

Locality : Uttara Kannada, Karnataka, India.

Journal : *Journal of Threatened Taxa*, **4**(14) : 3233-3254.

Year : 2012

Described by : Manju Siliwal, Neha Gupta and Robert Raven.





Animal Discoveries 2012



104. *Neoheterophrictus uttarakannada* Siliwal, Gupta and Raven

Locality : Uttara Kannada, Karnataka, India.

Journal : *Journal of Threatened Taxa*, **4**(14) : 3233-3254.

Year : 2012

Described by : Manju Siliwal, Neha Gupta and Robert Raven.



ONE NEW SPECIES OF CENTIPEDE

Class	: CHILOPODA
Order	: SCOLOPENDROMORPHA
Family	: CRYPTOPIDAE
Genus	: <i>Cryptops</i>

105. *Cryptops (Cryptops) malabarensis* Dhanya Balan, Sureshan and Vinod Khanna

Locality : Kakkayam, Malabar Wildlife Sanctuary, Kerala, India.

Journal : *Journal of Threatened Taxa*, **4**(4) : 2510-2514.

Year : 2012

Described by : Dhanya Balan, Sureshan, P. M. and Vinod Khanna.



TWO NEW SPECIES OF CRUSTACEA (Crabs)

Subphylum : CRUSTACEA
Class : MALACOSTRACA
Order : DECAPODA
Family : GECARCINUCIDAE
Genus : *Oziotelphusa*

106. *Oziotelphusa ganjamensis* Pati and Sharma

Locality : Balakrushnapur, Berhampur-Digapahandi Road, Ganjam district, Odisha, India.

Journal : Zootaxa, **3528** : 49–56.

Year : 2012

Described by : S. K. Pati and R. M. Sharma



Family : PALAEMONIDAE
Genus : *Macrobrachium* Spence Bate, 1868

107. *Macrobrachium prabhakarani* Pillai and Unnikrishnan

Locality : Vamanapuram River, Kerala, India.

Journal : Zootaxa, **3528** : 63–68

Year : 2012

Described by : Pillai, P. M. and Unnikrishnan, V.





Animal Discoveries 2012



TWO NEW SPECIES OF MOLLUSCA

Phylum :	MOLLUSCA
Class :	GASTROPODA
Family :	NATICIDAE
Genus :	<i>Natica</i>

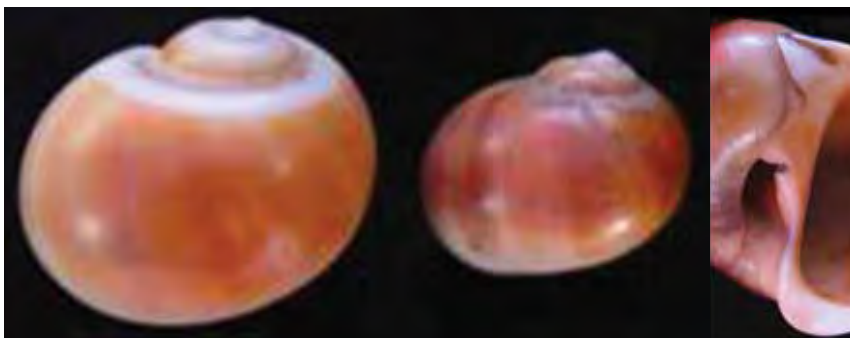
108. *Natica gongally* Mukhopadhyay, Sharma and Ramakrishna

Locality : Gongally fishing harbour near Kundapur, Udipi district, Karnataka, India.

Journal : Rec. zool. Surv. India, **112**(4) : 7-12.

Year : 2012

Described by : A. K. Mukhopadhyay, A. K. Sharma and Ramakrishna.



109. *Natica andamanensis* Mukhopadhyay, Sharma and Ramakrishna

Locality : Andaman and Nicobar Islands, India.

Journal : Rec. zool. Surv. India, **112**(4) : 7-12.

Year : 2012

Described by : A. K. Mukhopadhyay, A. K. Sharma and Ramakrishna.



NINETEEN NEW SPECIES OF PISCES

Phylum	: CHORDATA
Class	: PISCES
Order	: CYPRINIFORMES
Family	: BALITORIDAE
Genus	: <i>Balitora</i>

110. *Balitora laticauda* Bhoite, Jadhav and Dahanukar

Locality : Satara district, Northern Western Ghat, Maharashtra, India.

Journal : *Journal of Threatened Taxa*, **4**(11) : 3038-3049

Year : 2012

Described by : Sunil Bhoite, Shrikant Jadhav and Neelesh Dahanukar.



Genus	: <i>Aborichthys</i>
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111. *Aborichthys waikhomi* Kosygin

Locality : Namdapha, Arunachal Pradesh, India.

Journal : *Rec. zool. Surv. India*, **112** (Part-1) : 49-55.

Year : 2012

Described by : Kosygin, L.





Animal Discoveries 2012



Family : CYPRINIDAE

Genus : Garra

112. *Garra kalpangi* Nebeshwar, Bagra and Das

Locality : Kalpangi River (Brahmaputra basin), Arunachal Pradesh, India.

Journal : *Journal of Threatened Taxa*, **4** (2) : 2353-2362.

Year : 2012.

Described by : K. Nebeshwar, K. Bagra and D. N. Das

Genus : Barilius

113. *Barilius profundus* Dishma and Vishwanath

Locality : Koladyne River, Mizoram, India.

Journal : *Journal of Threatened Taxa*, **4** (2) : 2363-2369.

Year : 2012.

Described by : M. Dishma and W. Vishwanath.



Genus : *Puntius*

**114. *Puntius nigripinnis* Marcus Knight, Rema Devi,
Indra and Arunachalam**

Locality : Nilgiris and Wayanad areas of southern Western Ghats, India.

Journal : *Journal of Threatened Taxa*, **4**(3) : 2409-2416.

Year : 2012.

Described by : J. D. Marcus Knight, K. Rema Devi, T. J. Indra and M. Arunachalam.



Genus : *Garra*

115. *Garra namyaensis* Shangningam and Vishwanath

Locality : Manipur, Ukhrul district, Namya River, close to Indo-Myanmar border, India.

Journal : *ISRN Zoology*, doi :10.5402/2012/325064 and *Validation in Ichthyological Exploration of Freshwaters*, **23**(1) : 10.

Year : 2012

Described by : B. D. Shangningam and W. Vishwanath





Animal Discoveries 2012



Order : CYPRINIFORMES

Family : NEMACHEILIDAE

Genus : *Physoschistura*

116. *Physoschistura chindwinensis* Lokeshwor and Vishwanath

Locality : Lokchao River at Moreh, Manipur, India (Chindwin basin), 24°15'30"N, 94°17'59"E.

Journal : *Ichthyological Research*, **59** : 230–234.

Year : 2012

Described by : Y. Lokeshwor and W. Vishwanath.



117. *Physoschistura dikrongensis* Lokeshwor and Vishwanath

Locality : Arunachal Pradesh, India : Dikarong river at Doimukh (Brahmaputra basin); 27°08'19"N, 93°44'51"E.

Journal : *Zootaxa*, **3586** : 249–254.

Year : 2012

Described by : Y. Lokeshwar and W. Vishwanath



118. *Physoschistura tigrina* Lokeshwor and Vishwanath

Locality : Manipur, India : Ukhrul district : Phungrei, Changa River (Chindwin drainage);
25°12'26"N 94°31'35"E

Journal : *Zootaxa*, **3586** : 95–102.

Year : 2012

Described by : Y. Lokeshwar and W. Vishwanath



119. *Physoschistura tuivaiensis* Lokeshwor and Vishwanath

Locality : Manipur, India : Churachandpur district : Tuivai River at Likhailok (Brahmaputra basin), 24° 04' 41'' N, 93°33' 67'' E.

Journal : *Taprobanica*, **4**(1) : 52-58.

Year : 2012

Described by : Y. Lokeshwor and W. Vishwanath





Animal Discoveries 2012



Genus : *Schistura*

120. *Schistura koladynensis* Lokeshwor and Vishwanath

Locality : Mizoram, India : Lawntlai District : Koladyne River at Kolchaw, 22°23'45" N 92°55'56"E.

Journal : *Ichthyological Exploration of Freshwaters*, **23**(2) : 139-145.

Year : 2012

Described by : Y. Lokeshwor, and W. Vishwanath.



121. *Schistura obliquofascia* Lokeshwor, Barat, Sati, Darshan, Vishwanath and Mahanta

Locality : Uttarakhand State, Kalsa River at Chanfi, Ganga basin, 29°22'06" N, 79°34'44" E

Journal : *Zootaxa*, **3586** : 255–263.

Year : 2012

Described by : Y. Lokeshwor, A. Barat, J. Sati, A. Darshan, W. Vishwanath and P.C. Mahanta.



ORDER : SILURIFORMES

Family : CLARIIDAE

Genus : *Horaglanis* Menon, 1950

122. *Horaglanis abdulkalami* Subash Babu

Locality : Irinjalakkuda, Kerala, India.

Journal : SAMAGRA, **8** : 15.

Year : 2012

Described by : K. K. Subash Babu.

FAMILY : SISORIDAE

Genus : *Glyptothorax*

123. *Glyptothorax churamanii* Rameshori and Vishwanath

Locality : Mizoram, India : Lawntlai district : Kaladan River at Kolchaw, 22°23'N 92°57'E.

Journal : Zootaxa, **3538** : 79–87.

Year : 2012

Described by : Y. Rameshori and W. Vishwanath





Animal Discoveries 2012



124. *Glyptothorax jayarami* Rameshori and Vishwanath

Locality : Mizoram, India, Lawntlai District, Kaladan River at Kolchaw, 22°23'N 92°57'E.

Journal : Zootaxa, **3304** : 54–62.

Year : 2012

Described by : Y. Rameshori and W. Vishwanath.



125. *Glyptothorax verrucosus* Rameshori and Vishwanath

Locality : Mizoram, India: Lawntlai District : Koladyne River at Kolchaw, 22°23' N 92°57' E.

Journal : Ichthyological Exploration of Freshwaters, **23**(2) : 147-154.

Year : 2012

Described by : Y. Rameshori and W. Vishwanath.



Order : PECIFORMIS
Family : AMBASSIDAE
Genus : *Parambassis*

126. *Parambassis waikhomi* Geetakumari and Basudha

Locality : Chindwin basin, Loktak Lake, Manipur, India.

Journal : *Journal of Threatened Taxa*, **4**(14) : 3527-3332.

Year : 2012

Described by : K. Geetakumari and C. Basudha.

Family : GOBIIDAE
Genus : *Awaouichthys* Chatterjee and Mishra, 2012

127. *Awaouichthys menoni* Chatterjee and Mishra

Locality : Patibonia Island, Fraserganj in the Gangetic delta, West Bengal, India.

Journal : *Rec. zool. Surv. India*, **112**(4) : 85-88.

Year : 2012

Described by : T. K. Chatterjee and S. S. Mishra.

Remarks : New genus.

Family : PRISTOLEPIDIDAE
Genus : *Pristolepis* jerdon, 1849

128. *Pristolepis rubripinnis* Britz, Krishna Kumar and Baby

Locality : Kerala (Pamba and Chalakkudy rivers), India.

Journal : *Zootaxa*, **3345** : 59-68

Year : 2012

Described by : Ralf Britz, Krishna Kumar and Fabin Baby.





Animal Discoveries 2012



TWO NEW SPECIES OF AMPHIBIANS

Class : AMPHIBIA
Order : ANURA
Family : RHACOPHORIDAE
Genus : *Raorchestes* Biju, Souche, Dubois, Dutta And Bossuyt, 2010

129. *Raorchestes kakachi* Seshadri, Gururaja and Aravind

Locality : Agastyamalai hill region in the southern Western Ghats, India.

Journal : Zootaxa, **3410** : 19–34

Year : 2012

Described by : Kadaba Shamanna Seshadri, Kotambylu Vasudeva Gururaja and Neelavara Anantharam Aravind.

Order : GYMNOPTIONA
Family : INDOTYPHLIDAE
Genus : *Gegeneophis* Peters, 1880

130. *Gegeneophis primus* Ramachandran, David, Oommen and Mark

Locality : Kerala, India.

Journal : Zootaxa, **3272** : 26–34

Year : 2012

Described by : Ramachandran Kotharambath, David J. Gower, Oommen V. Oommen and Mark Wilkinson.



TWO NEW SPECIES OF REPTILES

Class	: REPTILIA
Order	: SQUAMATA
Family	: ELAPIDAE
Genus	: <i>Calliophis</i> Gray, 1834

131. *Calliophis castoe* Smith, Ogale, Deepak and Giri

Locality : Goa, India.

Journal : Zootaxa, **3437** : 51-68.

Year : 2012

Described by : Eric N. Smith, Hemant Ogale, V. Deepak and Varad B. Giri.

Family	: AGAMIDAE
Genus	: <i>Coryphophylax</i> Blyth, 1860

132. *Coryphophylax brevicaudus* Harikrishnan, Vasudevan, Chandramouli, Choudhury, Dutta and Das

Locality : Andaman and Nicobar Islands, India.

Journal : Zootaxa, **3451** : 31-45

Year : 2012

Described by : S. Harikrishnan, Karthikeyan Vasudevan, S. R Chandramouli, B. C. Choudhury, Sushil Kumar Dutta and Indraneil Das.





Animal Discoveries 2012



ONE NEW SPECIES OF BIRD

Class	: AVES
Order	: GRUIFORMES
Family	: RALLIDAE
Genus	: <i>Rallina</i>

133. *Rallina* sp.

Locality : Great Nicobar Island, India.

Journal : *BirdingASIA*, 17 : 44-46.

Year : 2012

Described by : S. Rajeshkumar, C. Raghunathan and P. C. Rasmussen

Remarks : This species is characterized by the following combination of characters : Combination of pale green bill, broadly black-banded under parts, and heavy orange-red legs; bill thick and short, bill entirely very pale green while the tip with slightly reddish-tinged; iris bright red, fleshy eye-ring orange-red; neck moderately long. Legs rather heavy with moderate length toes and short claws; tail fairly short; tarsi bright orange-red with duskier claws; plumage generally rich rufescent, the back browner, the wing coverts narrowly black-and white barred. The species is yet to be named.



NEW RECORDS

FORTY TWO NEW RECORDS OF CORALS

Phylum : CNIDARIA
Class : ANTHOZOA
Order : SCLERACTINIAN
Family : DENDROPHYLLIIDAE
Genus : *Rhizopsammia*

1. *Rhizopsammia verrilli* van der Horst, 1922

Locality : Wall (12°03.313' N and 092°57.730' E) of Havelock Island, Ritchie's Archipelago, India.

Journal : *Journal of Marine Biological Association, India*, **54**(2) : 94-96. Doi : 10.6024/jmbai.2012.54.2.01723-16.

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : Galapagos : off Santiago, Floreana, Marchena, Wolf, Cocos Island, off Timor and Indonesia.





Animal Discoveries 2012

Family : AGARICIIDAE

Genus : *Pavona*

***2. Pavona frondifera* Lamarck, 1816**

Locality : Twins Island, Diglipur (13°24.865'N and 93°04.105'E) of North Andaman, India.

Journal : *Research Journal of Science and Technology*, 4(6) : 278-284.

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : American Samoa, Australia, Bahrain, British Indian Ocean Territory, Cambodia, Christmas Island, Cocos (Keeling) Islands, Comoros, Cook Islands, Costa Rica, Djibouti, Egypt, El Salvador, Eritrea, Fiji, French Polynesia, Guadeloupe, Honduras, Indonesia, Iran, Islamic Republic of Iraq, Israel, Japan, Jordan, Kenya, Kiribati, Kuwait, Madagascar, Malaysia, Maldives, Mauritius, Mayotte, Mexico, Micronesia, Federated States of Mozambique, Nicaragua, Niue, Northern Mariana Islands, Oman, Pakistan, Palau, Panama, Papua New Guinea, Philippines, Qatar, Réunion, Samoa, Saudi Arabia, Seychelles, Singapore, Solomon Islands, Somalia, Sudan, Taiwan, Province of China, Tanzania, United Republic of Thailand, Tokelau, Tonga, Tuvalu, United Arab Emirates, United States Minor Outlying Islands, Vietnam, Wallis and Futuna and Yemen.



3. *Pavona diffluens* (Lamarck, 1816)

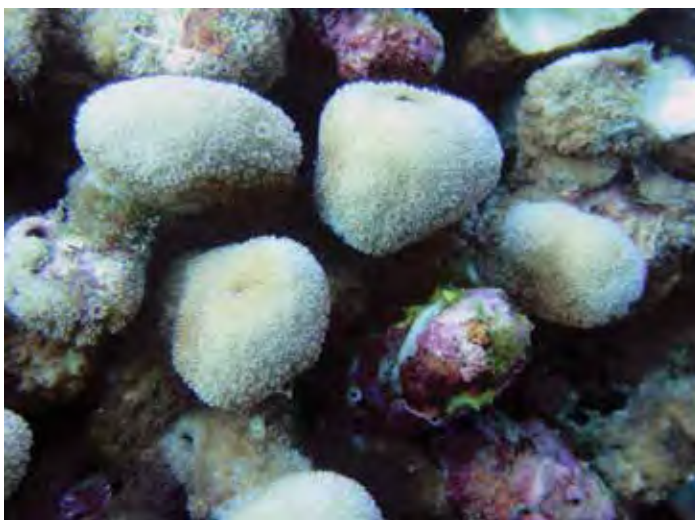
Locality : Shibpur, Diglipur, North and Middle Andaman ($13^{\circ}14.053'N$ and $92^{\circ}03.475'E$), India.

Journal : *Research Journal of Science and Technology*, 4(4) : 152-157.

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : Bahrain, Djibouti, Egypt, Eritrea, India, Iran, Islamic Republic of, Iraq, Israel, Jordan, Kuwait, Northern Mariana Islands, Oman, Pakistan, Palau, Qatar, Saudi Arabia, Somalia, Sudan, United Arab Emirates and Yemen.



Genus : *Leptoseris*

4. *Leptoseris gardineri* Horst, 1921

Locality : North Passage Island, India ($12^{\circ}17.410'N$ and $092^{\circ}55.603'E$).

Journal : *International Journal of Advanced Biological Research*, 2(2) : 699-703.

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : American Samoa, Australia, British Indian Ocean Territory, Cook Islands, Fiji, Indonesia, Japan, Kiribati, Malaysia, Maldives, Marshall Islands, Micronesia, Federated States of, Myanmar, Nauru, New Caledonia, Niue, Northern Mariana Islands, Palau, Papua New Guinea, Philippines, Samoa, Singapore, Solomon Islands, Sri Lanka, Taiwan, Province of China, Thailand, Tokelau, Tonga, Tuvalu, United States Minor Outlying Islands, Vanuatu, Vietnam, Wallis and Futuna.





Animal Discoveries 2012



5. *Leptoseris solida* Quelch, 1866

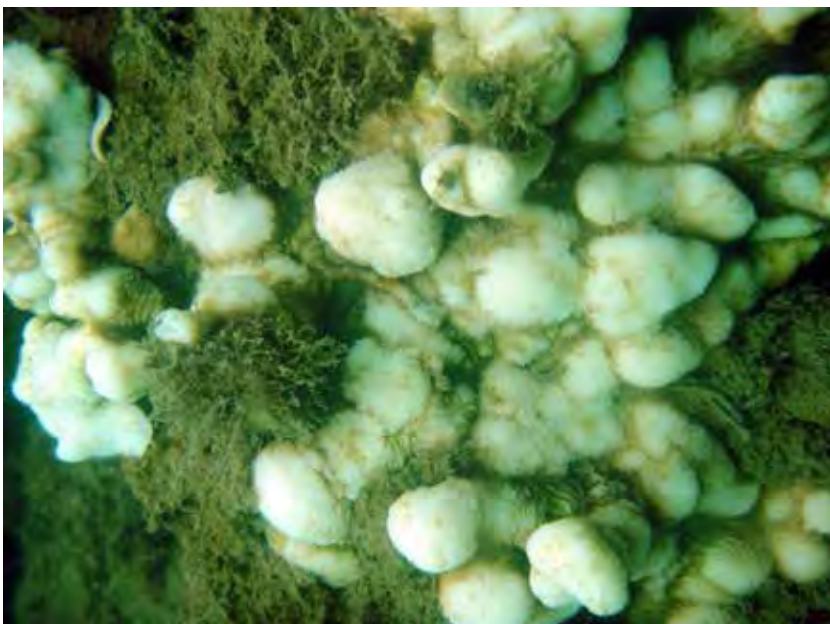
Locality : Karlo Island, India ($12^{\circ}56.221'N$ and $092^{\circ}53.379'E$).

Journal : *Research Journal of Science and Technology*, 4(4) : 152-157.

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : Australia, British Indian Ocean Territory, Chile, Fiji, French Polynesia, Indonesia, Japan, Kuwait, Madagascar, Malaysia, Marshall Islands, Mozambique, Papua New Guinea, Philippines, Pitcairn, Seychelles and Solomon Islands.



6. *Leptoseris striata* Fenner and Veron, 2000

Locality : Karlo Island, India ($12^{\circ}56.221'N$ and $092^{\circ}53.379'E$).

Journal : *Research Journal of Science and Technology*, 4(4) : 152-157.

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : Indonesia and Philippines.



Family : FAVIIDAE

Genus : *Platygyra*

7. *Platygyra yaeyamaensis* Eguchi and Shirai, 1977

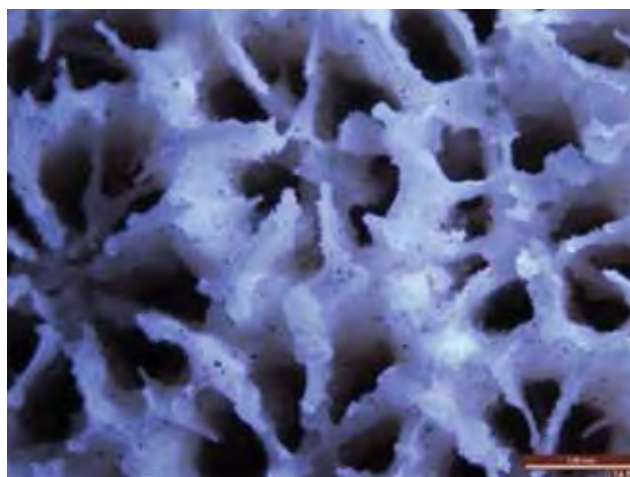
Locality : Twins Island, Diglipur (13°24.865'N and 93°04.105'E) of North Andaman, India.

Journal : *Research Journal of Science and Technology*, 4(6) : 278-284.

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : Australia, Cambodia, China, Indonesia, Japan, Malaysia, Micronesia, Federated States of Myanmar, Papua New Guinea, Philippines, Singapore, Solomon Islands, Taiwan, Province of China, Thailand and Vietnam.



8. *Platygyra contorta* Veron, 1990

Locality : Little Andaman Island (10°53.384'N and 092°32.045'E), India.

Journal : *International Journal of Advanced Biological Research*, 2(2) : 699-703.

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : Australia, British Indian Ocean Territory, Fiji, Indonesia, Japan, Kenya, Kiribati, Madagascar, Malaysia, Marshall Islands, Micronesia, Federated States of, Mozambique, Myanmar, Nauru, New Caledonia, Palau, Papua New Guinea, Philippines, Seychelles, Singapore, Solomon Islands, Somalia, Taiwan, Province of China, Tanzania, United Republic of, Thailand, Tuvalu, United States Minor Outlying Islands, Vanuatu, Vietnam, Wallis, Futuna and Yemen.





Animal Discoveries 2012



Genus : *Montastrea*

9. *Montastrea magnistellata* Chevalier, 1971

Locality : Aalukiya of Camorta Island (07°59.502'N and 93°29.493'E), India.

Journal : *Research Journal of Science and Technology*, 4(6) : 278-284.

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : American Samoa, Australia, British Indian Ocean Territory, Cambodia, China, Comoros, Djibouti, Egypt, Eritrea, Fiji, Indonesia, Israel, Japan, Jordan, Kenya, Kiribati, Madagascar, Malaysia, Maldives, Marshall Islands, Mauritius, Mayotte, Micronesia, Federated States of Mozambique, Myanmar, Nauru, New Caledonia, Northern Mariana Islands, Palau, Papua New Guinea, Philippines, Réunion, Samoa, Saudi Arabia, Seychelles, Singapore, Solomon Islands, Somalia, Sri Lanka, Sudan, Taiwan, Province of China, Tanzania, United Republic of Thailand, Tuvalu, Vanuatu, Vietnam, Wallis and Futuna and Yemen.



Genus : *Caulastrea*

10. *Caulastrea echinulata* MED and H, 1849

Locality : Wall (12°03.313' N and 092°57.730' E), Havelock Island, Ritchie's Archipelago, India.

Journal : *Advances in Biological Research*, 6(3) : 110-120. DOI : 10.5829/idosi.abr.2012.6.3.63236

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : Australia, Fiji, Indonesia, Japan, Malaysia, New Caledonia, Papua New Guinea, Philippines, Singapore and Solomon Islands.



Genus : *Favia*

11. *Favia rosaria* Veron, 2000

Locality : North Passage Island (12°17.410'N and 092°55.603'E), India.

Journal : *International Journal of Advanced Biological Research*, 2(2) : 699-703.

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : Australia, Fiji, Indonesia, Micronesia, Federated States of New Caledonia, Papua New Guinea, Solomon Islands, Vanuatu and Vietnam.



Genus : *Goniastrea*

12. *Goniastrea palauensis* (Yabe and Sugiyama, 1936)

Locality : Laxman Beach (7°01.454' N and 093°55.267' E) of Great Nicobar Island, India.

Journal : *Advances in Biological Research*, 6(3) : 110-120. DOI : 10.5829/idosi.abr.2012.6.3.63236

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : American Samoa, Australia, Bangladesh, British Indian Ocean Territory, Djibouti, Indonesia, Japan, Madagascar, Malaysia, New Caledonia, Palau, Papua New Guinea, Philippines, Réunion, Seychelles, Singapore, Solomon Islands, Thailand and Vietnam.





Animal Discoveries 2012



Family : PORITIDAE

Genus : *Goniopora*

13. *Goniopora palmensis* Veron and Pichon, 1982

Locality : Durgapur, Diglipur (13°16.081'N and 93°02.510'E) of North Andaman, India.

Journal : *Research Journal of Science and Technology*, 4(6) : 278-284.

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : Australia, Cambodia, Indonesia, Japan, Malaysia, Micronesia, Federated States of, Papua New Guinea, Philippines, Singapore, Solomon Islands, Taiwan, Province of China, Thailand and Vietnam.



14. *Goniopora tenella* Quelch, 1886

Locality : Durgapur, Diglipur (13°16.081' N and 93°02.510' E) of North Andaman, India.

Journal : *Research Journal of Science and Technology*, 4(6) : 278-284.

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : Australia, Djibouti, Egypt, Eritrea, Indonesia, Israel, Jordan, Malaysia, Micronesia, Federated States of Myanmar, Papua New Guinea, Philippines, Saudi Arabia, Singapore, Sri Lanka, Sudan, Thailand and Yemen.



15. *Goniopora albiconus* Veron, 2000

Locality : North Passage Island (12°17.410'N and 092°55.603'E), India.

Journal : *International Journal of Advanced Biological Research*, 2(2) : 699-703.

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : Australia, British Indian Ocean Territory, Djibouti, Eritrea, Indonesia, Madagascar, Malaysia, Maldives, Oman, Philippines, Singapore, Somalia, Sri Lanka, Thailand and Yemen.



Family : SIDERASTREIDAE

Genus : *Psammocora*

16. *Psammocora nierstraszi* Horst, 1921

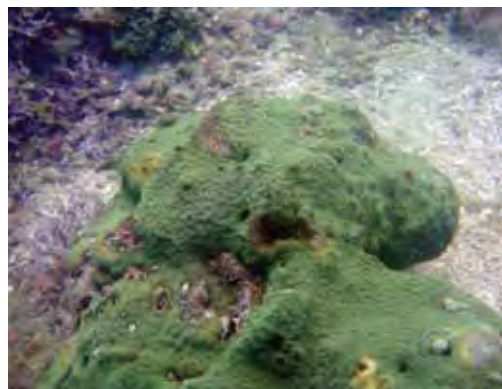
Locality : Rutland Island (11°05.421'N and 092°40.050'E), India.

Journal : *International Journal of Advanced Biological Research*, 2(2) : 699-703.

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : American Samoa, Australia, British Indian Ocean Territory, Cambodia, China, Comoros, Cook Islands, Djibouti, Egypt, Eritrea, Fiji, French Polynesia, Indonesia, Israel, Japan, Jordan, Kenya, Kiribati, Madagascar, Malaysia, Maldives, Marshall Islands, Mauritius, Mayotte, Micronesia, Federated States of Mozambique, Myanmar, Nauru, Niue, Palau, Papua New Guinea, Philippines, Réunion, Samoa, Saudi Arabia, Seychelles, Singapore, Solomon Islands, Somalia, Sudan, Taiwan, Province of China, Tanzania, United Republic of Thailand, Tokelau, Tonga, Tuvalu, United States Minor Outlying Islands, Vanuatu, Vietnam, Wallis, Futuna and Yemen.





Animal Discoveries 2012



Genus : *Coscinaraea*

17. *Coscinaraea exesa* Dana, 1846

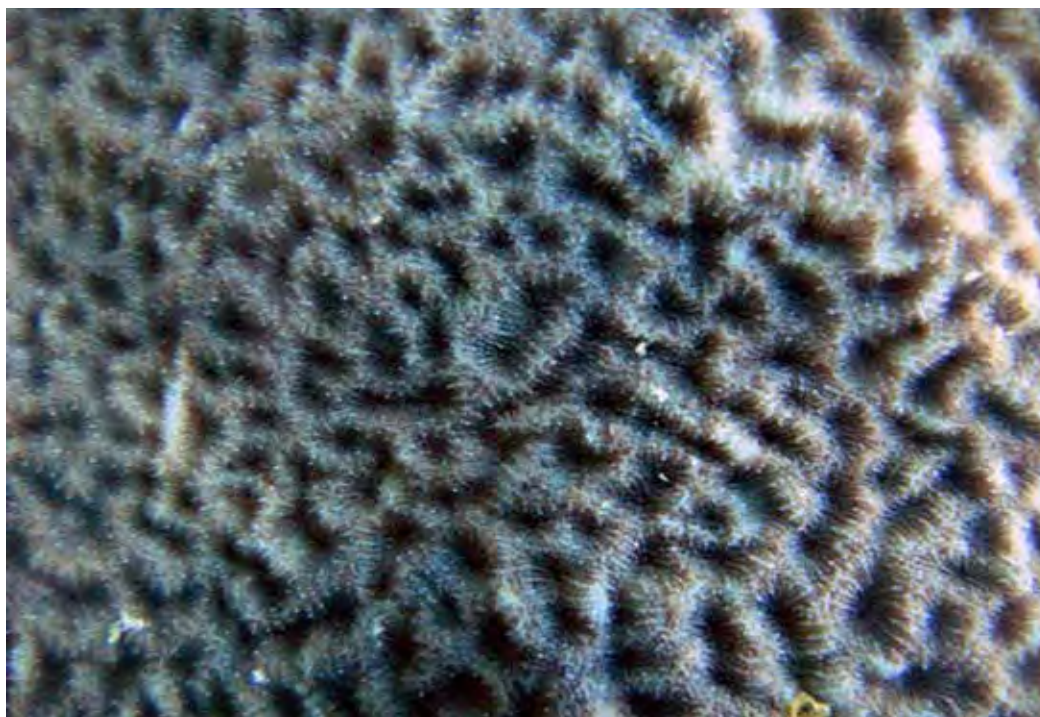
Locality : North Bay Island (11°41.962'N and 92°45.219'E), India.

Journal : *Research Journal of Science and Technology*, **4**(4) : 152-157.

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : American Samoa, Australia, Cambodia, Cook Islands, Fiji, French Polynesia, Indonesia, Japan, Kiribati, Malaysia, Marshall Islands, Micronesia, Federated States of, Nauru, New Caledonia, Niue, Palau, Papua New Guinea, Philippines, Samoa, Singapore, Solomon Islands, Taiwan, Province of China, Thailand, Tokelau, Tonga, Tuvalu, United States Minor Outlying Islands, Vanuatu, Vietnam, Wallis and Futuna.



Family : ACROPORIDAE

Genus : *Aanacropora*

18. *Aanacropora forbesi* Ridley, 1884

Locality : North Passage Island (12°17.410' N and 092°55.603' E), India.

Journal : *Advances in Biological Research*, **6**(3) : 110-120. DOI : 10.5829/idosi.abr.2012.6.3.63236

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : Australia, Cocos (Keeling) Islands, Fiji, Indonesia, Japan, Madagascar, Malaysia, Marshall Islands, Papua New Guinea, Philippines, Seychelles, Solomon Islands, Vanuatu and Vietnam.



Genus : *Montipora*

19. *Montipora samarensis* Nemenzo, 1967

Locality : North Passage Island (12°17.410' N and 092°55.603' E), India.

Journal : *Advances in Biological Research*, **6**(3) : 110-120. DOI : 10.5829/idosi.abr.2012.6.3.63236

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : Indonesia, Japan, Philippines, Vanuatu and Vietnam.





Animal Discoveries 2012



20. *Montipora corbettensis* Veron and Wallace, 1984

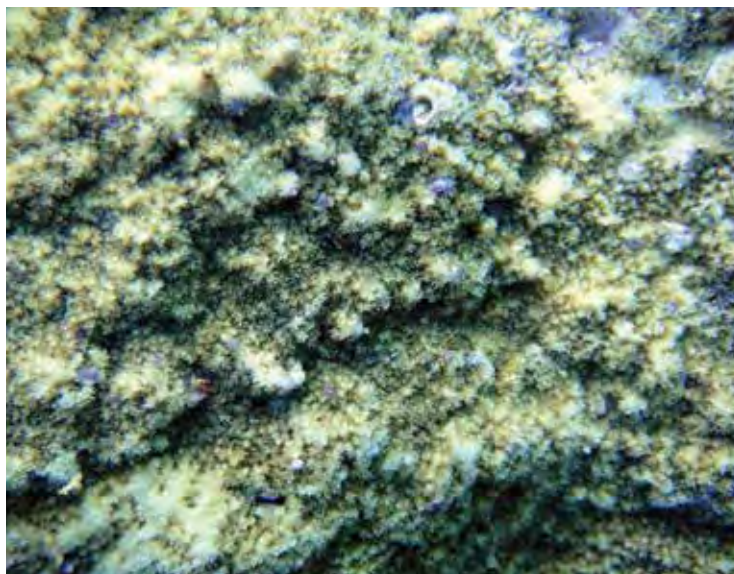
Locality : Shibpur, Diglipur, North and Middle Andaman (13°14.053'N and 92°03.475'E), India.

Journal : *Research Journal of Science and Technology*, 4(4) : 152-157.

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : Australia, Fiji, Indonesia, Kiribati, Madagascar, Malaysia, Marshall Islands, Mauritius, Micronesia, Federated States of Nauru, New Caledonia, Palau, Papua New Guinea, Philippines, Singapore, Solomon Islands, Taiwan, Province of China, Thailand, Tuvalu, Vanuatu, Vietnam, Wallis and Futuna.



21. *Montipora turtlensis* Veron and Wallace, 1984

Locality : Western Entrance region of Kamorta Island (07°59.517'N and 93°30.373'E), India.

Journal : *IOSR Journal of Pharmacy*, 2(5) : 38-43.

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : Australia, Cambodia, Indonesia, Malaysia, Micronesia, Federated States of Myanmar, New Caledonia, Norfolk Island, Papua New Guinea, Philippines, Singapore, Solomon Islands, Taiwan, Province of China, Thailand, Vanuatu and Vietnam.



22. *Montipora crassituberculata* Bernard, 1897

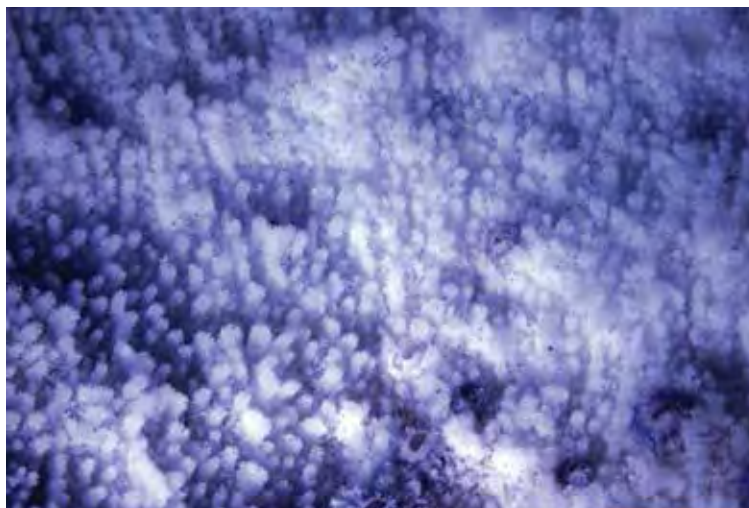
Locality : Western Entrance region of Kamorta Island (07°59.517'N and 93°30.373'E), India.

Journal : IOSR Journal of Pharmacy, 2(5) : 38-43.

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : Australia, Cambodia, Chile, Fiji, Indonesia, Kiribati, Malaysia, Marshall Islands, Micronesia, Federated States of Myanmar, Nauru, New Caledonia, Palau, Papua New Guinea, Philippines, Pitcairn, Singapore, Solomon Islands, Sri Lanka, Taiwan, Province of China, Thailand, Tuvalu, Vanuatu, Vietnam, Wallis and Futuna.



23. *Montipora effusa* Dana, 1846

Locality : Western Entrance region of Kamorta Island (07°59.517'N and 93°30.373'E), India.

Journal : IOSR Journal of Pharmacy, 2(5) : 38-43.

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : American Samoa, Australia, British Indian Ocean Territory, Comoros, Cook Islands, Fiji, French Polynesia, Indonesia, Japan, Kenya, Kiribati, Madagascar, Malaysia, Mauritius, Mayotte, Mozambique, Nauru, New Caledonia, Niue, Papua New Guinea, Philippines, Réunion, Samoa, Seychelles, Singapore, Solomon Islands, Somalia, Sri Lanka, Taiwan, Province of China, Tanzania, United Republic of Thailand, Tokelau, Tonga, Tuvalu, Vanuatu, Wallis and Futuna.





Animal Discoveries 2012



Family : POCILLOPORIDAE

Genus : *Seriatopora*

24. *Seriatopora guttatus* Veron, 2000

Locality : Laxman Beach (7°01.454'N and 093°55.267'E) of Great Nicobar Island, India.

Journal : *Advances in Biological Research*, 6(3) : 110-120. DOI : 10.5829/idosi.abr.2012.6.3.63236

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : Indonesia, Madagascar, Papua New Guinea, Solomon Islands and Vietnam. Indonesia, Madagascar, Papua New Guinea, Solomon Islands and Vietnam.



Genus : *Stylophora*

25. *Stylophora danae* Milne Edwards and Haime, 1850

Locality : Western Entrance of Nancowry Island (07°59.517'N and 93°30.373'E), India.

Journal : *Research Journal of Science and Technology*, 4(4) : 152-157.

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : Djibouti, Egypt, Eritrea, Israel, Jordan, Oman, Saudi Arabia, Somalia, Sudan and Yemen.



26. *Stylophora subseriata* Ehrenberg, 1834

Locality : Western Entrance region of Kamorta Island (07°59.517'N and 93°30.373'E), India.

Journal : *IOSR Journal of Pharmacy*, 2(5) : 38-43.

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : Australia, Bahrain, British Indian Ocean Territory, Comoros, Djibouti, Egypt, Eritrea, Fiji, Indonesia, Iran, Islamic Republic of Iraq, Israel, Jordan, Kenya, Kiribati, Kuwait, Madagascar, Malaysia, Marshall Islands, Mauritius, Mayotte, Micronesia, Federated States of Mozambique, Nauru, New Caledonia, Oman, Pakistan, Palau, Papua New Guinea, Philippines, Qatar, Réunion, Saudi Arabia, Seychelles, Singapore, Solomon Islands, Somalia, South Africa, Sudan, Tanzania, United Republic of Thailand, Tuvalu, United Arab Emirates, United States Minor Outlying Islands, Vanuatu and Yemen.



Family : EUPHYLLIDAE

Genus : *Euphyllia*

27. *Euphyllia crispata* Chevalier, 1971

Locality : Wall (12°03.313' N and 092°57.730' E), Havelock Island of Ritchie's Archipelago, India.

Journal : *Advances in Biological Research*, 6(3) : 110-120. DOI : 10.5829/idosi.abr.2012.6.3.63236

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : American Samoa, Australia, Fiji, Indonesia, Japan, New Caledonia, Papua New Guinea, Philippines, Solomon Islands, Taiwan, Province of China, Vanuatu and Vietnam.





Animal Discoveries 2012



Family : MERULINIDAE

Genus : *Hydnophora*

28. *Hydnophora bonsai* Veron, 2000

Locality : Wall (12°03.313' N and 092°57.730' E), Havelock Island of Ritchie's Archipelago, India.

Journal : *Advances in Biological Research*, **6**(3) : 110-120. DOI : 10.5829/idosi.abr.2012.6.3.63236

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : Indonesia, Japan, Philippines, Taiwan and Province of China.



Family : FUNGIIDAE

Genus : *Fungia*

29. *Fungia puishani* Veron and DeVantier, 2000

Locality : Guiter Island (12° 21.136'N and 092° 55.218' E), India.

Journal : *Advances in Biological Research*, **6**(3) : 110-120. DOI : 10.5829/idosi.abr.2012.6.3.63236

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : Seychelles.



Genus : Podabacia

30. *Podabacia motuporensis* Veron, 1990

Locality : Diglipur (13°14.439'N and 92°02.971'E), North Andaman, India.

Journal : IOSR Journal of Pharmacy, 2(5) : 38-43.

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : Australia, British Indian Ocean Territory, Comoros, Fiji, Indonesia, Kenya, Kiribati, Madagascar, Malaysia, Marshall Islands, Mauritius, Mayotte, Micronesia, Federated States of, Mozambique, Nauru, New Caledonia, Palau, Papua New Guinea, Philippines, Réunion, Seychelles, Singapore, Solomon Islands, Somalia, Taiwan, Province of China, Tanzania, United Republic of Tuvalu, Vanuatu, Vietnam.



Genus : Zoopilus

31. *Zoopilus echinatus* Dana, 1846

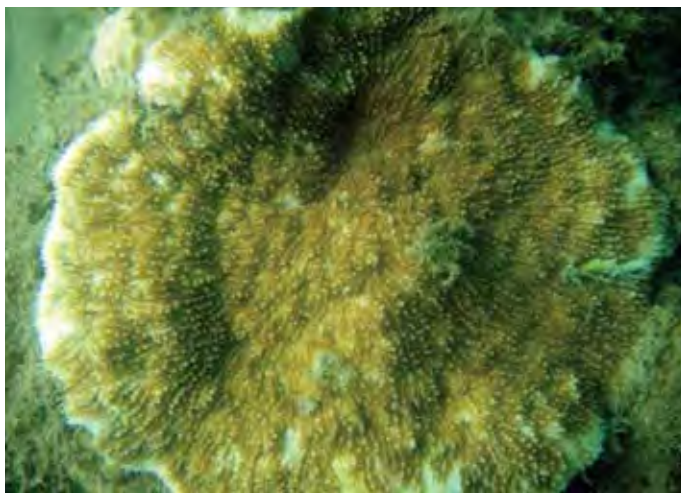
Locality : Rail Island (12°57.081'N and 092°54.458'E), India.

Journal : Research Journal of Science and Technology, 4(4) : 152-157.

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : Fiji, Indonesia, Japan, Malaysia, Marshall Islands, Palau, Papua New Guinea, Philippines, Solomon Islands and Vanuatu.





Animal Discoveries 2012



Family : MUSSIDAE

Genus : *Australomussa*

32. *Australomussa rowleyensis* Veron, 1985

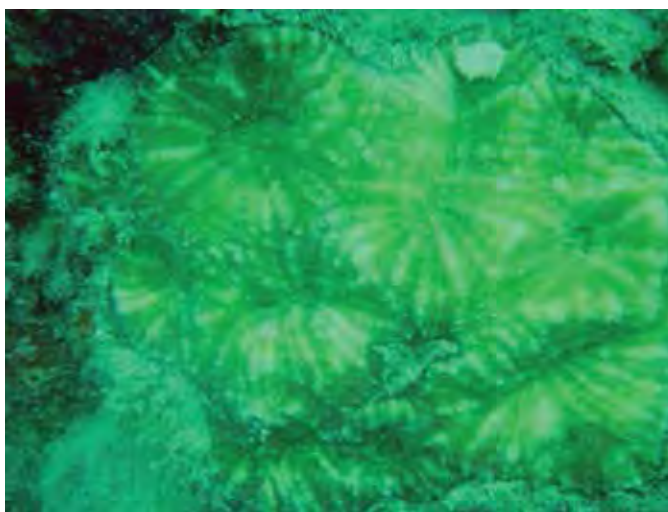
Locality : Rail Island (12°57.081'N and 092°54.458'E), India.

Journal : *Research Journal of Science and Technology*, 4(4) : 152-157.

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : Indonesia, Japan, Malaysia, Papua New Guinea, Philippines, Solomon Islands, Thailand and Vietnam.



Genus : *Isophyllia*

33. *Isophyllia rigida* Dana, 1846

Locality : Rutland Island (11°23.812'N and 092°41.251'E), India.

Journal : *Research Journal of Science and Technology*, 4(4) : 152-157.

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : Aruba, Belize, Bonaire, Caribbean Sea, Cayman Islands, Colombia, Costa Rica, Cuba, Curago, Hispaniola, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Venezuela, West Atlantic.



Family : CARYOPHYLLIIDAE

Genus : *Heterocyathus*

34. *Heterocyathus aequicostatus* Milne Edwards and Haime, 1848

Locality : Rutland Island (11°23.812'N and 092°41.251'E), India.

Journal : *Research Journal of Science and Technology*, 4(4) : 152-157.

Year : 2012.

Recorded by : Tamal Mondal, C. Raghunathan and K. Venkataraman.

Previous distribution : Australia, Cambodia, Fiji, Indonesia, Kiribati, Malaysia, Marshall Islands, Micronesia, Federated States of, Nauru, New Caledonia, Palau, Papua New Guinea, Philippines, Singapore, Solomon Islands, Thailand, Tuvalu, Vanuatu, Wallis and Futuna.



Order : ANTIPATHARIA

Family : ANTIPATHIDAE

Genus : *Cirrhipathes*

35. *Cirrhipathes anguina* Dana, 1846

Locality : Havelock, South Andaman, India.

Journal : *Rec. zool. Survey India*, 112(1) : 1-10.

Year : 2012.

Recorded by : J. S. Yogesh Kumar, C. Raghunathan and K. Venkataraman.

Previous distribution : Indo Pacific.





Animal Discoveries 2012



36. *Cirrhipathes contorta* van Pesch, 1910

Locality : Pongibalu (Mahatma Gandhi Marine National Park), South Andaman, India.

Journal : *Rec. zool. Survey India*, **112**(1) : 1-10.

Year : 2012.

Recorded by : J. S. Yogesh Kumar, C. Raghunathan and K. Venkataraman.

Previous distribution : Indo Pacific and Red Sea.



Genus : *Antipathes*

37. *Antipathes elegans* Thomson and Simpson, 1905

Locality : Kamorta, Nicobar Islands, India.

Journal : *Rec. zool. Survey India*, **112**(1) : 1-10.

Year : 2012.

Recorded by : J. S. Yogesh Kumar, C. Raghunathan and K. Venkataraman.

Previous distribution : Indo Pacific.



Genus : *Sticopathes*

38. *Sticopathes solorensis* van Pesch, 1914

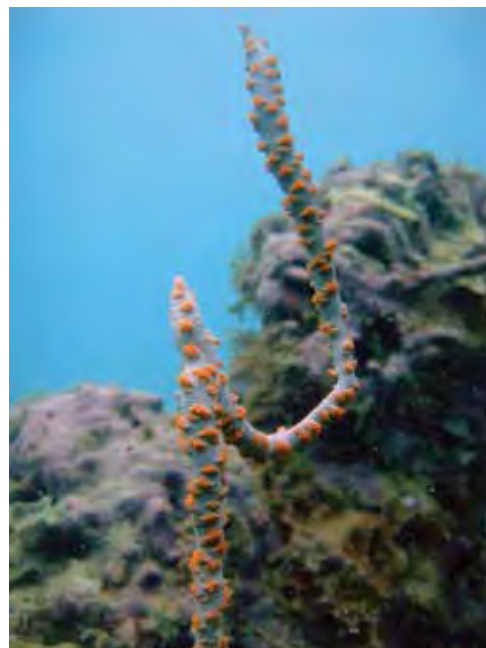
Locality : Kamorta, Nicobar Islands, India.

Journal : *Rec. zool. Survey India*, **112**(1) : 1-10.

Year : 2012.

Recorded by : J. S. Yogesh Kumar, C. Raghunathan and K. Venkataraman.

Previous distribution : Indo Pacific.



Family : MYRIOPATHIDAE

Genus : *Cupressopathes*

39. *Cupressopathes gracilis* Thomson and Simpson, 1905

Locality : Pongibalu (Mahatma Gandhi Marine National Park), South Andaman, India.

Journal : *Rec. zool. Survey India*, **112**(1) : 1-10.

Year : 2012.

Recorded by : J. S. Yogesh Kumar, C. Raghunathan and K. Venkataraman.

Previous distribution : Gulf of Mexico, Indian Ocean, New Zealand, West North Atlantic.





Animal Discoveries 2012



Genus : *Myriopathes*

40. *Myriopathes antrocrada* Opresko, 1999

Locality : Havelock, South Andaman, India.

Journal : *Rec. zool. Survey India*, **112**(1) : 1-10.

Year : 2012.

Recorded by : J. S. Yogesh Kumar, C. Raghunathan and K. Venkataraman.

Previous distribution : Indonesia and Australia.



Genus : *Antipathella*

41. *Antipathella subpinnata* Ellis and Solander, 1786

Locality : Long Island, Middle Andaman, India.

Journal : *Rec. zool. Survey India*, **112**(1) : 1-10.

Year : 2012.

Recorded by : J. S. Yogesh Kumar, C. Raghunathan and K. Venkataraman.

Previous distribution : East North Atlantic, Mediterranean Sea, New Zealand, Portuguese and Spanish.



Genus : Plumapathes

42. *Plumapathes pennacea* Pallas, 1766

Locality : Long Island, Middle Andaman, India.

Journal : Rec. zool. Survey India, **112**(Part-1) : 1-10.

Year : 2012.

Recorded by : J. S. Yogesh Kumar, C. Raghunathan and K. Venkataraman.

Previous distribution : Indo-Pacific, Caribbean Sea, Gulf of Mexico, South Atlantic and New Zealand.



TWELVE NEW RECORDS OF NEMATODES

Order : TYLENCHIDA

Family : TYLENCHIDAE

Genus : Zanechus

43. *Zanechus zanchus* Siddiqi, 1979

Locality : Collected from moist soil surrounding the bank of Pichola Lake, Udaipur, Rajasthan, India.

Journal : Journal of Threatened Taxa, **4**(9) : 2889-2899.

Year : 2012

Recorded by : Padma Bohra.

Previous distribution : Malwai.





Animal Discoveries 2012



Family : HOPLOLAIMIDAE

Genus : *Helicotylenchus*

44. *Helicotylenchus californicus* Sher, 1966

Locality : Collected from soil around roots of wheat (*Triticum aestvum*) at Poonmal (Sayra), Udaipur district, Rajasthan, India.

Journal : *Journal of Threatened Taxa*, 4(9) : 2889-2899.

Year : 2012

Recorded by : Padma Bohra.

Previous distribution : California.



45. *Helicotylenchus densibullatus* Siddiqi, 1972

Locality : Collected from soil around roots of Banana (*Musa balbisiana*) from Kakrwa, Rajasamand, Rajasthan, India.

Journal : *Journal of Threatened Taxa*, 4(9) : 2889-2899.

Year : 2012

Recorded by : Padma Bohra.

Previous distribution : Malwai.



46. *Helicotylenchus minzi* Sher, 1966

Locality : Collected from moist soil surrounding the bank of Pichola Lake, Udaipur, Rajasthan, India.

Journal : *Journal of Threatened Taxa*, 4(9) : 2889-2899.

Year : 2012

Recorded by : Padma Bohra.

Previous distribution : Israel, California.



47. *Helicotylenchus talonus* Siddiqi, 1972

Locality : Collected from moist soil surrounding the bank of Pichola Lake, Udaipur, Rajasthan, India.

Journal : *Journal of Threatened Taxa*, 4(9) : 2889-2899.

Year : 2012

Recorded by : Padma Bohra.

Previous distribution : Malwai.



Family : TELOTYLENCHIDAE

Genus : *Neodolicorhynchus*

48. *Neodolicorhynchus (Neodolicorhynchus) judithae* Andrassy, 1962

Locality : Collected from soil around roots of chickoo (*Manikara zapota*) at Nathdwara district Udaipur, Rajasthan, India.

Journal : *Journal of Threatened Taxa*, 4(9) : 2889-2899.

Year : 2012

Recorded by : Padma Bohra.

Previous distribution : Netherlands.



Family : DORYLAIMIDAE

Genus : *Mesodorylaimus*

49. *Mesodorylaimus subtiloides* Paetzold, 1958

Locality : Collected from moist soil around bank of water body around Aarrmpura Range, Sitamata Wildlife Sanctuary, Chittorgarh, Rajasthan, India.

Journal : *Journal of Threatened Taxa*, 4(9) : 2889-2899.

Year : 2012

Recorded by : Padma Bohra.

Previous distribution : Netherlands.





Animal Discoveries 2012

Family : APORCELAIMIDAE

Genus : Aporcellaimellus

50. *Aporcellaimellus adoxus* Tjpekema, Ferris and Ferris, 1971

Locality : Collected from soil around roots of Rizka (*Medicago sativa*) at Manda ki Ghati Sitamata Wildlife Sanctuary, Chittorgarh, Rajasthan, India.

Journal : *Journal of Threatened Taxa*, 4(9) : 2889-2899.

Year : 2012

Recorded by : Padma Bohra.

Previous distribution : Tippecano River State Park.



Family : QUDSIANEMATIDAE

Genus : Sicornema

51. *Sicornema sericatum* Siddiqi, 1982

Locality : Collected from moist soil around water body at Borundi magra, Sitamata Wildlife Sanctuary, Chittorgarh, Rajasthan, India.

Journal : *Journal of Threatened Taxa*, 4(9) : 2889-2899.

Year : 2012

Recorded by : Padma Bohra.

Previous distribution : England, U.S. A.



Family : LONGIDORIDAE

Genus : *Paralongidorus*

52. *Paralongidorus rex* Andrassy, 1986

Locality : Collected from moist soil around Dalia Jalashya on Udaipur to Jaisanand Road, Udaipur district, Rajasthan, India.

Journal : *Journal of Threatened Taxa*, 4(9) : 2889-2899.

Year : 2012

Recorded by : Padma Bohra.

Previous distribution : South Africa, Europe, Asia.



Family : LEPTONCHIDAE

Genus : *Sclerotstylus*

53. *Sclerotstylus karri* Goseco, Ferris and Ferris, 1981

Locality : Collected from soil around roots of unidentified grasses at Borundi magra Sitamata Wildlife Sanctuary Chittorgarh, Rajasthan, India.

Journal : *Journal of Threatened Taxa*, 4(9) : 2889-2899.

Year : 2012

Recorded by : Padma Bohra.

Previous distribution : Panama.





Animal Discoveries 2012



Family : MYDONOMIDAE

Genus : *Dorylaimoides*

54. *Dorylaimoides (Longidorylaimoides) akon* Goseco, Ferris and Ferris, 1976

Locality : Collected from moist soil around the bank of Fatehsagar Lake, Udaipur District, Rajasthan and Sitamata Wildlife Sanctuary, Chittorgarh, Rajasthan, India.

Journal : *Journal of Threatened Taxa*, 4(9) : 2889-2899.

Year : 2012

Recorded by : Padma Bohra.

Previous distribution :
Evansville Country Club, Forest
and Versailles state Park.



TWENTY NEW RECORDS OF INSECTS

Order : ORTHOPTERA

Family : Tettigoniidae

Genus : *Chloracris*

55. *Chloracris brullei* Pictet and Saussure, 1892

Locality : Itanagar, Papumpare district, Arunachal Pradesh, India.

Journal : *Journal of Threatened Taxa*, 4(14) : 3255-3268.

Year : 2012

Recorded by : G. Srinivasan and D. Prabakar.

Previous distribution : Borneo, China, East Indies, Java, Malaysia and Sumatra.



Genus : Onomarchus

56. *Onomarchus uninotatus* Serville, 1838

Locality : Itanagar (Papumpare district) and Pakke Tiger Reserve (East Kameng district), Arunachal Pradesh, India.

Journal : *Journal of Threatened Taxa*, 4(14) : 3255-3268.

Year : 2012

Recorded by : G. Srinivasan and D. Prabakar.

Previous distribution : Ambonia, Australia, Banka, Batoe Islands, Java, Malaysia, Sumatra.



Genus : Pseudophyllus

57. *Pseudophyllus neriifolius* Lichtenstein, 1796

Locality : Itanagar, Papumpare district, Arunachal Pradesh, India.

Journal : *Journal of Threatened Taxa*, 4(14) : 3255-3268.

Year : 2012

Recorded by : G. Srinivasan and D. Prabakar.

Previous distribution : Java, Sumatra.





Animal Discoveries 2012



Genus : *Pyrgocorypha*

58. *Pyrgocorypha subulata* Thunberg, 1815

Locality : Itanagar, Papumpare district, Arunachal Pradesh, India.

Journal : *Journal of Threatened Taxa*, 4(14) : 3255-3268.

Year : 2012

Recorded by : G. Srinivasan and D. Prabakar.

Previous distribution : Bhamo, Bhutan, China, East Himalaya, Indian subcontinent, Java, Malaysia and Myanmar.



Genus : *Trachyzulpha*

59. *Trachyzulpha fruhstorferi* Dohrn, 1892

Locality : Jengging, East Siang district, Arunachal Pradesh, India.

Journal : *Journal of Threatened Taxa*, 4(14) : 3255-3268.

Year : 2012

Recorded by : G. Srinivasan and D. Prabakar.

Previous distribution : Java, Malaysia and Thailand.



Order : THYSANOPTERA
SubOrder : TUBULIFERA
Family : PHLAEOTHRIPIDAE
Genus : *Baenothrips*

60. *Baenothrips asper* Bournier, 1963 (Macropterous form)

Locality : Nagaland (Khuzama), India.

Journal : *Journal of Threatened Taxa*, 4(14) : 3369-3372.

Year : 2012

Recorded by : Kh. Bala, O. Tarunkumar Singh, H. Taptamani and R. Varatharajan.

Previous distribution : Angola, Africa.



Genus : *Dyothrips*

61. *Dyothrips pallescens* Hood, 1919

Locality : Kangla, Manipur, India.

Journal : *Journal of Threatened Taxa*, 4(14) : 3369-3372.

Year : 2012.

Recorded by : Kh. Bala, O. Tarunkumar Singh, H. Taptamani and R. Varatharajan.

Previous distribution : Australia, Bangladesh, China, Fiji, Japan, Pakistan, Thailand and Taiwan.





Animal Discoveries 2012



Sub Order : TEREBRANTIA

Family : THRIPIDAE

Genus : *Dendrothrips*

62. *Dendrothrips schimae* Kudo, 1989

Locality : Impur, Nagaland, India.

Journal : *Journal of Threatened Taxa*, 4(14) : 3369-3372.

Year : 2012.

Recorded by : Kh. Bala, O. Tarunkumar Singh, H. Taptamani and R. Varatharajan.

Previous distribution : Nepal.



Genus : *Mycterothrips*

63. *Mycterothrips consociatus* Targioni-Tozzetti, 1887

Locality : Moreh, Manipur, India.

Journal : *Journal of Threatened Taxa*, 4(14) : 3369-3372.

Year : 2012.

Recorded by : Kh. Bala, O. Tarunkumar Singh, H. Taptamani and R. Varatharajan.

Previous distribution : Austria, Czechoslovakia, Germany and Italy.



Genus : *Panchaetothrips*

64. *Panchaetothrips stepheni* Reyes, 1994

Locality : Moreh, Manipur, India.

Journal : *Journal of Threatened Taxa*,
4(14) : 3369-3372.

Year : 2012.

Recorded by : Kh. Bala, O. Tarunkumar
Singh, H. Taptamani and R. Varatharajan.

Previous distribution : Luzon, Philippine
Islands.



Genus : *Parabaliethrips*

65. *Parabaliethrips coluckus* Kudo, 1977

Locality : Kohima, Nagaland and
Tengnoupal, Manipur, India.

Journal : *Journal of Threatened Taxa*, 4
(14) : 3369-3372.

Year : 2012.

Recorded by : Kh. Bala, O. Tarunkumar
Singh, H. Taptamani and R. Varatharajan.

Previous distribution : Nepal, Taiwan.





Animal Discoveries 2012

Phylum : ARTHROPODA
Class : INSECTA
Order : COLEOPTERA
Family : CERAMBYCIDAE
Genus : *Sarothrocera*

66. *Sarothrocera lowii* White, 1846

Locality : Ukhrul, Manipur, India.

Journal : *Journal of Threatened Taxa*, 4(7) : 2709-2712.

Year : 2012

Recorded by : Hemant V. Ghate, Sophio Riphung and N. S. A. Thakur.

Previous distribution : Myanmar, Indonesia, Laos, Borneo, Sumatra, West Malaysia.

Order : HYMENOPTERA
Family : PTEROMALIDAE
Genus : *Macroglenes*

67. *Macroglenes herbaceus* Graham, 1969

Locality : Bor Wildlife Sanctuary, Wardha district, Maharashtra, India.

Journal : *Bugs R All, Newsletter of the Invertebrate Conservation and Information Network of South Asia*.

Year : 2012.

Recorded by : P. Girish Kumar and T. C. Narendran.

Previous distribution : Czech Republic, Netherlands, Sweden and United Kingdom.



Genus : *Halticoptera*

68. *Halticoptera circulus* Walker

Locality : Sumdho, Hemis National Park, Ladakh, Jammu and Kashmir, India.

Journal : *Rec. zool. Survey India*, **112**(4) : 39-45.

Year : 2012.

Recorded by : P.M. Sureshan

Previous distribution : Palearctic region, America, Africa and China. First record from the Oriental Region.



69. *Halticoptera smaragdina* Curtis

Locality : Skidmang, Ladakh, Jammu and Kashmir, India.

Journal : *Rec. zool. Survey India*, **112**(4) : 39-45.

Year : 2012.

Recorded by : P.M. Sureshan

Previous distribution : Palearctic and Nearctic regions. First record from the Oriental Region.





Animal Discoveries 2012



Genus : *Lamprotatus*

70. *Lamprotatus splendens* Westwood

Locality : Leh, Horze, Ladakh, Jammu and Kashmir, India.

Journal : *Rec. zool. Survey India*, **112**(4) : 39-45.

Year : 2012.

Recorded by : P.M. Sureshan

Previous distribution : Palearctic region and parts of America.

Remark : First record from the Oriental Region.



Genus : *Sphaeripalpus*

71. *Sphaeripalpus lacunosus* Huang

Locality : Sumdho, Ladakh, Jammu and Kashmir, India.

Journal : *Rec. zool. Survey India*, **112**(4) : 39-45.

Year : 2012.

Recorded by : P.M. Sureshan

Previous distribution : China.





Genus : Schizonotus

72. Schizonotus latus Walker

Locality : Hemis National Park, Ladakh, Jammu and Kashmir, India.

Journal : Rec. zool. Survey India, **112**(Part-4) : 39-45.

Year : 2012.

Recorded by : P.M. Sureshan

Previous distribution : Europe, America, North Africa and Pakistan.

Family : VESPIDAE

Genus : Cochlischnogaster

73. Cochlischnogaster dadugangensis Dong and Otsuka, 1997

Locality : Namdapha National Park, Changlang district, Arunachal Pradesh, India.

Journal : Rec. zool. Survey India, **112**(Part-1) : 113-119.

Year : 2012

Recorded by : P. Girish Kumar, J. M. Carpenter and P. M. Sureshan.

Previous distribution : China.

Genus : Omicroides

74. Omicroides singularis Smith, 1858

Locality : Nongpoh, Ri-Bhoi district, Meghalaya, India.

Journal : Rec. zool. Survey India, **112**(Part-3) : 89-93.

Year : 2012

Recorded by : P. Girish Kumar.

Previous distribution : Indonesia, Malaysia, Myanmar, Thailand and Singapore.





Animal Discoveries 2012



ONE NEW RECORD OF SPIDER

CLASS	: ARACHNIDA
ORDER	: ARANEAE
SUBORDER	: MYGALOMORPHAE
FAMILY	: THERIDIIDAE
Genus	: <i>Latrodectus</i>

***75. Latrodectus elegans* Thorell, 1898**

Locality : Thawai village, Ukhrul district, Manipur, India.

Journal : *Journal of Threatened Taxa*, **4**(7) : 2718-2722.

Year : 2012

Recorded by : A. Kananbala, K. Manoj, M. Bhubaneshwari, A. Binarani and Manju Siliwal.

Previous distribution : China, Japan, Myanmar.

NINE NEW RECORDS OF MITES

Order	: ORIBATIDA
Family	: GALUMNIDAE
Genus	: <i>Pergalumna</i>

***76. Pergalumna pertrichosa* Mahunka, 1995**

Locality : Keshtopur, North 24 Parganas, from garden soil, West Bengal, India.

Journal : *Rec. zool. Surv. India*, Volume, **112**(Part-4) : 1-6.

Year : 2012

Recorded by : Shampa Sarkar, A. K. Sanyal and S. Chakrabarti.

Previous distribution : Borneo.



77. *Pergalumna granulates* Balogh and Mahunka, 1967

Locality : Gobindaghat, from soil and litter, Uttarakhand, India.

Journal : *Rec. zool. Surv. India*, Volume, **112**(4) : 1-6.

Year : 2012

Recorded by : Shampa Sarkar, A. K. Sanyal and S. Chakrabarti.

Previous distribution : Vietnam.

78. *Pergalumna andicola* Hammer, 1961

Locality : Ranchi near Hundru falls, from soil and litter, Jharkhand, India and also Purulia, Govt. Girls' High School compound from soil litter, West Bengal, India.

Journal : *Rec. zool. Surv. India*, Volume, **112**(4) : 1-6.

Year : 2012

Recorded by : Shampa Sarkar, A. K. Sanyal and S. Chakrabarti.

Previous distribution : Peru.

79. *Pergalumna incomperta* Engelbrecht, 1972

Locality : Mayapur from leaf litter, Uttarakhand, India.

Journal : *Rec. zool. Surv. India*, Volume, **112**(4) : 1-6.

Year : 2012

Recorded by : Shampa Sarkar, A. K. Sanyal and S. Chakrabarti.

Previous distribution : South Africa.

80. *Pergalumna aegra* Perez-Inigo and Baggio, 1986

Locality : Agatti Island from soil litter from vegetable fields, Lakshadweep, India and also Bangaluru, ISRO Compound from soil litter, Karnataka, India.

Journal : *Rec. zool. Surv. India*, Volume, **112**(4) : 1-6.

Year : 2012

Recorded by : Shampa Sarkar, A. K. Sanyal and S. Chakrabarti.

Previous distribution : Brazil.





Animal Discoveries 2012



81. *Pergalumna margaritata* Mahunka, 1989

Locality : Janakichatti and Chamba from soil, Uttarakhand, India.

Journal : *Rec. zool. Surv. India*, Volume, **112**(4) : 1-6.

Year : 2012

Recorded by : Shampa Sarkar, A. K. Sanyal and S. Chakrabarti.

Previous distribution : Vietnam.

82. *Pergalumna longiporosa* Fujita and Fujikawa, 1987

Locality : Ross Island from soil and litter, Andaman, India.

Journal : *Rec. zool. Surv. India*, Volume, **112**(4) : 1-6.

Year : 2012

Recorded by : Shampa Sarkar, A. K. Sanyal and S. Chakrabarti.

Previous distribution : Japan.

83. *Pergalumna hastata* Aoki, 1987

Locality : Kolkata : near New Alipore Railway Station, from soil and litter, West Bengal, India.

Journal : *Rec. zool. Surv. India*, Volume, **112**(4) : 1-6.

Year : 2012

Recorded by : Shampa Sarkar, A. K. Sanyal and S. Chakrabarti.

Previous distribution : Japan : Northern Yoron Island.

84. *Pergalumna longisetosa* Balogh, 1960

Locality : Nagzira wildlife sanctuary, from soil and litter, Maharashtra, India.

Journal : *Rec. zool. Surv. India*, Volume, **112**(4) : 1-6.

Year : 2012

Recorded by : Shampa Sarkar, A. K. Sanyal and S. Chakrabarti.

Previous distribution : Central Africa.



ONE NEW RECORD OF CRUSTACEA

SuperClass :	CRUSTACEA
Class :	BRANCHIOPODA
SubFamily :	ALONINAE
Genus :	<i>Kurzia</i>

85. *Kurzia (Rostrokurzia) brevilabris* Rajapaksa and Fernando, 1986

Locality : Deepor Beel, Assam, India.

Journal : *Journal of Threatened Taxa*, **4**(1) : 2304-2309.

Year : 2012

Recorded by : B. K. Sharma and Sumita Sharma.

Previous distribution : Thailand, Sri Lanka and Philippines.

TWELVE NEW RECORDS OF MOLLUSCA

Phylum :	MOLLUSCA
Class :	GASTROPODA
Order :	NUDIBRANCHIA
Family :	FACELINIDAE
Genus :	<i>Phidiana</i>

86. *Phidiana indica* Bergh, 1896

Locality : Katchall Island, Nicobar, Andaman and Nicobar Islands, India.

Journal : *Journal of Threatened Taxa*, **4**(4) : 2499-2509.

Year : 2012

Recorded by : C.R. Sreeraj, C. Sivaperuman and C. Raghunathan.

Previous distribution : Widespread in the Indo-Pacific area.





Animal Discoveries 2012



Family : FLABELLINIDAE

Genus : *Flabellina*

87. *Flabellina riwo* Gosliner and Willan, 1991

Locality : Katchall Island, Nicobar, Andaman and Nicobar Islands, India.

Journal : *Journal of Threatened Taxa*, 4(4) : 2499–2509.

Year : 2012

Recorded by : C.R. Sreeraj, C. Sivaperuman and C. Raghunathan.

Previous distribution : Western Indian Ocean of Madagascar and Tanzania to the western Pacific of Papua New Guinea, Malaysia, Indonesia, Philippines and Japan.



Family : ARMINIDAE

Genus : *Dermatobranchus*

88. *Dermatobranchus rodmani* Gosliner and Fahey, 2011

Locality : Kamorta Island, Nicobar, Andaman and Nicobar Islands, India.

Journal : *Journal of Threatened Taxa*, 4(4) : 2499–2509.

Year : 2012

Recorded by : C.R. Sreeraj, C. Sivaperuman and C. Raghunathan.

Previous distribution : Madagascar and eastern Malaysia.



Family : CHROMODORIDIDAE

Genus : Aldisa

89. *Aldisa erwinkoehleri* Perrone, 2001

Locality : Kamorta Island,
Nicobar, Andaman and Nicobar
Islands, India.

Journal : *Journal of Threatened
Taxa*, 4(4) : 2499–2509.

Year : 2012

Recorded by : C.R. Sreeraj,
C. Sivaperuman and C.
Raghunathan.

Previous distribution : Thailand.



Genus : Glossodoris

90. *Glossodoris pallida* Ruppell and Leuckart, 1830

Locality : Kamorta Island, Nicobar,
Andaman and Nicobar Islands,
India.

Journal : *Journal of Threatened
Taxa*, 4(4) : 2499–2509.

Year : 2012

Recorded by : C.R. Sreeraj, C.
Sivaperuman and C. Raghunathan.

Previous distribution : Western
Indian Ocean of South Africa,
Madagascar and Red Sea to
Australia, Fiji, New Guinea,
Philippines Palau and Guam.





Animal Discoveries 2012



Genus : *Mexichromis*

91. *Mexichromis trilineata* A. Adams and Reeve, 1850

Locality : Katchall Island, Nicobar, Andaman and Nicobar Islands, India.

Journal : *Journal of Threatened Taxa*, 4(4) : 2499–2509.

Year : 2012

Recorded by : C.R. Sreeraj, C. Sivaperuman and C. Raghunathan.

Previous distribution : Western Pacific of Australia, Indonesia, Papua New Guinea, Palau and the Philippines.



Genus : *Noumea*

92. *Noumea simplex* Pease, 1871

Locality : Katchall Island, Nicobar, Andaman and Nicobar Islands, India.

Journal : *Journal of Threatened Taxa*, 4(4) : 2499–2509.

Year : 2012

Recorded by : C.R. Sreeraj, C. Sivaperuman and C. Raghunathan.



Family : GONIODORIDIDAE

Genus : Okenia

93. *Okenia kendi* Gosliner, 2004

Locality : Katchall Island,
Nicobar, Andaman and Nicobar
Islands, India.

Journal : *Journal of Threatened
Taxa*, **4**(4) : 2499–2509.

Year : 2012

Recorded by : C.R. Sreeraj,
C. Sivaperuman and C.
Raghunathan.

Previous distribution : Luzon,
Philippines and Sulawesi and
Indonesia.



94. *Okenia pellucida* Burn, 1967

Locality : Ratnagiri, Maharashtra, India.

Journal : *Journal of Threatened
Taxa*, **4**(14) : 3362–2565.

Year : 2012

Recorded by : Vishal Bhawe and
Deepak Apte.

Previous distribution : New
Zealand, Australia, Hawaii,
Japan, Palmyra Atoll, Oceania,
Malaysia and United Arab
Emirates.





Animal Discoveries 2012



Family : PHYLLIDIIDAE

Genus : *Phyllidia*

95. *Phyllidia elegans* Bergh, 1869

Locality : Trinket Island, Nicobar, Andaman and Nicobar Islands, India.

Journal : *Journal of Threatened Taxa*, 4(4) : 2499–2509.

Year : 2012

Recorded by : C.R. Sreeraj, C. Sivaperuman and C. Raghunathan.

Previous distribution : Widespread in Indian Ocean and Western Pacific.



Genus : *Phyllidiopsis*

96. *Phyllidiopsis annae* Brunckhorst, 1993

Locality : Kamorta Island, Nicobar, Andaman and Nicobar Islands, India.

Journal : *Journal of Threatened Taxa*, 4(4) : 2499–2509.

Year : 2012

Recorded by : C.R. Sreeraj, C. Sivaperuman and C. Raghunathan.

Previous distribution : Eastern Indian Ocean of Thailand to Papua New Guinea, Indonesia, Philippines and Southern Japan.



Family : POLYCERIDAE

Genus : *Tambja*

97. *Tambja morosa* Bergh, 1877

Locality : Trinket Island and Kamorta Island, Nicobar, Andaman and Nicobar Islands, India.

Journal : *Journal of Threatened Taxa*, 4(4) : 2499–2509.

Year : 2012

Recorded by : C.R. Sreeraj, C. Sivaperuman and C. Raghunathan.

Previous distribution : western Indian Ocean of South Africa, Tanzania to the western Pacific of New Zealand, Australia, Papua New Guinea, Indonesia, Thailand, Japan and Hawaii.



TEN NEW RECORD OF ECHINODERMATA

Phylum : ECHINODERMATA

Class : ASTEROIDEA

Order : VALVATIDA

Family : OPHIDIASTERIDAE

Genus : *Nardoa*

98. *Nardoa tuberculata* Gray, 1840

Locality : Rutland Island, South Andaman, India.

Journal : *International Journal of Science and Nature*, 3(1) : 167-169.

Year : 2012

Recorded by : Koushik Sadhukhan and C. Raghunathan.

Previous distribution : Philippines, East Indies, China, South Japan and South Pacific Island.





Animal Discoveries 2012



Class : CRINOIDEA
Order : COMATULIDA
Family : HIMEROMETRIDAE
Genus : *Heterometra*

99. *Heterometra crenulata* P. H. Carpenter, 1882

Locality : Pongibalu, South Andaman, India.

Journal : *International Journal of Plant, Animal and Environmental Sciences*, 2(1) : 183-189.

Year : 2012

Recorded by : Koushik Sadhukhan and C. Raghunathan.

Previous distribution : Cambodia, China, Double Island Point, East Indies, Indonesia, Maldives, Monte Bello Islands, North Australia, Philippines, Queensland, Singapore, South Japan, Vietnam and West Australia.



Genus : *Amphimetra*

100. *Amphimetra molleri* A. H. Clark, 1908

Locality : Pongibalu, South Andaman, India.

Journal : *International Journal of Plant, Animal and Environmental Sciences*, 2(1) : 183-189.

Year : 2012

Recorded by : Koushik Sadhukhan and C. Raghunathan.

Previous distribution : China, East Indies, Greater Sunda Islands, Gulf of Thailand, Maldives, Philippines, South Japan and Sri Lanka.



Family : COLOBOMETRIDAE

Genus : *Cenometra*

101. *Cenometra bella* Hartlaub, 1890

Locality : Pongibalu, South Andaman, India.

Journal : *International Journal of Plant, Animal and Environmental Sciences*, 2(1) : 183-189.

Year : 2012

Recorded by : Koushik Sadhukhan and C. Raghunathan.

Previous distribution : East Indies, Philippines, China, South Japan and South Pacific Islands.



102. *Cenometra emendatrix* Bell, 1892

Locality : Rutland Island, South Andaman, India.

Journal : *International Journal of Plant, Animal and Environmental Sciences*, 2(1) : 183-189.

Year : 2012

Recorded by : Koushik Sadhukhan and C. Raghunathan.

Previous distribution : Aldabra, Madagascar, Mascarene Basin, Mauritius, Seychelles and West Indian Ocean.





Animal Discoveries 2012



Family : COMATULIDAE

Genus : *Comanthus*

103. *Comanthus alternans* P. H. Carpenter, 1881

Locality : Rutland Island, South Andaman, India.

Journal : *International Journal of Plant, Animal and Environmental Sciences*, 2(1) : 183-189.

Year : 2012

Recorded by : Koushik Sadhukhan and C. Raghunathan.

Previous distribution : Northern Australia, Indo-Malaya, southern Japan, Palau, Guam, Chuuk and Kwajalein Atolls and New Caledonia.



Class : OPHIUROIDEA

Order : OPHIURIDA

Family : OPHIOTRICHIDAE

Genus : *Ophiopteran*

104. *Ophiopteran vitiensis* Koehler, 1927

Locality : Henry Lawrence Island, Ritchie's Archipelago, India.

Journal : *Middle East Journal of Scientific Research*, 12(2) : 274-281.

Year : 2012

Recorded by : Koushik Sadhukhan, C. Raghunathan and K. Venkataraman.

Previous distribution : Ceylon area, Philippines, North Australia and East Indies.



Genus : Ophiothrix

105. *Ophiothrix savignyi* Muller and Troschel, 1842

Locality : John Lawrence Island, Ritchie's Archipelago, India.

Journal : *Middle East Journal of Scientific Research*, **12**(2) : 274-281.

Year : 2012

Recorded by : Koushik Sadhukhan, C. Raghunathan and K. Venkataraman.

Previous distribution : Mascarene Island, East Africa, Madagascar, Red Sea, South East Arabia, Persian Gulf, West India and Pakistan, Ceylon area and Philippines Island.



106. *Ophiothrix (Theophrix) pussila* Lyman, 1874

Locality : Outram Island, Ritchie's Archipelago, India.

Journal : *Middle East Journal of Scientific Research*, **12**(2) : 274-281.

Year : 2012

Recorded by : Koushik Sadhukhan, C. Raghunathan and K. Venkataraman.

Previous distribution : East Indies, Philippines Islands.





Animal Discoveries 2012



Family : OPHIONEREIDAE

Genus : *Ophionereis*

107. *Ophionereis degeneri* A.H. Clark, 1949

Locality : John Lawrence Island, Ritchie's Archipelago, India.

Journal : *Middle East Journal of Scientific Research*,
12(2) : 274-281.

Year : 2012

Recorded by : Koushik Sadhukhan, C. Raghunathan
and K. Venkataraman.

Previous distribution : China and South Japan, East
Indies and Ceylon area.



TWO NEW RECORD OF FISHES

Class : ACTINOPTERYGII

Order : PERCIFORMES

Family : ACROPOMATIDAE

Genus : *Acropoma*

108. *Acropoma argentistigma* Okamoto and Ida, 2002

Locality : Mohana Fish landing centre (21°37.843'N 87°32.827'E), Digha, India.

Journal : *Marine Biodiversity Records*, 5 : e65.

Year : 2012

Recorded by : Prasanna Yennawar,
Dipanjan Ray and Anil Mohapatra.

Previous distribution : Andaman
Sea, off southern Thailand and
known by the types only.



Family : SPARIDAE

Genus : *Argyrops*

109. *Argyrops bleekeri* Oshima, 1927

Locality : Mohana Fish landing centre (21°37.843' N, 87°32.827'E), Digha, West Bengal and Talsari, Odisha, India.

Journal : *Rec. zool. Surv. India*, **112**(2) : 121-122.

Year : 2012

Recorded by : Prasanna Yennawar and Prasad Tudu.

Previous distribution : Japan to Southeast Asia and Northwest coast of Australia.





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