Directory

Invertebrate Pollinator Network of South Asia (IPNSA)

A Project of

South Asian Invertebrate Specialist Group (SAs/SG)

Invertebrate Conservation and Information Network of South Asia & Conservation Planning Specialist Group – South Asia (ICINSA/CP/SG South Asia)

2016 (Ver. 8.0)
May 2016

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PREFACE

It is with great satisfaction that I write this Preface to the IPNSA Directory. The Invertebrate Pollinator Network of South Asia, a project of the South Asian Invertebrate Specialist Group (SAsISG) IUCN SSC, ICINSA or Invertebrate Conservation and Information Network of South Asia and the Conservation Breeding Specialist Group of South Asia, is, to my mind, one of the most important projects we have taken up at this time. The decline of pollinators is one of the more frightening current issues and problems which are indicative of mankind's proximity to a precipice leading to unimaginable suffering of all living creatures.

The only aspect of this issue more frightening than its inevitable result unless we find solutions or mitigating actions, is the fact that it is so difficult to convey to people who could or should start generating policy and preparing action plans. Of course, even the man on the street should be able to appreciate the fact of no pollinators-no-plants-no-food-no survival !!!! But the penny just doesn't seem to drop! I have talked about this to many people but have yet to generate a single bit of alarm of hysteria to match my own inner fretting.

I am pleased to hear from our IPNSA Chair that much activity will be devoted to the development of educational materials which would, we hope, generate sufficient alarm to create a movement. Such issues are heartbreaking as they are so large... almost any of our efforts seem so small against the backdrop of global warming and human apathy. Networks such as IPNSA, however, with members who will-we hope-might start community groups, clubs, discussions, etc. and spread the word that we must pressure our policy makers and agricultural experts to come up with man-made miracles that will compensate man-made mistakes and restore enough of our natural process so that we may live comfortably on earth for some more decades and centuries, or even millennia.

I would be derelict in my duty as Preface Author and as a grateful friend and colleague of Paul Pearce Kelly, Curator of the Invertebrate Conservation Centre, Zoological Society of London, who has raised funds for the Invertebrate Network here for so many years. This is not the only reason. Paul is a virtual crusader on the topic of global warming and has taken this hot topic up with even greater zeal in the last year. We will be working with him to find ways to fund and to create innovative, inspiring, instructional and informational items with which to put both the fear of God and the hope of creative action into the public about what is happening to our world of insects and the impact on our personal comfort and survival. Our thanks to Paul and ZSL for assistance with our Invertebrate networks and for their promotion of issues which impact our survival.

I will be working in this network with you and looking forward to our output.

Sally Walker
PREAMBLE

There are many impending environmental crises that face the human race today. Climate change and global warming are among the best known and have become household terms because their effects are experienced by citizens of all nations, rich or poor, from temperate to tropical regions.

A crisis that is less well known, even though it has enormous consequences for food production and nutritional security of nations, is the decline of domesticated and wild pollinators. This decline is largely due to intensification of agriculture worldwide which has led to destruction of nesting habitats for wild pollinators, poisoning due to extensive pesticide application for larger crop yields, and alteration of cropping patterns and land use practices leading to loss of adult and juvenile food resources for pollinators.

Like global warming, the pesticide crisis has also become a household word, especially when the horrific impacts of endosulfan on farm workers and their children in Kerala were revealed. Earlier, the usage of DDT and its appearance even in breast milk have surely entered national consciousness. The links between pesticides and human health appear to be firmly established in the public mind. Organic food is now very much in the attention of the media and hence of the public. However, the links between pesticides and pollinator health have not been realized.

Furthermore, the impact of land use practices on pollinator biology and reproduction is completely ignored. This is not the public's fault. Even most biologists do not appreciate this problem, and even those that do, often assume that the crop scientists must be taking care of it.

Most statistics on food production also tell us how many metric tons of "food" are produced, but "food" production in terms of calories alone are meaningless statistics because a nation and a world needs nutritional security in terms of micro- and macro-nutrients and not just caloric security. The backlash against fast-food is a sign of the times. Micro-nutrient diversity, especially in a largely vegetarian population as exists in many parts of Asia, requires crop diversity, not just rice and wheat. Crop diversity is directly linked with pollinator diversity. In recognition of the importance of pollinator services for food and nutritional security, the Food and Agriculture Organization (FAO) have made the pollinator issue of prime importance.

A recent review of the importance of pollinators for world crops (Klein 2007) cited very few studies from Asia. Does this mean that there are no good studies on the impact of pollinators from Asia or does this mean that these studies are buried in reports or other inaccessible places and need to be brought into the public eye? We, in Asia, need to examine the evidence and the ameliorating measures for pollination security as fast as possible. Klein concluded that except for a few crops, published information of crop pollination is scarce.

We, in IPNSA therefore believe that our prime tasks should be the following:

1. To form a network of resource managers, stakeholders, and personnel who can provide information on pollination and pollinators.
2. To collate and analyze published and unpublished information as well as traditional wisdom/unconventional sources of such information, in order to evaluate the magnitude and consequences of disruption of pollinator services.
3. To use this analysis of secondary data on pollinators and pollination services and the pollinator network to engage in discourse with policy makers and civil society in order to effect a positive impact on pollinator conservation.
4. To develop methods and impart training for rapid assessment of pollinators and impacts of their declining status.
5. To create awareness at all levels.

- Editors
## Alphabetical Index of IPNSA members

A  
Agarwal, Om Prakash  
Aggarwal, Shashi  
Ahmad, Munir  
Aneesh, K.S.  
Arif, Mohammad  
Arunagam, Munusamy  
Ashfaque, Muhammad  
Ataur, Rahman  

B  
Banu, Raisa Fathima  
Bashir, Muhammad Amjad  
Binoy, C.F.  
Borges, Renee Maria  
Borgia, Mary Nirmala  
Bujbarua, Pranab  

C  
Chandel, Babu Singh  
Chandra, Kailash  
Chatterjee, Debajyothi  
Chinasuryanarayana, Manda  
Chishti, Mohammed Zahoor  
Choudhury, Kushal  

D  
Daniel, B.A.  
Dhanisha, C.  
Dugal, Farkhanda Manzoor  

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Ghosh, Soumyendra Nath  
Gupta, Jitendar Kumar  

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Haq, Mohamed Abdul  
Hossain, Mohammed Sakhatw  

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Jain, Krishan Lal  
Jobiraj, Thayyullathil  
Jose, K. Sajan  

K  
Kakar, Krishan Lal  
Kalita, Jatin  
Kanivebaglu, Vinayaka Shankaranarayana  
Khan, Mohammad Sarfraz  
Kumar, K.  
Kumar, Ram Neelima  

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Matty, Vinod Kumar  
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Mitra, Bulganin  
Mitra, Santanu  
Mittal, Mahesh Chandra  
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Mohanthy, Prafulla Kumar  
Molur, Sanjay  
Mukherjee, Munmun  
Murugan, Kadarkarai  
Muthuraman, M.  

N  
Nagendran, Natarajan Arun  

P  
Panda, Darshan  
Pradhan, Urbashi  
Priyankara, Edirisinghe Jayanthi  

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Qayyum, Abdul  

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Rafi, Muhammad Ather  
Raghava, T.  
Raju, Aluri Jacob Solomon  
Reddy, Manjunatha  
Reddy, Poluru Venkatarami  
Rose, Harjinder Singh  

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Saravanan, Soorangkattan  
Sasikalaa, Keshava Rao  
Selvasundaram, Rajagopal  
Sharma, Harish Kumar  
Sharma, Neerupma  
Sharma, Radheshyam Murlidhar  
Shihan, Tahsinur Rahman  
Sihag, Ram Chander  
Siliwal, Manju Puramal Jangir  
Singh, Joginder  
Sreedevi, Kolla  
Srivastava, Alok Kumar  
Sushil, Satya Nand  

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Tangbi, Kinley Tenzin  
Thakur, Satpal Singh  
Tiple, Ashish Diliprao  

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Uniyal, V.P.  

V  
Vanithakumari, Gopal  
Varathanaraj, Ramaiyer  
Varshney, Rajendra Kumar  
Verghese, Abraham  

W  
Walker, Sally  
Weerakoon, Buddhika Malitha
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- Daniel, B.A.
- Molur, Sanjay
- Siliwal, Manju Puranmal Jangir

### Coleoptera
- Arif, Mohammad
- Binoy, C.F.
- Bujarbarua, Pranab
- Chandel, Babu Singh
- Chandra, Kailash
- Dugal, Farkhanda Manzoor
- Kakar, Krishan Lal
- Kalita, Jatin
- Mathew, George
- Mattu, Vinod Kumar
- Mitra, Bulganin
- Mohanadas, Katani
- Rafi, Muhammad Ather
- Selvasundaram, Rajagopal
- Singh, Joginder

### Coleoptera
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- Binoy, C.F.
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- Mitra, Bulganin
- Mohanadas, Katani
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- Selvasundaram, Rajagopal
- Singh, Joginder

### Ephemeroptera
- Nagendran, Natarajan Arun

### Hemiptera
- Kumar, Neelima Ram
- Lenin, Arockia E.
- Priyankara, Edirisinghe Jayanthi
- Selvasundaram, Rajagopal
- Srivastava, Alok Kumar

### Hymenoptera
- Agarwal, Om Prakash
- Ahmad, Munir
- Arif, Mohammad
- Ashfaque, Muhammad
- Bashir, Muhammad Amjad
- Binoy, C.F.
- Borgia, Mary Nirmala
- Bujarbarua, Pranab
- Chandel, Babu Singh
- Chinasuryanarayana, Manda
- Chishti, Mohammed Zahoor
- Choudhury, Kushal
- Ghosh, Soumyendra Nath
- Gupta, Jitendar Kumar
- Haq, Mohamed Abdul
- Hossain, Mohammed Sakhawat
- Jain, Krishan Lal
- Jobiraj, Thayullathil
- Jose, K. Sajan
- Kakar, Krishan Lal
- Kalita, Jatin
- Khan, Mohammad Sarfraz
- Kumar, K.
- Kumar, Neelima Ram
- Mathew, George
- Mattu, Vinod Kumar
- Mazumdar, Santosh
- Mittal, Mahesh Chandra
- Mohanadas, Katani
- Mukherjee, Munmun
- Muthuraman, M.
- Qayyum, Abdul
- Rafi, Muhammad Ather
- Raju, Aluri Jacob Solomon
- Reddy, Poluru Venkatarami
- Saravanar, Soorangkattan
- Sharma, Harish Kumar
- Sharma, Radheshyam Murlidhar
- Singh, Joginder
- Sushil, Satya Nand
- Thakur, Satpal Singh
- Tiple, Ashish Diliprao
- Verghese, Abraham

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Sushil, Satya Nand
Tangbi, Kinley Tenzin
Thakur, Satpal Singh
Uniyal, V.P.
Vanithakumari, Gopal
Varatharajan, Ramaiyer
Verghese, Abraham

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Aneesh, K.S.
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Bujarbarua, Pranab
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Chishti, Mohammed Zahoor
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Kumar, Neelima Ram
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Raju, Aluri Jacob Solomon
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Saravanan, Soorangkattan

Sasikala, Keshava Rao
Selvasundaram, Rajagopal
Sharma, Radheshyam Murlidhar
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Singh, Joginder
Srivastava, Alok Kumar
Tiple, Ashish Diliprao
Uniyal, V.P.
Varatharajan, Ramaiyer
Varshney, Rajendra Kumar
Weerakoon, Buddhika Malitha

**Odonata**
Aneesh, K.S.
Choudhury, Kushal
Tiple, Ashish Diliprao

**Plecoptera**
Nagendran, Natarajan Arun

**Thysanoptera**
Raju, Aluri Jacob Solomon
Varatharajan, Ramaiyer

**Trichoptera**
Nagendran, Natarajan Arun

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Aggarwal, Shashi
Arumugam, Munusamy
Banu, Raisa Fathima
Borges, Renee Maria
Chatterjee, Debajyothi
Dhanisha, C.
Kanivebaglu, Vinayaka Shankaranarayana
Mitra, Santanu
Molur, Sanjay
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Publications: 2  

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Publications: 5
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Publications:  
Books and Chapters: 1  
Popular Articles: 5

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Special Interest: Arthropoda  
Projects / Geographic Areas: Patiala, Punjab

Publications:  
Books and Chapters: 1

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Publications: 2

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Projects / Geographic Areas: Ennore Estuary, Kovalam backwaters & Royapuram fish landing site  
Publications: 21  
Books and Chapters: 4  
Popular Articles: 2

Ataur, Rahman  
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Special Interest: Hymenoptera, Apidae, Megachilidae, Xylocopinae  
Projects / Geographic Areas: Assam, Northeast India  
Publications: 40  
Popular Articles: 20

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Publications: 1
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**Special Interest:** Pollination in fragmented forests  
**Projects / Geographic Areas:** Western Ghats, Eastern Ghats, Central India  
**Publications:** 9

Borgia, Mary Nirmala

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**Special Interest:** Coleoptera, Hymenoptera, Lepidoptera  
**Projects / Geographic Areas:** Eastern Himalayas and Northeast India  
**Publications:** 12  
**Books and Chapters:** 1  
**Popular Articles:** 6

Chandel, Babu Singh

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**Special Interest:** Coleoptera, Lepidoptera, Hymenoptera  
**Geographic Areas:** UGC Major Research Project, Central Uttar Pradesh, 2007-2011.  
Major Research Project - UPCST, Yamuna-Gangetic Plain, 2015-till date.  
**Publications:** 63
Chandra, Kailash  
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**Special Interest:** Coleoptera, Cetoniinae, Lepidoptera  
**Projects / Geographic Areas:** Scarabaeid beetles of Northwest India, Himachal Pradesh, Andaman & Nicobar Islands, Madhya Pradesh.

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**Special Interest:** Mangrove plants, Santalum album  
**Projects / Geographic Areas:** Ministry of Environment and Forest. Govt. of India.(Documenting pollinating insects is a part of the project). Mangroves of Karnataka, March 2006-March 2009.
**Publications:** 2

Chinasuryanarayana, Manda  
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**Publications:** 83  
**Books and Chapters:** 3  
**Popular Articles:** 14

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**Projects / Geographic Areas:** Jammu & Kashmir-India  
**Publications:** 100  
**Books and Chapters:** 2
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Special Interest: Pollinator conservation in South Asia

Projects / Geographic Areas: South Asia

Publications: 5

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Popular Articles: 7
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Phone: 91-1792-252240, Res: 223127  
Fax: 91-1792-252242  
Email: jkg393@yahoo.co.in

Special Interest: Apidae / Hymenoptera, Diptera  
Projects / Geographic Areas: Himachal Pradesh  
Publications: 100  
Books and Chapters: 1 Book with 2 Chapters  
Popular Articles: 10

Haq, Mohamed Abdul  
(b: 28 Aug, 1942)

Professor (Retired)

Address:  
Residence: Smis Dale, Kohinoor, Tenhipalam, Malappuram 673 636, Kerala

Phone: Res: 91-494-2400505, 2400276

Special Interest: Honey Bees  
Projects / Geographic Areas: Mite-honeybee interaction (As collaborator, DST New Delhi), South India  
Publications: Over 200

Jain, Krishan Lal  
(b: 01 Jan, 1949)

Retired Professor

Address:  
Residence: 323, 15A, Faridabad 121 002, Harayana

Phone: Res: 91-129-2221811, Mobile: 09717018303  
Email: jainkl07@rediffmail.com

Special Interest: Hymenoptera: Megachilidae; Apidae  
Publications: 28 Journals  
Books and Chapters: Abstract: 9; Chapters in book: 3

Jobiraj, Thayyullathil  
(b: 25 May, 1974)

Higher Secondary School Teacher (Zoology)

Address:  
Office: SKMJ Higher Secondary School  
Kalpetta, Wayanad North, Kerala  
Residence: Pournami, Karumala, Balussery, Kozhikode 673 612, Kerala

Phone: 91-4936-206010, Res: 91-4962-642525  
Email: jobibee@yahoo.co.in

Special Interest: Apiculture Hymenoptera  
Projects / Geographic Areas: Kerala (Western Ghats area especially Wayanad)  
Publications: 7
Jose, K. Sajan  
(b: 25 May, 1960)

**Address:**  
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Moolamattom, Arakkulam P.O., Idukki 685 591, Kerala  
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**Phone:** 91-4862-252043, Res: 253190, Mobile: 9446131290  
**Fax:** 91-4862-252766  
**Email:** regalbees@rediffmail.com

**Special Interest:** 1. *Trigona iridipennis*, Apidae, 2. *Apis cerana indica*, Apidae

**Publications:** Published few articles in the popular Malayalam Agricultural magazines, mainly on Meliponiculture. Now I am planning to publish a book on Meliponiculture.

---

Kakar, Krishan Lal  
(b: 7 Jul, 1946)

**Address:**  
Extension Co-ordinator  
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Shimla 171 007, Himachal Pradesh  
Residence: Honey Lodge, North Oak, Sanjauli, Shimla 171 006 Himchal Pradesh

**Phone:** 91-177-2740261, Res: 2640778  
**Fax:** 91-177-2740261

**Special Interest:** Hymenoptera (Apidae), Diptera (Syrphidae), Lepidoptera (Pieridae, Nocturidae), Coleoptera (Coccinellidae, Chrysomellidae)

**Projects / Geographic Areas:** Temperate wet zone of Himalayas

**Publications:** 50  
**Books and Chapters:** 2  
**Popular Articles:** 10

---

Kalita, Jatin  
(b: 31 Mar, 1953)

**Address:**  
Professor  
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**Special Interest:** Lepidoptera; Coleoptera–Xyllocopidae; Hymenoptera-apidae

**Projects / Geographic Areas:** Northeast India

**Publications:** 43  
**Books and Chapters:** Book-1, Chapter-2  
**Popular Articles:** 2

---

Kanivebaglu, Vinayaka Shankaranarayana  
(b: 23 Feb, 1985)

**Address:**  
Research Fellow  
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Bioscience Complex Jnana Sahy dri, Shankaraghatta, Shimoga 577 451, Karnataka  
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**Special Interest:** Orchediaceae; Fabaceae
Khan, Mohammad Sarfraz  
(b: 15 Jul, 1965)  
Senior Scientist  
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263 145, Uttaranchal  
Residence: 1380, Ta Colony, GB Pant Univ. of Agri. & Tech., Pantnagar 263 145, Uttaranchal  
Phone: 91-5944-233078, Mobile: 9412996902  
Email: sarfrazms65@yahoo.co.in  
Special Interest: Hymenoptera  
Projects / Geographic Areas: Kumaon region of Uttaranchal  
Publications: 17  
Popular Articles: 16

Kumar, K.  
(b: 30 Jul, 1971)  
Assistant Professor  
Address:  
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Karaikal 609 603, Puducherry  
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Phone: 91-4368-261372, Res: 231458  
Email: kumarkaliaperumal@yahoo.co.in  
Special Interest: Apidae; Syrphidae  
Projects / Geographic Areas: Pesticide Toxicology  
Publications: 14  
Books and Chapters: Manual-2  
Popular Articles: 6

Kumar, Neelima Ram  
(b: 06 Dec, 1953)  
Professor  
Address:  
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Sector 14, Chandigarh 160 014, Punjab  
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Email: neelimark@yahoo.co.in  
Special Interest: Hymenoptera, Lepidoptera, Diptera, Heteroptera  
Projects / Geographic Areas: North India  
Publications: 37  
Books and Chapters: 6  
Popular Articles: 2

Lenin, Arockia E.  
(b: 20 Apr, 1987)  
Research Assistant  
Address:  
Office: Entomology Research Unit, St. Xavier’s College (Autonomous),  
Palayamkottai 627 002, Tamil Nadu  
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Mathew, George

Emeritus Scientist

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Fax: 91-487-2699249
Email: mathew@kfri.org, gmathewkfri@gmail.com

Special Interest: Lepidoptera, Coleoptera, Hymenoptera
Conservation research pertaining to Butterflies and setting up Butterfly Houses and Butterfly Gardens.

Projects / Geographic Areas: Kerala

Publications: 115
Popular Articles: 8

Mattu, Vinod Kumar

Associate Professor

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         Residence: Indra Cottage, Summer Hill, Shimla 171 005, Himachal Pradesh

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Email: mattuhpu@rediffmail.com

Special Interest: Lepidoptera, Diptera, Hymenoptera, Coleoptera

Projects / Geographic Areas: Northwest Himalayan Region

Publications: 105
Books and Chapters: 15
Popular Articles: 12

Mitra, Bulganin

Assistant Zoologist

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         Residence: 2, Basunagar, Madhyamgram, 24 Parganas (N) 700 129, West Bengal

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Fax: 91-33-24006893, 24008595
Email: bulganin_mitra@yahoo.co.in, bulganin_mitra@rediffmail.com

Special Interest: Diptera, Coleoptera

Projects / Geographic Areas: Studies on the Pollinators of Medicinal Plants (Ongoing)
Studies on the Flower-visited flies of Kolkata and surroundings (Completed)
Pictorial handbook on the Pollinators of temperate fruit crops (Ongoing).
India with special reference to Himalayan ecosystem.

Publications: 85 Scientific Articles + 14 Abstracts
Books and Chapters: 6+1 Pictorial Hand book : 3
Popular Articles: 37
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Date of Birth</th>
<th>Address</th>
<th>Phone</th>
<th>Email</th>
<th>Special Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mitra, Santanu</td>
<td>Junior Zoological Assistant</td>
<td>(b: 02 Jan, 1971)</td>
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<td><a href="mailto:santanu.mitra@rediffmail.com">santanu.mitra@rediffmail.com</a></td>
<td>Special Interest: Mesogastropoda (Mollusca); Projects / Geographic Areas: Mindapore &amp; Bankura district of West Bengal; Publications: 13; Popular Articles: 3 (In Bengali)</td>
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<td>Mittal, Mahesh Chandra</td>
<td>Development Officer</td>
<td>(b: 09 Jun, 1945)</td>
<td>Office: State Beekeeping Ext. Center, Khadi &amp; Village Industries Commission, Medical College Campus, Haldwani, Nainital 263 139, Uttarakhand; Residence: 2-287/1, Ambia Vihar, Nainital Road, Behind Amrapali Hotel, Haldwani Nainital 263 141, Uttarakhand</td>
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<td><a href="mailto:mittalmahesh@yahoo.co.in">mittalmahesh@yahoo.co.in</a></td>
<td>Special Interest: <em>Apis mellifer</em> (Honeybees), <em>Apis cerana</em>, <em>Apis dorsata</em>, <em>Apis florea</em>; Projects / Geographic Areas: Haldwani (Distt. Nainital)</td>
</tr>
<tr>
<td>Mohanadas, Katani</td>
<td>Scientist</td>
<td>(b: 27. Aug, 1956)</td>
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<td>Special Interest: Hymenoptera, Diptera, Coleoptera; Projects / Geographic Areas: Thrissur, Kerala; Publications: 2; Popular Articles: 1</td>
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<tr>
<td>Mohanty, Prafulla Kumar</td>
<td>Professor</td>
<td>(b: 01 Mar, 1958)</td>
<td>Office: Dept. of Zoology, Utkal University, Vani Vihar Bhubaneswar 751 004, Orissa; Residence: Qr. No. CF-57, Utkal Univesity Campus, Van Vihar, Bhubaneswar 751 004 Orissa</td>
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<td><a href="mailto:prafulla.mohanty@yahoo.co.in">prafulla.mohanty@yahoo.co.in</a></td>
<td>Special Interest: Lepidoptera (Saturniidae); Projects / Geographic Areas: Orissa</td>
</tr>
</tbody>
</table>
### Molur, Sanjay

**Executive Director ZOO, Founder Secretary WILD**

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**Email:** herpinvert@gmail.com

**Special Interest:** Araneae  
**Projects / Geographic Areas:** Western Ghats  
**Publications:** 7

### Mukherjee, Munmun

**Student**

**Address:**
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**Special Interest:** 1. Hymenoptera, Apidae, 2. Lepidoptera

### Murugan, Kadarkarai

**Senior Lecturer**

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Coimbatore 641 046, Tamil Nadu

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**Fax:** 91-422-2422387, 2425706

**Email:** kmvvk@yahoo.com, kmvvk@rediffmail.com

**Special Interest:** Bee pollinator, Lepidoptera; Papilionidae, Danaidae, Hesperiidae  
**Projects / Geographic Areas:** Western Ghats, Southern India  
**Publications:** 115  
**Books and Chapters:** 1  
**Popular Articles:** 32

### Muthuraman, M.

**Professor**

**Address:**
**Office:** Dept. of Agricultural Entomology, Tamil Nadu Agricultural University  
Coimbatore 641 003, Tamil Nadu

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**Phone:** 91-422-2431222, Res: 2432806

**Email:** loyalbee@yahoo.co.in

**Special Interest:** Honey bees, Stingless bees  
**Projects / Geographic Areas:** Tamil Nadu (In and around Coimbatore)  
**Publications:** 20
Nagendran, Natarajan Arun

Senior Lecturer

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Email: narunagnrendran@yahoo.co.in

Special Interest: Ephemeroptera, Lepidoptera, Trichoptera, Plecoptera
Projects / Geographic Areas: Ecological studies and Mathematical Modelling on Bioinvasion in Gulf of Mannar - Co Investigator, CSIR Sponsored Project
Western ghats-Palani hills, Sirumalai, Karanthamali, Alagar hills and Cardamam hills

Publications: 25 Scientific Article
Books and Chapters: 1 Book, 3 Chapters.

Panda, Darshan

Student

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Pradhan, Urbashi

PhD Scholar

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Special Interest: 1. Forest fragments and Pollinators, 2. Ecosystem service and Pollination, 3. Pollination of cash crop

Raghava, T.

Research Fellow

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Bangalore 560 026, Karnataka
Phone: 91-80-226611664, Mobile: 9844787463
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Special Interest: 1. Lepidoptera, 2. Diptera
Raju, Aluri Jacob Solomon  
\(\text{(b: 15 May, 1960)}\)

**Head of the Department**

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**Special Interest:** Hymenoptera, Lepidoptera, Diptera, Thysanoptera
**Projects / Geographic Areas:** Eastern Ghats of Andhra Pradesh
**Publications:** 150
**Books and Chapters:** 20
**Popular Articles:** 20

---

Reddy, Manjunatha  
\(\text{(b: 16 Jun, 1982)}\)

**Junior Research Fellow**

**Address:**
- **Office:** Center for Ecological Sciences, Indian Institute of Science
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**Email:** manju@ces.iisc.ernet.in

**Special Interest:** 1. Lepidoptera, 2. Hymenoptera

---

Reddy, Poluru Venkatarami  
\(\text{(b: 16 May, 1966)}\)

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**Special Interest:** 1. Hymenoptera, Apidae, 2. Diptera, Syrphids.

---

Saravanan, Soorangkattan  
\(\text{(b: 14 May, 1983)}\)

**SERB - Young Scientist**

**Address:**
- **Office:** Centre for Biodiversity and Forest Studies, School of Energy, Environment and Natural Resources, Madurai Kamaraj University
- **Phone:** 0452-2459687, Mobile: 9787748031
**Email:** saravanmku@gmail.com

**Special Interest:** Hymenoptera and Apidae, Diptera-Syrphidae and Eristalis, Lepidoptera and Helicoverpa
**Geographic Areas:** SERB - Young Scientist Project, Various ecosystems of Tamil Nadu, 2016-2019.

---

Rose, Harjinder Singh  
\(\text{(b: 15 Oct, 1946)}\)

**Principal**

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- **Office:** Shaheed Udham Singh College of Research and Technology Tangori Mohali 140 306, Punjab
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Sasikala, Keshava Rao

(b: 31 May, 1955)

Retired

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Special Interest: Butterflies (Lepidoptera: Danainae)

Projects / Geographic Areas: Western Ghats

Publications: 56

Popular Articles: 27

Selvasundaram, Rajagopal

(b: 13 Jun, 1962)

Senior Entomologist

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Email: rsselva@rediffmail.com

Special Interest: Hymenoptera, Lepidoptera, Coleoptera, Hemiptera.

Projects / Geographic Areas: Valparai, Annamalai

Publications: 60

Popular Articles: 5

Sharma, Harish Kumar

(b: 13 Apr, 1962)

Scientist

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Nauni, Solan 173 230, Himachal Pradesh

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Special Interest: Hymenoptera, Diptera

Projects / Geographic Areas: Western Himalaya

Sharma, Neerupma

(b: 09 Aug, 1975)

Senior Research Fellow

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Email: neerupma2002@yahoo.co.in
Special Interest: Pollination with the help of Bats
Projects / Geographic Areas: Kullu-Himachal Pradesh
Popular Articles: 3

Sharma, Radheshyam Murlidhar

(b: 06 May, 1953)

Scientist "D"
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Email: sharma_rm2003@yahoo.co.in

Special Interest: Lepidoptera (Butterflies); Diptera
Projects / Geographic Areas: Himachal Pradesh
Publications: 80
Books and Chapters: 4 (In Marathi)
Popular Articles: 100 (Marathi & Hindi)

Sihag, Ram Chandler

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Residence: House No: 162, Sector-15A, Hesar 125 001, Haryana
Phone: 91-1662-243334
Email: sihagrc@rediffmail.com, sihagrc@yahoo.co.in

Special Interest: Hymenoptera: Bees, Honeybees, Apis, Megachile, Chalicodoma, Xylocopa
Projects / Geographic Areas: North-Western India
Publications: 89
Books and Chapters: 46
Popular Articles: 18

Siliwal, Manju Puranmal Jangir

(b: 09 Sep, 1972)

Research Associate
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Special Interest: Araneae
Projects / Geographic Areas: Western Ghats

Singh, Joginder

(b: 14 Mar, 1974)

Research Scholar
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**Sreedevi, Kolla**  
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Tirupati 517 501, Andhra Pradesh  
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**Special Interest:** Hymenoptera

**Projects / Geographic Areas:** Surrounding Chandigarh, U.T., Punjab, Haryana and Himachal Pradesh, India

---

**Srivastava, Alok Kumar**  
*(b: 20-Mar-1975)*

**Associate Professor**

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**Phone:** 0512-2651730, Res: 0512-2630342, Mobile: 9336260092  
**Email:** aloksrivastava5877@gmail.com

**Special Interest:** Hemiptera: Aphididae; Lepidoptera: Arctiidae

---

**Sushil, Satya Nand**  
*(b: 03 Nov, 1966)*

**Senior Scientist**

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**Phone:** 91-5962-241005, Res: 241082  
**Fax:** 91-5962-230539  
**Email:** snsushil@yahoo.co.uk

**Special Interest:** Syrphids (Syrphidae: Diptera); Apis sp.  
**Projects / Geographic Areas:** Northwest Himalayas  
**Publications:** 48  
**Books and Chapters:** 2  
**Popular Articles:** 2

---

**Thakur, Satpal Singh**  
*(b: 21 Dec, 1960)*

**Associate Professor**

**Address:**  
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Palampur 176 062, Himachal Pradesh  
**Residence:** Village-Bhatwan, Basantpur P.O., Rakhoh Via, Mandi Dt. 176 042, Himachal Pradesh  
**Phone:** 91-1894-230385

**Special Interest:** Hymenoptera-Apidae, Diptera-Syrphidae  
**Projects / Geographic Areas:** Himachal Pradesh  
**Publications:** 40  
**Books and Chapters:** 2  
**Popular Articles:** 12
Tiple, Ashish Diliprao
(b: 30-Jun-1983)

Head and Assistant Professor

Address:
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Maharashtra 440 025

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Special Interest: Lepidoptera; Odonata; Diptera
Publications: 42
Books and Chapters: 5
Popular Articles: 3

Uniyal, V.P.
(b: 30 Dec, 1962)

Scientist

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Fax: 91-135-2640117
Email: uniyalvp@wii.gov.in

Special Interest: Lepidoptera (Butterflies), Hymenoptera (Bees)
Projects / Geographic Areas: Himalayan Region
Publications: 30
Popular Articles: 20

Vanithakumari, Gopal
(b: 21 Oct, 1946)

Professor & Head

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Special Interest: Bee pollination, Apidae: Hymenoptera; Apis

Varatharajan, Ramaiyer
(b: 21 Jul, 1958)

Associate Professor

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Fax: 91-385-2435083
Email: rvrajanramya@rediffmail.com
**Varshney, Rajendra Kumar**

*Editor*

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**Special Interest:** Lepidoptera: Rhopalocera

**Projects / Geographic Areas:** Indian subcontinent

**Publications:** About 150, in which 30 are on Lepidoptera

**Books and Chapters:** About 10

**Popular Articles:** One book "Bharat ki Titliyan" (in Hindi) published in 2007

---

**Verghese, Abraham**

Principal Scientist

**Address:**
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**Phone:**
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**Email:**
avergis@iihr.ernet.in

**Special Interest:** Bees (Apidae: Hymenoptera), Syrphidae, Calliphoridae: Diptera

**Projects / Geographic Areas:** Bangalore

**Publications:** 5

**Books and Chapters:** 1

---

**Walker, Sally R.**

*Founder/Director ZOO, President WILD*

**Address:**
Office: Zoo Outreach Organization
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**Phone:**
91-9385339862 & 9385339863

**Email:**
sallyrwalker@zooreach.org
PAKISTAN
<table>
<thead>
<tr>
<th>Name</th>
<th>Date of Birth</th>
<th>Position/Role</th>
<th>Address</th>
<th>Contact Details</th>
<th>Special Interest</th>
<th>Projects / Geographic Areas</th>
<th>Publications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ashfaque, Muhammad</td>
<td>(b: 06 Jan, 1975)</td>
<td>Government Service / Agricultural Scientist</td>
<td>Institute of Plant &amp; Environmental Protection, National Agricultural Research Center, Park Road, Islamabad, Pakistan</td>
<td>Phone: 92-51-844 3494, Mobile: 92-333-5251825 Email: <a href="mailto:mashfaque@gmail.com">mashfaque@gmail.com</a>, <a href="mailto:ashfaqueamin@hotmail.com">ashfaqueamin@hotmail.com</a></td>
<td>Hymenoptera, Diptera, Lepidoptera</td>
<td>Insect pollinator diversity in Pakistan (Ongoing). Northern Himalayas, Hindu Kush and Karakoram</td>
<td>5</td>
</tr>
<tr>
<td>Bashir, Muhammad Amjad</td>
<td>(b: 15 Jun, 1978)</td>
<td>Student</td>
<td>University College of Agriculture, Baha ud Din Zykria University Multan, Pakistan</td>
<td>Phone: 92-0642845125, Mobile: 0345-5022298 Email: <a href="mailto:amjadhajbani@hotmail.com">amjadhajbani@hotmail.com</a></td>
<td>Hymenoptera, Diptera, Lepidoptera</td>
<td></td>
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</tr>
<tr>
<td>Dugal, Farkhanda Manzoor</td>
<td>(b: 29 Sep, 1963)</td>
<td>Professor</td>
<td>Lahore College for Women University, Lahore, Pakistan</td>
<td>Phone: 92-42-99203801-9, Res: 35166803, Mobile: 92-333-4583936 Email: <a href="mailto:doc_farkhanda@yahoo.com">doc_farkhanda@yahoo.com</a></td>
<td>Lepidoptera, Coleoptera</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Qayyum, Abdul
(b: 1 Oct, 1946)
Director

Address: Office: Honeybee Research Institute, National Agricultural Research Centre (NARC), Park Road, Islamabad, Pakistan
Residence: H # 633, St. 03, G/11/1, Islamabad, Pakistan

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Fax: 92-51-9255034
Email: qayyumnarc@yahoo.com

Special Interest: Hymenoptera, Diptera
Projects / Geographic Areas: Honey bee Research prog. of Pakistan Agricultural Research Council at NARC (Ongoing).

Publications: 22
Popular Articles: 12

Rafi, Muhammad Ather
(b: 25 Jan, 1957)
Senior Scientific Officer

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Fax: 92-51-9255034
Email: a_rafiam@yahoo.com, marafi@isd.wol.net.pk, a_rafiam@yahoo.com

Special Interest: Hymenoptera, Diptera, Lepidoptera, Coleoptera
Projects / Geographic Areas: Cash crop farming in the Northern Pakistan: The importance of Pollinator diversity and Managed Pollination in Apricots. International Centre for Integrated Mountain Development (ICIMOD) Kathmandu, Nepal 60 pp. 2003; Insect pollinator diversity in Pakistan

Publications: 31
Books and Chapters: 3
Popular Articles: 2
SRI LANKA
Priyankara, Edirisinghe Jayanthi  
(b: 23 Nov, 1948)

**Address:**  
Office: Department of Zoology, University of Peradeniya  
Peradeniya, Kandy  
Residence: C81, University Bungalows, Meewatura, Peradeniya, Sri Lanka

**Phone:**  
94-81-2380108, Res: 2388153  
Fax: 94-81-2388081

**Email:** jpediri@sltnet.lk

**Special Interest:** Hymenoptera: Non-Apis bees, Megachilidae, Anthophoridae, Halictidae

**Projects / Geographic Areas:** Sri Lanka, Kandy district-central Province.

**Survey in most parts of Sri Lanka except the North and Northeast of Sri Lanka**

**Publications:** 8

**Popular Articles:** 2

---

Weerakoon, Buddhika Malitha  
(b: 23-Jul-1988)

**Student**

**Address:**  
Office: University of Peradeniya  
Peradeniya, Sri Lanka  
Residence: No: 10, "Mahakumbra", Dodamgolla, Menikhinna, Kandy, Sri Lanka

**Phone:**  
Res: 94812421273, Mobile: 94713391713

**Email:** buddhikavray@gmail.com

**Special Interest:** Lepidoptera: Papilionidae, Lcynidae, Nymphalidae, Hespalidae, Rionidae, Pirridae.
# IPNSA - Invertebrate Pollinator Network of South Asia

## Membership form

<table>
<thead>
<tr>
<th>(Pl. Expand all initials)</th>
<th>First Name</th>
<th>Middle</th>
<th>Last</th>
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<tr>
<td>Name:</td>
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<tr>
<td>Occupation:</td>
<td></td>
<td></td>
<td>Title: Mr. [ ] , Mrs. [ ] , Ms. [ ] , Dr. [ ]</td>
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<tr>
<td>Date of birth: dd/mm/yyyy</td>
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<td>Sex: Male [ ] , Female [ ]</td>
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<tr>
<td>Name of Institution and Address:</td>
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<tr>
<td>Office Phone: (w. STD code)</td>
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<td>Fax:</td>
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<tr>
<td>Home Phone: (w. STD code)</td>
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<td>Mobile:</td>
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<td>Email:</td>
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<td>I have attached my photo: jpg [ ] , tif [ ] , psd [ ]</td>
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<tr>
<td>Home/office address other than above if you prefer us to use it.</td>
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<td>Website (If any):</td>
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Tick or type one or more of the choices below. In case you are shy or modest, please don’t be.

Are you a pollinator: Specialist [ ] , Student [ ] , Amateur [ ] , Photographer [ ] , Others [ ]

Species of special interest

1. 
2. 
3. 

Are you interested in pollinators: Taxonomy [ ] , Diversity [ ] , Genetics [ ] , Ecology [ ] , Behaviour [ ] , Economics [ ] , Agriculture [ ] , Captive breeding [ ] , Photography [ ] , Education [ ] , Others [ ]

Are you: currently involved in pollinator studies [ ] , were involved but retired [ ] , were involved but moved to other field/s [ ] , retired or moved away- but itching to get back into pollinators work [ ] , Others [ ]

Are you a Ph.D. holder? Yes [ ] , No [ ] , Presently enrolled for a Ph.D. [ ]

Is your Ph.D. on: Pollinators diversity/conservation [ ] , Laboratory [ ] , Ecology [ ] , Others [ ] (explain briefly)

Title of Ph.D. Dissertation: 

University | Place | Year (of submission of dissertation) |
------------|-------|-------------------------------------|
|            |       |                                     |

Guide | Is the dissertation published: 

1/Feb-18
<table>
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<tr>
<th>Papers from dissertation work:</th>
<th>In full ☐, In parts ☐, Currently in press ☐, Not at all ☐, In popular media ☐.</th>
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<tr>
<td>Yes ☐, No ☐ If yes, Please include a copy</td>
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<th>Popular articles from dissertation work:</th>
<th>Yes ☐, No ☐ If yes, Please include a copy</th>
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<table>
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<tr>
<th>Are you guiding or have you guided students in invertebrate pollinator studies?</th>
<th>Yes ☐, No ☐ If yes, provide details</th>
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<tr>
<th>Student name</th>
<th>Title of the project</th>
<th>Year</th>
<th>University</th>
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Please tick Yes or No

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<tr>
<th>Have you taken any formal or informal training in the techniques needed to study pollinators?</th>
<th>Yes ☐ No ☐</th>
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<tbody>
<tr>
<td>Would you be interested in taking a short term training in pollinators study techniques?</td>
<td>Yes ☐ No ☐</td>
</tr>
<tr>
<td>Do you have access to literature on pollinators of South Asia?</td>
<td>Yes ☐ No ☐</td>
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Please list your field studies of pollinators (If published please list in publications details). In case there are more than 5 studies please include them under More Information:

<table>
<thead>
<tr>
<th>Short title of study</th>
<th>Geographical area of study</th>
<th>Dates of study, not publication</th>
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<tr>
<th>On going or completed invertebrate pollinators projects sponsors (eg. DST, CSIR, UGC, etc..)</th>
<th>Geographical area of study/work</th>
<th>Dates of study or work, not publication. (If published please list under Publications).</th>
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<tr>
<td>Do you maintain or have you maintained pollinator in captivity?</td>
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<td>---------------------------------------------------------------</td>
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<tr>
<td>If yes, what species, and for how long. Also provide breeding details.</td>
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<table>
<thead>
<tr>
<th>Publication (relevant to pollinators studies only):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Please list ALL your publication relevant to pollinators studies for complete listing in the directory and on the web also please enclose a copy of your recent (within the last two years) publications.</td>
</tr>
</tbody>
</table>

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<tr>
<th>Any other information you wish to share:</th>
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<tr>
<th>Names, address and/or email address of other pollinators field biologist, specialist, amateurs, students or educators that you wish to suggest we contact:</th>
</tr>
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<table>
<thead>
<tr>
<th>More Information:</th>
</tr>
</thead>
</table>

**Coordinator:** Dr. B.A. Daniel  
**Invertebrate Pollinator Network of South Asia (IPNSA)**  
Please send the filled-in form by Post/Fax or Email to:  
B.A. Daniel  
Zoo Outreach Organization, CPSG South Asia  
12, Thiruvannamalai Nagar, Saravanampatti, Coimbatore, Tamil Nadu 641 035, India Phone:  
91-9385339862 & 9385339863 Email: badaniel@zooreach.org  
Websites: www.zooreach.org; www.zoosprint.zooreach.org; www.threatenedtaxa.org

**REMEMBER to attach your passport size photograph to be incorporated in the directory**  
**Please send a separate JPEG file as attachment**